

Terminal blocks Klippon® Connect

Version 2024



Terminal blocks

Catalogue 1

Terminal blocks

Universal range

Spring connection with SNAP IN technology (S-Series)

Spring connection with PUSH IN technology (A-Series)

Spring connection with tension clamp technology (Z-Series)

Screw connection with clamping yoke technology (W-Series)

Screw connection with stud technology

Application range

Power feed-in

Power distribution

Control voltage distribution

Signal wiring

Signal marshalling

Building installation wiring

Instrument transformer wiring

Shielding and earthing

Installation

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Overview

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Extra efficiency in planning, installation and operation

Klippon® Connect provides you with added value at all stages

Panels are key elements of many industrial applications. They transmit signals, control data and distribute power – sometimes under the most adverse of conditions, such as vibrations, dust, cold or extreme heat. What is more, they have to be individually designed and built to suit the requirements and the industries they will be used in. All of the steps in the panel building process are key to increasing efficiency in the long term and exploiting potential for optimisation.

As your partner in Industrial Connectivity, we consider panel building to be an integrated process – from planning through installation to operation. The result is solutions that support products and processes to offer you added value at all stages. Klippon® Connect, our terminal block range, is the best example of this, given that it is another pioneering solution in the field of industrial connectivity.

Our promise

With Klippon® Connect, you benefit from productivity gains throughout the entire panel building process. These include time-saving planning and project planning, faultless wiring and faster marking operations, for example.



Achieving greater productivity one step at a time

Every panel building process starts at the planning stage. It is here that the foundations for optimum set-up are laid. Once there is a plan in place, preparatory work and installation can start. The panel components are marked, wired and checked. The fully installed panel can then be put into operation. To ensure that you achieve the greatest possible level of efficiency in this process, we have continuously examined the optimisation potential of the individual phases of planning, installation and operation and how they interlink with one another. The result is innovative products and services that support you at all the stages of the panel building process.

Up to 75 percent engineering

- Faster planning with the Weidmüller Configurator
- Error-free configuration through compatibility checks on products and accessories
- High level of transparency throughout the entire process thanks to linked data models
- Easy creation of product documentation



High wiring density with maximum ease of installation

- Noticeably faster wiring with PUSH IN technology
- All product functions can be clearly distinguished
- Flexible potential distribution thanks to various cross-connection options
- Faster marking thanks to endless marker strip and large marking surfaces

Higher availability during operation in the long term

- Simpler testing procedure thanks to integrated test point
- Hot rewiring possible without special tools thanks to PUSH IN technology with pushers
- Gas-tight and vibration-resistant connections for interference-free operation
- Flexible, simple modification and extension

Solutions for more productivity

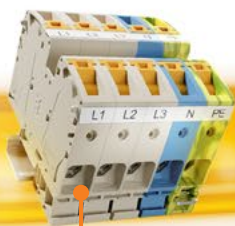
Extremely flexible process design – with Klippon® Connect

Whether it is simple handling, more space in the panel or time saving on installation: Klippon® Connect offers numerous benefits for your process. In line with our range of terminal blocks, we can offer you an application range and a universal range. The particular requirements determine which is the most suitable.

Often, standardisation enables the right solution to be found with our sophisticated, function-oriented universal range. It provides you with practical product features. For recurring application fields, such as control voltage distribution or signal wiring, we offer you the ideal solutions with our application range. Thanks to the high level of application focus, these solutions really do help increase productivity, efficiency and safety. And when tailored configuration is required, our customer-specific assembly service is available.

Our promise

With Klippon® Connect, we offer a comprehensive range of terminal blocks for high levels of productivity in your panel applications.



Power feed-in



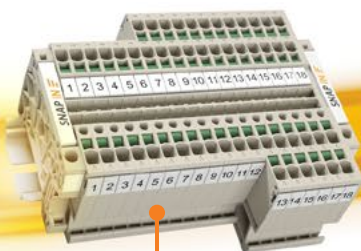
Power distribution



Control voltage distribution



Current and voltage transformer wiring



Spring connection with SNAP IN technology



Spring connection with PUSH IN technology



Spring connection with tension clamp technology

Building installation wiring

Shielding and earthing

Signal marshalling

Signal wiring

Screw connection with stud technology

Screw connection with clamping yoke technology

The Klippon® Connect universal range is a complete range of standard products including all conventional connection technologies and functions.

The application range - application-specific and tailor-made

The universal range - flexible and versatile to use

The Klippon® Connect universal range is a complete range of standard products including all conventional connection technologies and functions.

From intelligent item data to the finished panel

Weidmüller Configurator: simpler configuration and ordering

Digital information is becoming increasingly important during product development. Starting with the product selection, configuration and creation of a virtual prototype through to the automated production and installation, end-to-end available data models are a cornerstone of digital production. This requires standardised product data and interfaces between the energy tools networked together and integration into the corporate IT environment. The “Weidmüller Configurator” software forms the ideal basis for end-to-end transparent panel planning.

Our promise

The Weidmüller Configurator speeds up panel planning by up to 70 percent, thus increasing productivity. You can benefit from high levels of data transparency and availability throughout the entire engineering process.

Integrated digital planning – quick and simple

Provision of intelligent item data

The product data from the software provide comprehensive support in configuration and can be fully integrated into all conventional engineering tools. The complete data transparency and availability across all process phases are a basic prerequisite for the implementation of Industry 4.0 in future panel building.

Simple and secure labelling

The Weidmüller Configurator enables virtually labelling of your whole project. Thanks to direct interfaces to CAD programs and the M-Print® PRO labelling software, you can plan and label your components in a single step.

Always the right configuration

The automatic filter function provides active assistance in putting together terminal blocks by preventing and automatically correcting incorrect assemblies. You can only add selected fitting accessories to your current configuration. This makes planning easier and saves a huge amount of time. At the same time, you can benefit from seamless documentation of your assembled terminal rails.

Fast and simple product enquiry

Once you have found your perfect combination, you can enquire about the components directly from the software – either as individual components or as a pre-assembled complete solution on a DIN rail which then only needs to be fitted to the mounting plate.

**Get started online now!**

The Weidmüller Configurator makes configuration easy. Visit our website and make the most of the wide range of benefits for your engineering process.

Full information on the software can be found here:

www.weidmueller.com/wmc

Tailor-made terminal strips

Flexibly designed to suit your requirements

Your processes in panel building have to be fast, flexible and productive. This is the only way you can cut your costs and increase efficiency. Depending on the application in question, you will have different requirements with respect to the engineering service, delivery speed and flexibility to be provided.

From ready-specified strips that are immediately available from stock, through simple configurations with a short delivery time, to complex solutions with a high engineering requirement, we can respond flexibly to your needs. Simply talk to our sales staff, so that, together, we can head off in the right direction for your project.

Our promise

We believe that custom work is the perfect interaction between the product and the service. Both of these elements combine to form a single unit that guarantees the very best quality and thus satisfied customers, even when it comes to the terminal strips.

Working
towards
a customer-
specific
solution

1.

Defining the task

We support you right from the start:

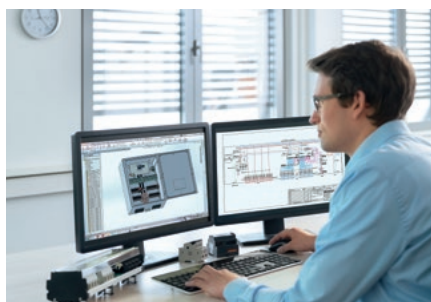
- Actual analysis
- Project definition

2.

Advice

Individually to suit your needs:

- Over the phone and on site
- Application-specific product selection
- In-depth dialogue



Product and service – perfectly coordinated to one another

However your product is designed, at the end of the day you can rest assured that you are using the best solution. Simply tell us what you would like, and we will make it happen:

- Selection of materials for the terminal rails: steel, stainless steel, aluminium or plastic
- Machining the terminal rail: cutting, punching and attaching a wide range of different mounting aids
- Assembling the terminal strips with snap-on components (terminal blocks and electronic products, as well as additional products from other manufacturers as required)
- Establishing cross-connections
- Fitting standard conductors
- Marking terminals, devices, conductors and cables



4.

**Your
turnkey
customised
solution**

3.

Application-specific development

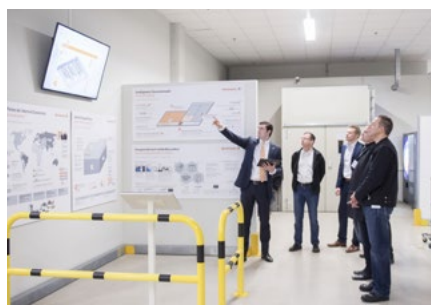
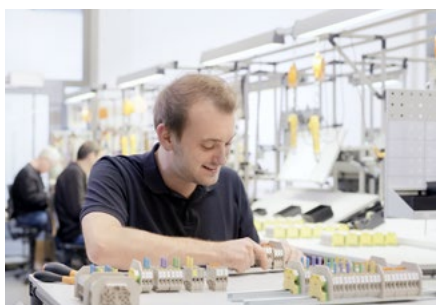
The foundation for your success:

- Joint solution development
- Bespoke configuration
- Sample production

Production, logistics, documentation

Everything from a single source:

- Production technology
- Inventory management
- Comprehensive documentation as per the customer's requirements



Service connects

You will find information about other services from Weidmüller at:

www.weidmueller.com/service

Klippon® Services – focus on your core business

„Fast Delivery Service“ enables the delivery of assembled products at short notice, even with Ex approval

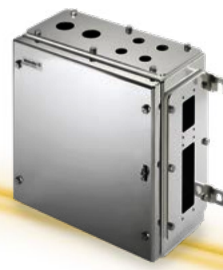
Today you are confronted with tough challenges in mechanical and plant engineering as well as in control cabinet production. On the one hand, the production of your products is becoming increasingly made to order/ custombuilt and a lot more complex. On the other hand, you have to deal with high price pressures, tight deadlines and short-term change requests. In addition, many products are requested in small quantities.

To meet these growing demands, you need ever more efficient planning and manufacturing processes - and you need to be able to rely on 100% fast and reliable delivery. With our Fast Delivery Service, we offer you both. The integrated concept simplifies your planning, accelerates your manufacturing processes and guarantees the delivery of individually assembled and ready-to-install terminal strips or enclosures within the shortest possible time. In this way, you reduce your costs, increase your flexibility and stay one step ahead of your competitors.



Klippon® Connect and Klippon® Protect

Assembled enclosures with terminal strip, add-on components and optional Ex approval.



Klippon® Protect

Individual empty enclosures with holes, threads or cut-outs according to your specifications – optionally unassembled, equipped or with add-on parts.



WMC – Digital Engineering

Our Weidmüller Configurator (WMC) gives you access to the “Fast Delivery Service”. You can import directly your CAE data.

Klippon® Connect

Ready-to-install assembled terminal strips including electronic components - individually manufactured according to your specifications.

Determine your own delivery time thanks to Fast Delivery Service

We offer the choice between 3 service levels



Your advantages at a glance with our Fast Delivery Service

Reduce your costs

Your plants are becoming more and more specific and complex. Therefore, you have to stock many required components in your warehouse. With Fast Delivery, you receive complete assembled products – and can significantly minimise your purchasing and storage costs.

Increase your flexibility

More and more often you have to manufacture small quantities of plants and be prepared for short-term changes. With Fast Delivery, you get individual terminal strips and enclosures from batch size 1 – and you receive them ready for installation. This increases your flexibility.

Meet your delivery commitments

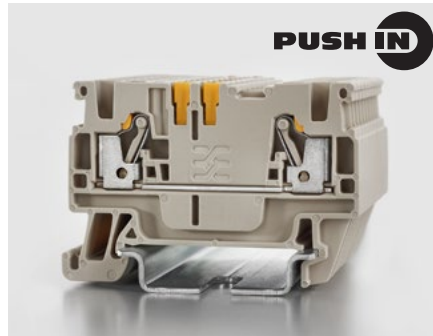
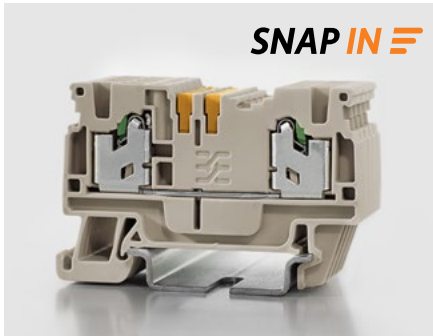
You must complete and deliver your individual plants within tight time frames. Otherwise, your customers face high costs due to delays and production downtimes. With Fast Delivery, you can speed up all your processes and reliably meet your delivery commitments.

Universal range

Universal range	Connection technologies	A.2
	Spring connection with SNAP IN technology (S-Series)	A.4
	Feed-through terminal blocks	A.6
	PE terminal blocks	A.14
	Fuse terminals blocks	A.19
	Test-disconnect terminal blocks	A.20
	Spring connection with PUSH IN technology (A-Series)	A.24
	Feed-through terminal blocks	A.26
	PE terminal blocks	A.60
	Fuse terminal blocks	A.74
	Test-disconnect terminal blocks	A.80
	Pluggable terminal blocks	A.90
	Terminal blocks with electronic components	A.112
	Terminal blocks with integrated markers	A.118
	Accessories	A.126
	Spring connection with tension clamp technology (Z-Series)	A.142
	Feed-through terminal blocks	A.144
	PE terminal blocks	A.182
	Fuse terminal blocks	A.199
	Test-disconnect terminal blocks	A.214
	Pluggable terminal blocks	A.218
	Terminal blocks with electronic components	A.238
	Accessories	A.248
	Screw connection with clamping yoke technology (W-Series)	A.260
	Feed-through terminal blocks	A.262
	PE terminal blocks	A.294
	Fuse terminal blocks	A.306
	Test-disconnect terminal blocks	A.332
	Pluggable terminal blocks	A.352
	Terminal blocks with electronic components	A.362
	Mini terminal blocks for enclosure wiring	A.368
	Accessories	A.374
	Screw connection with stud technology	A.390
	Feed-through terminal blocks - SRL	A.392
	Feed-through terminal blocks - WF and WFF	A.398
	Accessories	A.408

Application-oriented wiring

Klippon® Connect always offers the right connection technology



Spring connection with SNAP IN technology



The innovative SNAP IN technology revolutionizes control cabinet construction. The direct connection of

flexible conductors without ferrules reduces conductor preparation and wiring.

Connection principle:

- Significant acceleration of installation and maintenance processes in the field
- Tool-free, material- and time-saving, as crimping on wire-end ferrules is no longer necessary
- Simply insert the flexible or stranded conductor into the open connection point until it „clicks“
- Secure connection that reliably withstands even strong shocks and vibrations

Clamped copper conductors:

- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:

0.5 mm² to 6 mm²

Spring connection with PUSH IN technology



The innovative PUSH IN connection technology reduces the amount of time you spend on wiring to a

minimum. The direct plug-in technology guarantees high conductor pull-out forces and simple handling for all conductor types.

Connection principle:

- With the PUSH IN connection technology, the force on the conductor is generated by a pressure spring made of high-quality, acid-resistant stainless steel
- The spring sits in a cage and is automatically opened upon connection
- The proven Weidmüller system, which separates the mechanical and the electrical function, ensures both high rated data and high conductor pull-out forces

Clamped copper conductors:

- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:

0.14 mm² to 185 mm²

Spring connection with tension clamp technology



Tension clamp technology is a universal contact system for all common conductor connection types. Its

fantastic level of flexibility makes the tension clamp a profitable alternative connection.

Connection principle:

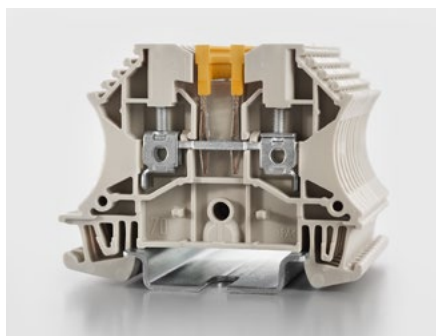
- The tension clamp system works in a similar way to the proven clamping yoke
- The tension clamp made of high-quality, acid-resistant stainless steel pulls the conductor against the galvanised copper current bar
- The surfacetreated current bar permanently provides a low level of contact resistance and a high level of corrosion resistance

Clamped copper conductors:

- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:

0.05 mm² to 35 mm²



Screw connection with clamping yoke technology



The patented Weidmüller clamping yoke system sets standards. The fact that it is simple to handle makes

clamping yoke technology the universal screwed connection solution for all conductor types.

Connection principle:

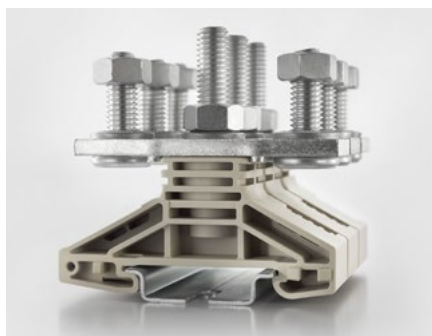
- The clamping yoke system combines the specific properties of steel and copper. While the clamping yoke and clamping screw are made of hardened steel, the current is made of copper or high-quality copper alloy
- The clamping yoke pulls the conductor to be connected against the current bar
- Our clamping yoke system is maintenance-free and guarantees vibration-resistant connections

Clamped copper conductors:

- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:

0.13 mm² to 300 mm²



Screw connection with stud technology



With stud technology, you are relying on an affordable and, at the same time, a safe and robust connection

solution for applications in particularly harsh conditions.

Connection principle:

- Cable lugs crimped onto the ends of the conductor ensure a secure connection
- The cable lugs are put on between the washer on the clamp support and the thrust washer on the stud. The reverse sides of the cable lugs are positioned against one other.
- Tightening the hexagon nut causes the cable lug flaps to press against one another - thereby creating a secure contact

Clamped copper conductors:

- According to DIN 46 234
- According to DIN 46 235

Connection sizes:

1.5 mm² to 300 mm²

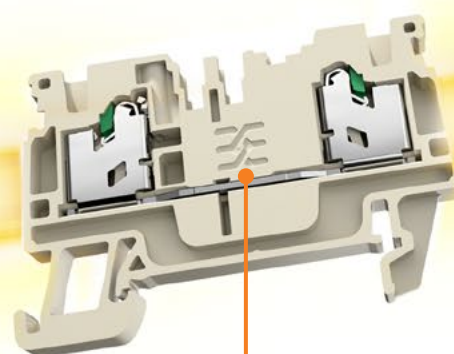
As fast as a SNAP of your fingers

Klippon® Connect accelerates your wiring with innovative SNAP IN technology

Time is money. For this reason, installation work in control cabinet construction must be carried out ever faster, preferably automated. At the same time, the connections should be permanently reliable, safe, and easy to maintain. The new Klippon® Connect terminal blocks with Weidmüller's revolutionary SNAP IN technology meet all these requirements - and are extremely easy to use: stripped fine-stranded conductors just need to be inserted into the connection point, and the connection point snaps shut with a clearly audible click. The conductor is permanently and reliably contacted. To release the connection, press the green pusher. It couldn't be faster or easier.

Our promise

Klippon® Connect terminal blocks with SNAP IN technology revolutionize control cabinet wiring through their intuitive and simple handling. The reduction in cable preparation accelerates your wiring times and leads to a more efficient installation process.



Safety

- Audible click signals correct connection
- Standardised test point
- High contact reliability with lowest mating forces
- Vibration-resistant, gas-tight connection with copper power rails and stainless steel spring

SNAP IN

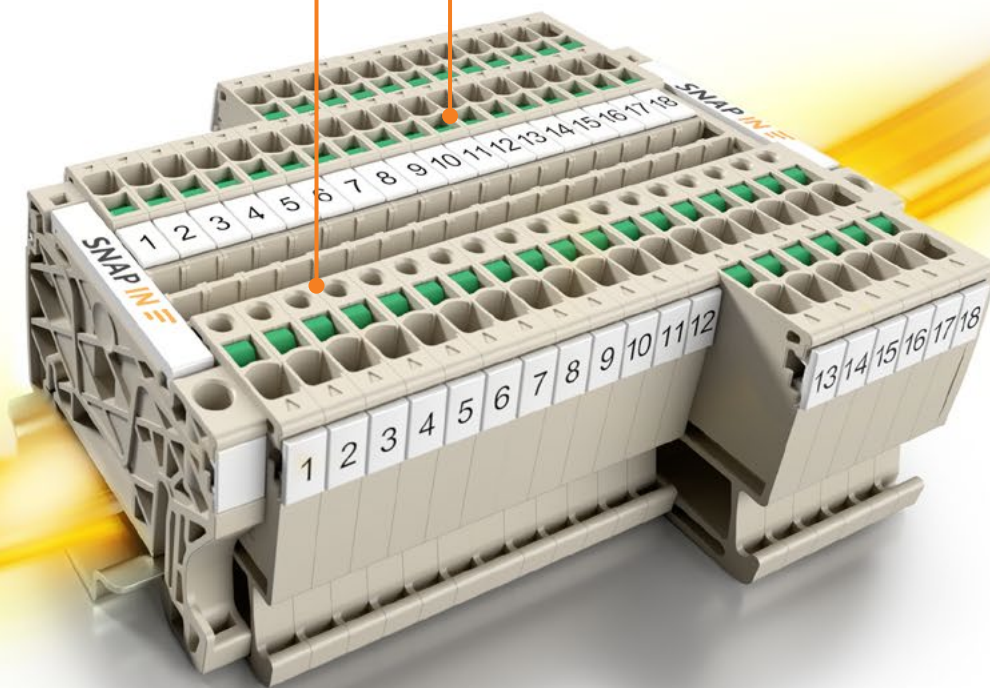
Invented by Weidmüller.

Flexibility

- Ideal for the connection of flexible and fine-stranded conductors with and without ferrule
- Release the conductor with any tool
- Large marking surfaces make maintenance
- Compatible with accessories of the Klippon® Connect A series

Time saving

- Intuitive and simple handling of SNAP IN technology
- Low mating forces due to simple insertion of the stripped conductor
- Quick and easy connection even without ferrule
- Clear distinction made between all functional areas

**Overview**

Thanks to the extensive choice of accessories and the different cross-connection options, our SNAP IN terminal blocks are the perfect solution for every requirement.

Compatibility with the A-series:

A terminal rail with the combination of both product families can be realized without any problems. Additional storage costs can be avoided thanks to the uniform accessories.

Everything with only one hand:

The pretensioned clamping point enables the conductor to be contacted quickly with low insertion forces. The SNAP IN technology supports both work with and without ferrules.

Ready for automation:

A clear design and simple handling provide the perfect prerequisites for the automation of your panel design.



Spring connection with SNAP IN technology (S-Series)

Feed-through terminal blocks

S2C 2.5

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 59 x 38
24 / 2.5
0.34...2.5

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Accessories

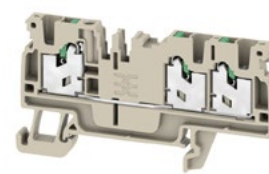
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

S3C 2.5

2.5 mm²

SNAP IN



5.1 x 71.5 x 38
24 / 2.5
0.34...2.5

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Type	Qty.	Order No.
S3C 2.5	100	2674540000
S3C 2.5 BL	100	2753950000
S3C 2.5 OR	100	2875130000

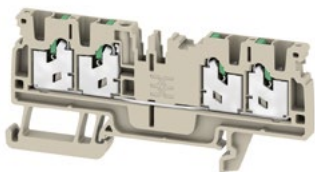
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 3C 2.5	20	2751090000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue

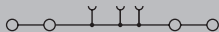
S4C 2.5

2.5 mm²

SNAP IN



5.1 x 84 x 38
24 / 2.5
0.34...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	15	
2.5	AWG 22...12	AWG 20...14	
8 kV / 3			
A2 / V-0			



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.34...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 2.5	100	2674550000
S4C 2.5 BL	100	2753960000
S4C 2.5 OR	100	2875140000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 4C 2.5	20	2751100000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

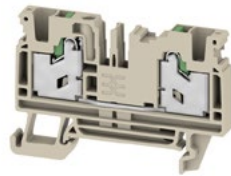


Spring connection with SNAP IN technology (S-Series)
Feed-through terminal blocks

S2C 4

4 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 62 x 41.5
32 / 4
0.75...4

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Accessories

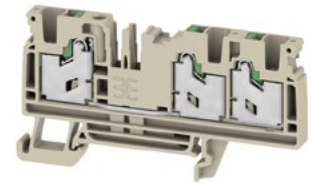
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

S3C 4

4 mm²

SNAP IN



6.1 x 78 x 41.5
32 / 4
0.75...4

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600		
32	30		
4	AWG 20...10		
8 kV / 3			
A4 / V-0			
CE UK US CSA			
Rated connection			
0.75...4 / 0.75...4			
0.75...4 / 0.75...4			
12 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
S3C 4	50	2874840000
S3C 4 BL	50	2874850000
S3C 4 OR	50	3023550000
Note		

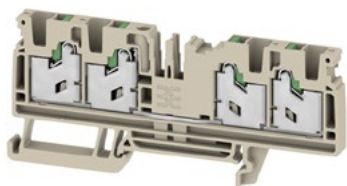
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
SEP 3C 4	20	2874800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
Note		

For detailed information on other accessories and application in the online catalogue

S4C 4

4 mm²

SNAP IN



6.1 x 94 x 41.5
32 / 4
0.75...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
32	30		
4	AWG 20...10		
8 kV / 3			
A4 / V-0			



Rated connection

0.75...4 / 0.75...4

0.75...4 / 0.75...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 4	50	2874860000
S4C 4 BL	50	2874870000
S4C 4 OR	50	3023560000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
SEP 4C 4	20	2874810000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000



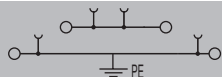
S2T 2.5 FT-PE

2.5 mm²

SNAP IN



5.1 x 95 x 52
24 / 2.5
0.34...2.5



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600		
24	20		
2.5	AWG 22...12		
8 kV / 3			
A2 / V-0			



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2T 2.5 FT-PE	50	2902410000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 2T 2.5	20	2913480000
SEP 2T 2.5 BL	20	2913490000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000



Spring connection with SNAP IN technology (S-Series)
Feed-through terminal blocks

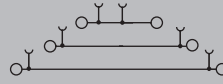
S3T 2.5

2.5 mm²

SNAP IN



5.1 x 116 x 64.5
22 / 2.5
0.34...2.5



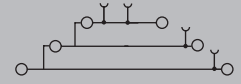
S3T 2.5 VL

2.5 mm²

SNAP IN



5.1 x 116 x 64.5
24 / 2.5
0.34...2.5



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
800			
22			
2.5			
	8 kV / 3		
	A3 / V-0		
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
/ 0.6 x 3.5 mm			
Note			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
S3T 2.5		2902530000
S3T 2.5 BL		2902540000
Note		

Type	Qty.	Order No.
S3T 2.5 VL		2902570000
S3T 2.5 VL BL		2902580000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZVQ 2.5/1.5	24 A 50	1720700000
SEP 3T 2.5		2902630000
SEP 3T 2.5 BL		2902640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000
Note		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZVQ 2.5/1.5	24 A 50	1720700000
SEP 3T 2.5		2902630000
SEP 3T 2.5 BL		2902640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000
Note		

For detailed information on other accessories and application in the online catalogue

S3T 2.5 FT-FT-PE

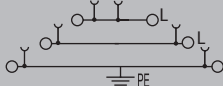
2.5 mm²

SNAP IN



Q2
2025

5.1 x 116 x 64.5
24 / 2.5
0.34...2.5



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
6 kV / 3			
A3 / V-0			

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

S3T 2.5 N-FT-PE

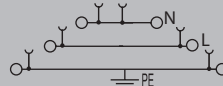
2.5 mm²

SNAP IN



Q2
2025

5.1 x 116 x 64.5
24 / 2.5
0.34...2.5



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
8 kV / 3			
A3 / V-0			

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S3T 2.5 FT-FT-PE		2902550000

Type	Qty.	Order No.
S3T 2.5 N-FT-PE		2902560000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZVQ 2.5/1.5	24 A 50	1720700000
SEP 3T 2.5		2902630000
SEP 3T 2.5 BL		2902640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

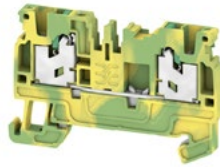
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZVQ 2.5/1.5	24 A 50	1720700000
SEP 3T 2.5		2902630000
SEP 3T 2.5 BL		2902640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Spring connection with SNAP IN technology (S-Series)
PE terminal blocks

S2C 2.5 PE

2.5 mm²

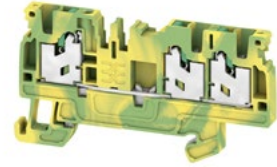
SNAP IN



S3C 2.5 PE

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 59 x 38	
/ 2.5	
0.34...2.5	

5.1 x 71.5 x 38	
/ 2.5	
0.34...2.5	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 20...14	
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

CE

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.34...2.5	
10 / 0.6 x 3.5 mm	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 20...14	
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

CE

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.34...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	Green/yellow

Note

Type	Qty.	Order No.
S2C 2.5 PE	50	2674560000

Type	Qty.	Order No.
S3C 2.5 PE	50	2674570000

Accessories

End plate	dark beige blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
SEP 2C 2.5	20	2751080000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

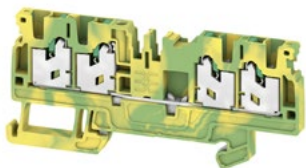
Type	Qty.	Order No.
SEP 3C 2.5	20	2751090000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue

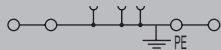
S4C 2.5 PE

2.5 mm²

SNAP IN



5.1 x 84 x 38
/ 2.5
0.34...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 20...14	
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.34...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 2.5 PE	50	2674580000

Type	Qty.	Order No.
SEP 4C 2.5	20	2751100000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000



Spring connection with SNAP IN technology (S-Series)
PE terminal blocks

S2C 4 PE

4 mm²

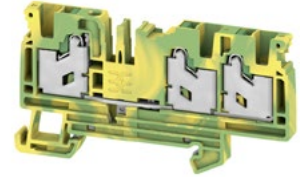
SNAP IN



S3C 4 PE

4 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.1 x 62 x 41.5	
/ 4	
0.75...4	

6.1 x 78 x 41.5	
/ 4	
0.75...4	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
4	AWG 20...10		
1000			
8			
	480 A (4 mm ²)		
	3		
	A4 / V-0		
Rated connection			
0.75...4 / 0.75...4			
0.75...4 / 0.75...4			
12 / 0.6 x 3.5 mm			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
4	AWG 20...10		
1000			
8			
	480 A (4 mm ²)		
	3		
	A4 / V-0		
Rated connection			
0.75...4 / 0.75...4			
0.75...4 / 0.75...4			
12 / 0.6 x 3.5 mm			

Note

Ordering data

Version	
	Green/yellow
Note	

Type	Qty.	Order No.
S2C 4 PE	50	2874880000

Type	Qty.	Order No.
S3C 4 PE	50	2874890000

Accessories

End plate	dark beige blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
SEP 2C 4	20	2874790000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

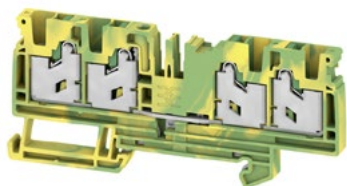
Type	Qty.	Order No.
SEP 3C 4	20	2874800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-R	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue

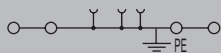
S4C 4 PE

4 mm²

SNAP IN



6.1 x 94 x 41.5
/ 4
0.75...4



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 20...10		
1000			
8			
	480 A (4 mm ²)		
	3		
	A4 / V-0		



Rated connection

0.75...4 / 0.75...4

0.75...4 / 0.75...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 4 PE	50	2874900000

Type	Qty.	Order No.
SEP 4C 4	20	2874810000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000



Spring connection with SNAP IN technology (S-Series)
PE terminal blocks

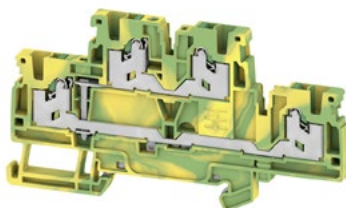
Universal range

A

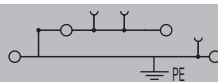
S2T 2.5 PE

2.5 mm²

SNAP IN



5.1 x 95 x 52
/ 2.5
0.34...2.5



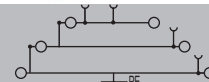
S3T 2.5 PE

2.5 mm²

SNAP IN



5.1 x 116 x 64.5
/ 2.5
0.34...2.5



Width/Height/Depth mm
max. current / max. cond. cross-section -/mm²
Max. clamping range mm²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Green/yellow
Note	

Accessories

End plate	dark beige blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12		
800			
6			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

CE, UL, UK, us, CSA

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2T 2.5 PE	50	2902460000

Type	Qty.	Order No.
SEP 2T 2.5	20	2913480000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-R	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
	3		
	A3 / V-0		

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S3T 2.5 PE		2902590000

Type	Qty.	Order No.
SEP 3T 2.5		2902630000
SEP 3T 2.5 BL		2902640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-R	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

For detailed information on other accessories and application in the online catalogue

SFS 4 2C BK

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 67.7 x 79.1
6.3 / 4
0.75...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	
Note	

IEC	UL	CSA	EN 60079-7
500			
6.3			
4			
	4 kV / 3		
	A4 / V-0		
Rated connection			
0.75...4 / 0.75...4			
0.75...4 / 0.75...4			
12 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
SFS 4 2C BK		2941480000
SFS 4 2C 10-36V BK		2941490000
SFS 4 2C 30-70V BK		2941500000
SFS 4 2C 60-150V BK		2941510000
SFS 4 2C 100-250V BK		2941520000
Note		

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
End plate	
dark beige	
Test plug	
Terminal blocks identical in contour	
Screwdriver	
Standard	
Marking tags	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
0.25 A fast	
0.50 A fast	
1.00 A fast	
2.00 A fast	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
SEP 3C 4	20	2874800000
PS 2.0 MC	20	0310000000
A3C 4	32 A 50	2051240000
A3C 4 PE	50	2051410000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
Note		



Spring connection with SNAP IN technology (S-Series)

Test-disconnect terminal blocks

Universal range

A

SDT 2.5 2C

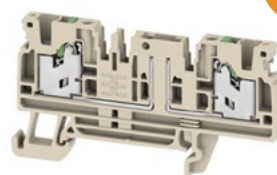
2.5 mm²



Q1
2025

SDT 2.5 2C w/o DTLV

2.5 mm²



Q1
2025

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 77.5 x 37.65
20 / 2.5
0.34...2.5

5.1 x 77.5 x 36.5
20 / 2.5
0.34...2.5

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500			
20			
2.5			
	6 kV / 3		
	A3 / V-0		
Rated connection			
/ 0.5...2.5			
2.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

DIN EN 60947-7-1			
IEC	UL	CSA	EN 60079-7
500			
20			
2.5			
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.34...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
SDT 2.5 2C		3016670000
SDT 2.5 2C BL		2974130000
SDT 2.5 2C OR		2974120000
Note		

Type	Qty.	Order No.
SDT 2.5 2C W/O DTLV		3016710000
SDT 2.5 2C W/O DTLV BL		2983270000
SDT 2.5 2C W/O DTLV OR		2983260000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 3C 2.5	20	2751090000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
Note		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 3C 2.5	20	2751090000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
Note		

For detailed information on other accessories and application in the online catalogue

SDT 2.5 3C

2.5 mm²



**Q1
2025**

5.1 x 84.5 x 37.65
20 / 2.5
0.34...2.5



DIN EN 60947-7-1

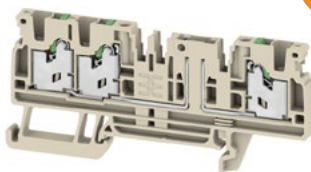
IEC	UL	CSA	EN 60079-7
500			
24			
2.5			
	6 kV / 3		
	A3 / V-0		

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

SDT 2.5 3C w/o DTLV

2.5 mm²



**Q1
2025**

5.1 x 84.5 x 36.5
20 / 2.5
0.34...2.5



DIN EN 60947-7-1

IEC	UL	CSA	EN 60079-7
20			
2.5			
	6 kV / 3		
	A3 / V-0		

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
SDT 2.5 3C		3016680000
SDT 2.5 3C BL		2974150000
SDT 2.5 3C OR		2974140000

Type	Qty.	Order No.
SDT 2.5 3C W/O DTLV		3016730000
SDT 2.5 3C W/O DTLV BL		2983290000
SDT 2.5 3C W/O DTLV OR		2983280000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 4C 2.5	20	2751100000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

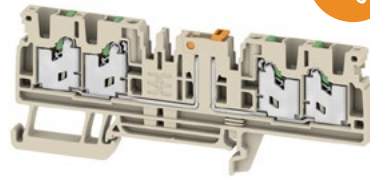
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 4C 2.5	20	2751100000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Spring connection with SNAP IN technology (S-Series)

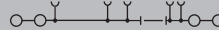
Test-disconnect terminal blocks

SDT 2.5 4C

2.5 mm²



5.1 x 96 x 37.65
20 / 2.5
0.34...2.5



DIN EN 60947-7-1

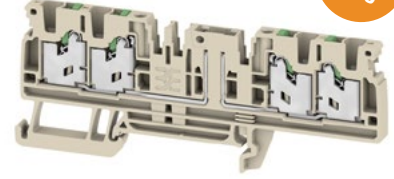
IEC	UL	CSA	EN 60079-7
500			
20			
2.5			
	6 kV / 3		
	A3 / V-0		

Rated connection

0.34...2.5 / 0.5...2.5
0.34...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

SDT 2.5 4C w/o DTLV

2.5 mm²



5.1 x 96 x 36.5
20 / 2.5
0.34...2.5



DIN EN 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
20			
2.5			
	6 kV / 3		
	A3 / V-0		

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
SDT 2.5 4C		3016700000
SDT 2.5 4C BL		2974170000
SDT 2.5 4C OR		2974160000

Type	Qty.	Order No.
SDT 2.5 4C W/O DTLV		3016740000
SDT 2.5 4C W/O DTLV BL		2983740000
SDT 2.5 4C W/O DTLV OR		2983730000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	

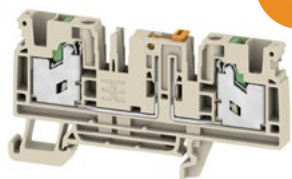
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP DT 2.5 4C		2929670000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP DT 2.5 4C		2929670000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue

SDT 4 2C

4 mm²



Q1
2025

6.1 x 74 x 41
20 / 4
0.75...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
20			
4			
	4 kV / 3		
	A4 / V-0		

Rated connection

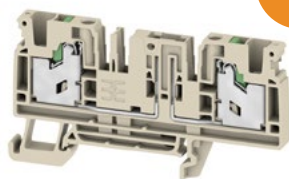
0.75...4 / 0.75...4
0.75...4 / 0.75...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
SDT 4 2C	1	2941420000
SDT 4 2C BL	50	2941430000
SDT 4 2C OR	50	2941440000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
SEP 3C 4	20	2874800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

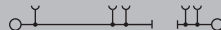
SDT 4 2C w/o DTLV

4 mm²



Q1
2025

6.1 x 74 x 41
20 / 4
0.75...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
20			
4			
	4 kV / 3		
	A4 / V-0		

Rated connection

0.75...4 / 0.75...4
0.75...4 / 0.75...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
SDT 4 2C w/o DTLV	50	2941450000
SDT 4 2C w/o DTLV BL	50	2941460000
SDT 4 2C w/o DTLV OR	50	2941470000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
SEP 3C 4	20	2874800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000



Fast wiring. But safe.

Klippon® Connect enhances your efficiency with PUSH IN technology

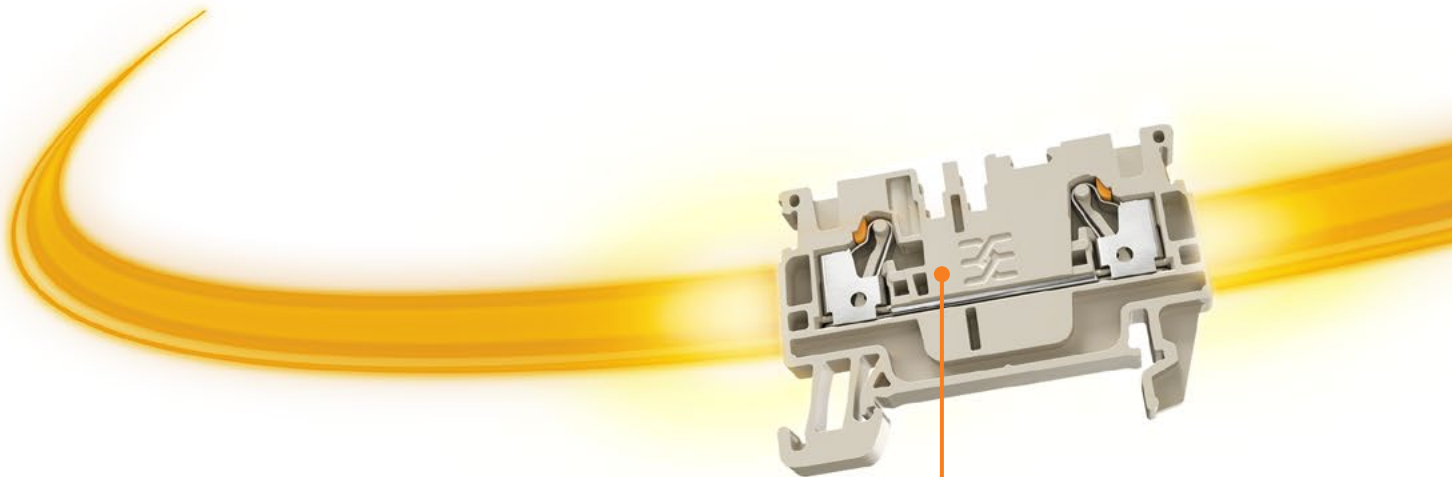
Increase your efficiency during installations without compromising on safety. The innovative PUSH IN technology reduces connection times for solid conductors and conductors with crimped-on wire-end ferrules by up to 50 percent compared to tension clamp terminals. The conductor is simply inserted into the contact point as far as the stop and that's it – you have a safe, gas-tight connection. Even stranded-wire conductors can be connected without any problem and without the need for special tools.



Safe and reliable connections are crucial, especially under harsh conditions, such as those encountered in the process industry. PUSH IN technology guarantees optimal contact security and ease of handling, even in demanding applications.

Our promise

Klippon® Connect gives your panel design maximum flexibility thanks to PUSH IN technology. The extremely compact design and simple handling at the same time help to make processes more efficient right from the planning stage.



Safety

- Standardised test point
- Optical and physical separation of operation and conductor entry
- Vibration-resistant, gas-tight connection with copper power rails and stainless steel spring



Flexibility

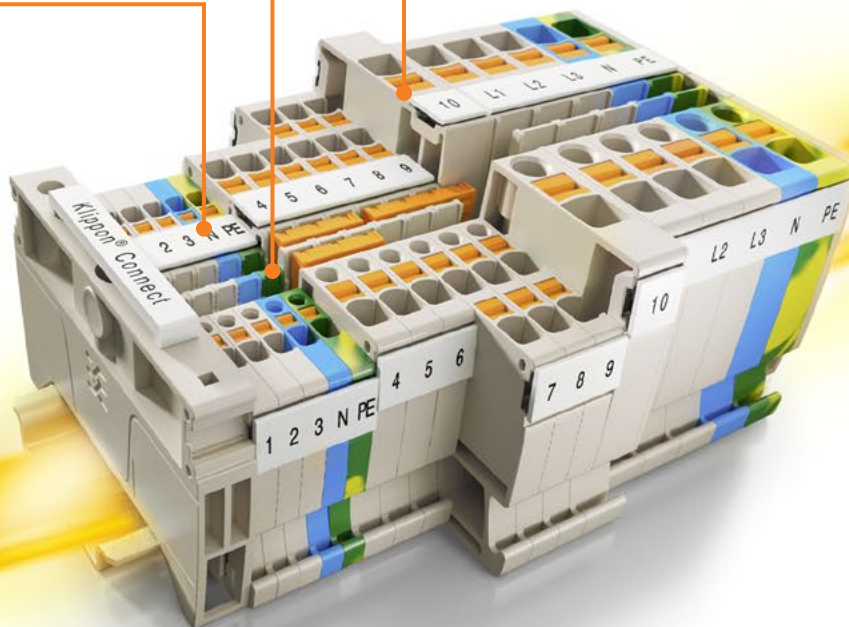
- Release the conductor with any tool
- Large marking surfaces make maintenance work easier
- Clip-in foot compensates for differences in terminal rail dimensions

Time saving

- Mounting foot makes unlatching the terminal block easy
- Clear distinction made between all functional areas
- Easier marking and wiring

Space-saving design

- Slim design creates a large amount of space in the panel
- High wiring density despite less space being required on the terminal rail



Overview

Thanks to the extensive choice of accessories and the different cross-connection options, our PUSH IN terminal blocks are the perfect solution for every requirement.

Functional transparency:

All of the terminal blocks' functions can be clearly differentiated from one another – thus ensuring safe and efficient maintenance work.

Ready for automation:

A clear design and simple handling provide the perfect prerequisites for the automation of your panel design.

Safely prevent incorrect wiring:

The pusher for releasing the contacts ensures safe contact protection.



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

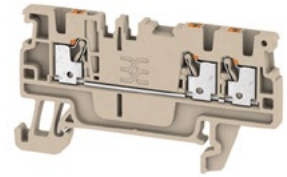
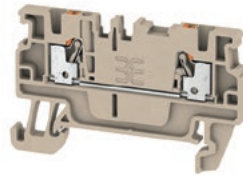
A

A2C 1.5

1.5 mm²

A3C 1.5

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 55 x 33.5	
17.5 / 1.5	
0.14...1.5	

3.5 x 61.5 x 33.5	
17.5 / 1.5	
0.14...1.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1				Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7				
500	300	300	550				
17.5	13	13	15				
1.5	AWG 26...14	AWG 26...14	1.5 mm ²				
6 kV / 3							
A1 / V-0							
				TUEV16ATEX7909U			
Rated connection							
0.5...1.5 / 0.5...1.5							
0.5...1.5 / 0.5...1							
8 / 0.4 x 2.0 mm							

IEC 60947-7-1				Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7				
500	300	300	440				
17.5	13	13	15				
1.5	AWG 26...14	AWG 26...14	1.5 mm ²				
6 kV / 3							
A1 / V-0							
				TUEV16ATEX7909U			
Rated connection							
0.5...1.5 / 0.5...1.5							
0.5...1.5 / 0.5...1							
8 / 0.4 x 2.0 mm							

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 1.5	100	1552790000
A2C 1.5 BL	100	1552820000

Type	Qty.	Order No.
A3C 1.5	50	1552740000
A3C 1.5 BL	50	1552770000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

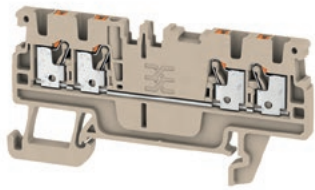
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2C 1.5	50	1552600000
AEP 2C 1.5 BL	50	1552610000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3C 1.5	50	1552620000
AEP 3C 1.5 BL	50	1552630000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

For detailed information on other accessories and application in the online catalogue

A4C 1.5

1.5 mm²



3.5 x 67.5 x 33.5
17.5 / 1.5
0.14...1.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	440
17.5	13	13	15
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

6 kV / 3

A1 / V-0

TÜEV16ATEX7909U

Rated connection

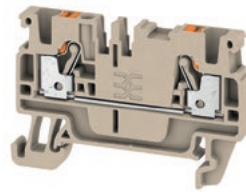
0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

A2C 2.5

2.5 mm²



5.1 x 55 x 36.5
24 / 4
0.14...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TÜEV16ATEX7909U

Rated connection

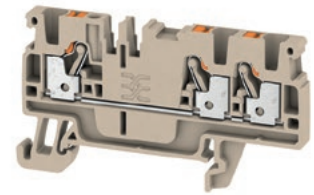
0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

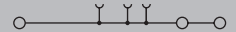
10 / 0.6 x 3.5 mm

A3C 2.5

2.5 mm²



5.1 x 66.5 x 36.5
24 / 4
0.14...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TÜEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A4C 1.5	100	1552690000
A4C 1.5 BL	100	1552700000

Type	Qty.	Order No.
A2C 2.5	100	1521850000
A2C 2.5 BL	100	1521880000

Type	Qty.	Order No.
A3C 2.5	100	1521740000
A3C 2.5 BL	100	1521780000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 4C 1.5	50	1552640000
AEP 4C 1.5 BL	50	1552650000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2C 2.5	50	1514400000
AEP 2C 2.5 BL	50	1514420000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0.6X3.5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3C 2.5	50	1521510000
AEP 3C 2.5 BL	50	1521520000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0.6X3.5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

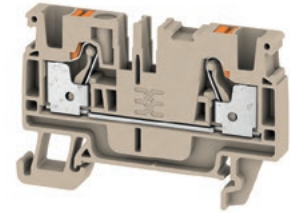
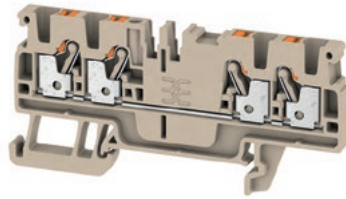
A

A4C 2.5

2.5 mm²

A2C 4

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 77.5 x 36.5	
24 / 4	
0.14...4	

6.1 x 60 x 39.5	
32 / 6	
0.14...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1				Ex eb II	
				C Gb	
IEC	UL	CSA	EN 60079-7		
800	600	600	550		
24	20	20	21		
2.5	AWG 28...12	AWG 28...12	2.5 mm ²		
8 kV / 3					
A3 / V-0					
TUEV16ATEX7909U					
Rated connection					
0.5...2.5 / 0.5...4					
0.5...4 / 0.5...2.5					
10 / 0.6 x 3.5 mm					

IEC 60947-7-1				Ex eb II	
				C Gb	
IEC	UL	CSA	EN 60079-7		
800	600	600	550		
32	30	30	28		
4	AWG 26...10	AWG 26...10	4 mm ²		
8 kV / 3					
A4 / V-0					
TUEV16ATEX7909U					
Rated connection					
0.5...4 / 0.5...6					
0.5...6 / 0.5...4					
12 / 0.6 x 3.5 mm					

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A4C 2.5	100	1521690000
A4C 2.5 BL	100	1521700000

Type	Qty.	Order No.
A2C 4	100	2051180000
A2C 4 BL	100	2051210000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

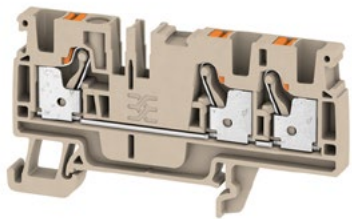
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 4C 2.5	50	1521530000
AEP 4C 2.5 BL	50	1521640000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
Test plug		
PS 2.0 MC	20	0310000000
Screwdriver		
SDIL 0,6X3,5X100	1	2749140000
Marking tags		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
End plate		
AEP 2C 4	50	2051680000
AEP 2C 4 BL	50	2051690000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
Test plug		
PS 2.0 MC	20	0310000000
Screwdriver		
SDIL 0,6X3,5X100	1	2749140000
Marking tags		
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

For detailed information on other accessories and application in the online catalogue

A3C 4

4 mm²



6.1 x 74 x 39.5
32 / 6
0.14...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-1	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	29
4	AWG 26...10	AWG 26...10	4 mm ²

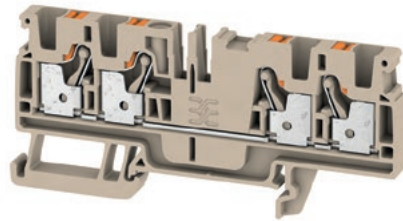
8 kV / 3
A4 / V-0

TUEV16ATEX7909U

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

A4C 4

4 mm²



6.1 x 87.5 x 39.5
32 / 6
0.14...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-1	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	30
4	AWG 26...10	AWG 26...10	4 mm ²

8 kV / 3
A4 / V-0

TUEV16ATEX7909U

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3C 4	50	2051240000
A3C 4 BL	50	2051280000

Type	Qty.	Order No.
A4C 4	50	2051500000
A4C 4 BL	50	2051520000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4	20	2051720000
AEP 3C 4 BL	20	2051880000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 4C 4	20	2051900000
AEP 4C 4 BL	20	2051910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Spring connection with PUSH IN technology (A-Series)

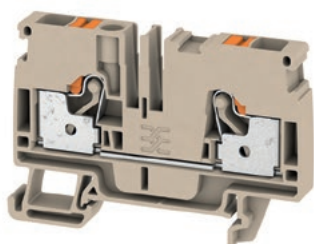
Feed-through terminal blocks

Universal range

A

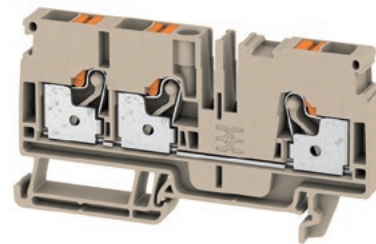
A2C 6

6 mm²



A3C 6

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 66.5 x 45.5
41 / 10
0.34...10

8.1 x 84.5 x 45.5
41 / 10
0.34...10

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	38	38	37
6	AWG 22...8	AWG 22...8	6 mm ²
8 kV / 3			
A5 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...6 / 0.5...6			
0.5...10 / 0.5...6			
12 / 1.0 x 5.5 mm			

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	38	38	36
6	AWG 22...8	AWG 22...8	6 mm ²
8 kV / 3			
A5 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...6 / 0.5...6			
0.5...10 / 0.5...6			
12 / 1.0 x 5.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 6	50	1992110000
A2C 6 BL	50	1991790000

Type	Qty.	Order No.
A3C 6	50	1991820000
A3C 6 BL	50	1991830000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

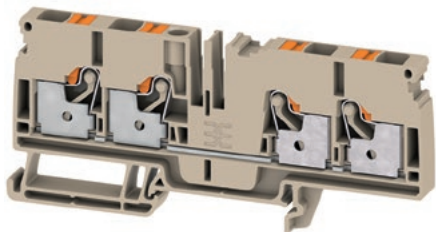
Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1985740000
ZQV 6N/3	41 A 60	1985760000
ZQV 6N/4	41 A 60	1985780000
AEP 2C 6	50	1991970000
AEP 2C 6 BL	50	1991950000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MHR	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1985740000
ZQV 6N/3	41 A 60	1985760000
ZQV 6N/4	41 A 60	1985780000
AEP 3C 6	50	1991940000
AEP 3C 6 BL	20	1991910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MHR	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue

A4C 6

6 mm²



8.1 x 102 x 45.5
41 / 10
0.34...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		550
41	38		37
6	AWG 22...8		6 mm ²
8 kV / 3			
A5 / V-0			

CE TÜV US KEBA IEC UK TUEV16ATEX7909U

Rated connection

0.5...6 / 0.5...6

0.5...10 / 0.5...6

12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A4C 6	50	2881450000
A4C 6 BL	50	2881460000

Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1985740000
ZQV 6N/3	41 A 60	1985760000
ZQV 6N/4	41 A 60	1985780000
AEP 4C 6	50	2876180000
AEP 4C 6 BL	50	2876190000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0x5,5x125	1	2749160000
DEKA 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

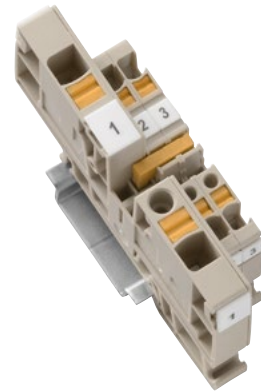


Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

ALO 6 **6 mm²**



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9 x 77 x 45,5	
41 / 6	
0.34...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	38	38	33
6	AWG 22...8	AWG 22...8	6 mm ²
8 kV / 3			
A5 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...6 / 0.5...10			
0.5...10 / 0.5...6			
12 / 1.0 x 5.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ALO 6	20	1991780000
ALO 6 BL	20	2065120000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
Test plug		
PS 2.0 MC	20	0310000000
Screwdriver		
SDIL 1,0X5,5X125	1	2749160000
Marking tags		
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

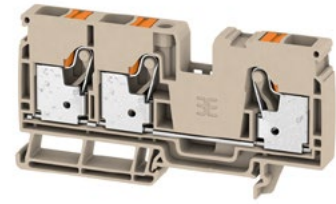
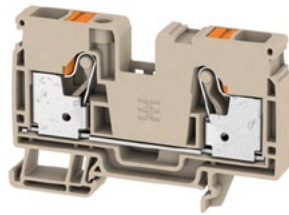
For detailed information on other accessories and application in the online catalogue

A2C 10

10 mm²

A3C 10

10 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

10 x 80.5 x 51.5
57 / 16
0.5...16

10 x 102 x 51.5
57 / 16
0.5...16

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

DIN EN 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
1000	600	600	
57	55	55	
10	AWG 20...6	AWG 20...6	
8 kV / 3			
A6 / V-0			
Rated connection			
0.5...10 / 0.5...16			
0.5...16 / 0.5...10			
18 / 1.0 x 5.5 mm			

DIN EN 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
1000	600	600	
57	55	55	
10	AWG 20...6	AWG 20...6	
8 kV / 3			
A6 / V-0			
Rated connection			
0.5...10 / 0.5...16			
0.5...16 / 0.5...10			
18 / 1.0 x 5.5 mm			

Ordering data

Version	
	dark beige
	blue
Note	

Type	Qty.	Order No.
A2C 10	25	2490360000
A2C 10 BL	25	2490370000

Type	Qty.	Order No.
A3C 10	25	2490520000
A3C 10 BL	25	2490510000

Accessories

Plug-in cross-connection	2-pole
End plate	dark beige blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 10N/2	57 A 25	2497250000
AEP 2C 10/16	20	2490380000
AEP 2C 10/16 BL	20	2490390000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 10 MI-R	0.2 A 50	1991870000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 10N/2	57 A 25	2497250000
AEP 3C 10/16	20	2490530000
AEP 3C 10/16 BL	20	2490540000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 10 MI-R	0.2 A 50	1991870000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue

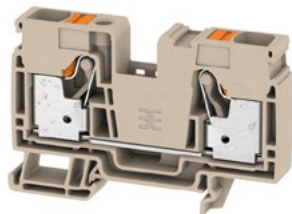


Spring connection with PUSH IN technology (A-Series)

Feed-through terminal blocks

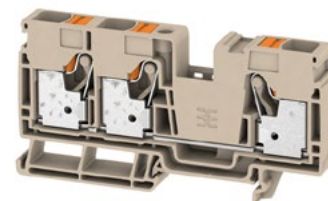
A2C 16

16 mm²



A3C 16

16 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

12 x 80.5 x 51.5	
76 / 25	
0.5...25	

12 x 102 x 51.5	
76 / 25	
0.5...25	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	62	62	64
16	AWG 18...6	AWG 18...6	16 mm ²
8 kV / 3			
A6 / V-0			
Rated connection			
0.5...16 / 10...25			
0.5...25 / 0.5...16			
18 / 1.0 x 5.5 mm			
Note			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	62	62	64
16	AWG 18...6	AWG 18...6	16 mm ²
8 kV / 3			
A6 / V-0			
Rated connection			
0.5...16 / 10...25			
0.5...25 / 0.5...16			
18 / 1.0 x 5.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 16	20	2494000000
A2C 16 BL	20	2494100000
Note		

Type	Qty.	Order No.
A3C 16	20	2494090000
A3C 16 BL	20	2494080000
Note		

Accessories

Plug-in cross-connection	2-pole
End plate	dark beige blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole
Test plug	
Screwdriver	Standard
Marking tags	

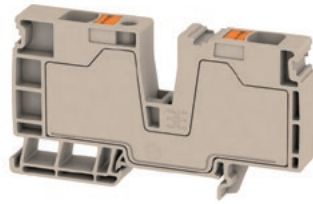
Type	Qty.	Order No.
ZQV 16N/2	76 A 25	2497290000
AEP 2C 10/16	20	2490380000
AEP 2C 10/16 BL	20	2490390000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 16N/2	76 A 25	2497290000
AEP 3C 10/16	20	2490530000
AEP 3C 10/16 BL	20	2490540000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

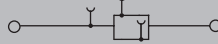
For detailed information on other accessories and application in the online catalogue

ALO 16

16 mm²



12 x 95.5 x 51.5
76 / 16
0.5...16



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	62	62	69
16	AWG 18...6	AWG 18...6	16 mm ²

8 kV / 3
A6 / V-0

® CC CE S c RU us KEUR EX UK PA TUEV16ATEX7909U

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue

Note

Type	Qty.	Order No.
ALO 16	20	2502280000
ALO 16 BL	20	2502320000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ZQV 6N/2	41 A 60	1985740000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

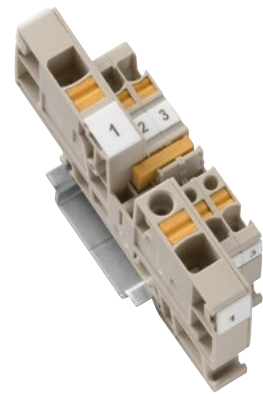
ATPG 1.5-10 L	0.2 A 50	1991890000
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PS 2.0 MC	20	0310000000
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SDIL 1,0X5,5X125	1	2749160000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

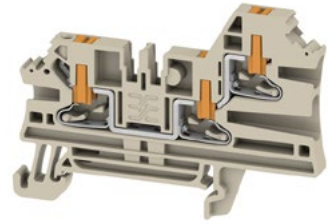
AL2C 2.5

2.5 mm²



AL3C 2.5

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 57 x 36.5	
24 / 2.5	
0.14...2.5	

5.1 x 68 x 48	
24 / 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			
TUEV22ATEX8826U			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			
TUEV22ATEX8826U			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
AL2C 2.5	100	2847200000
AL2C 2.5 BL	100	2847210000
Note		

Type	Qty.	Order No.
AL3C 2.5	50	2847330000
AL3C 2.5 BL	50	2847340000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

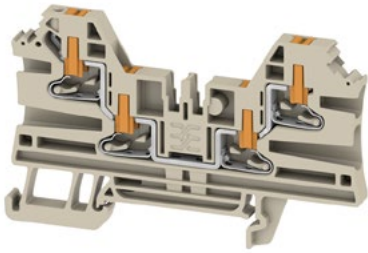
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
Note		
ALEP 2C 2.5	20	2871750000
ALEP 2C 2.5 BL	20	2871760000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
Note		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
Note		
ALEP 3C 2.5	20	2871770000
ALEP 3C 2.5 BL	20	2871780000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
Note		

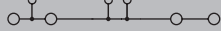
For detailed information on other accessories and application in the online catalogue

AL4C 2.5

2.5 mm²



5.1 x 79.5 x 48
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0



TUEV22ATEX8826U

Rated connection

0.5...4 / 0.5...2.5

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL4C 2.5	50	2847460000
AL4C 2.5 BL	50	2847470000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

ALEP 4C 2.5	20	2871790000
ALEP 4C 2.5 BL	20	2871800000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

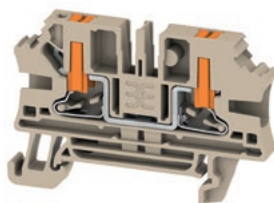


Spring connection with PUSH IN technology (A-Series)

Feed-through terminal blocks

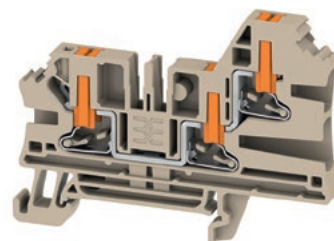
AL2C 4

4 mm²



AL3C 4

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 39.5	
32 / 6	
0.14...6	

6.1 x 71.5 x 52.5	
32 / 6	
0.14...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			
32			
4	AWG 24...10		
8 kV / 3			
A4 / V-0			
Rated connection			
0.5...6 / 0.5...4			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			
32			
4	AWG 24...10		
8 kV / 3			
A4 / V-0			
Rated connection			
0.5...6 / 0.5...4			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
AL2C 4	50	2847710000
AL2C 4 BL	50	2871870000
Note		

Type	Qty.	Order No.
AL3C 4	50	2847720000
AL3C 4 BL	50	2871990000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

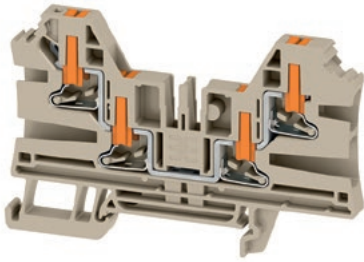
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP 2C 4	20	2871810000
ALEP 2C 4 BL	20	2871820000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP 3C 4	20	2871830000
ALEP 3C 4 BL	20	2871840000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

For detailed information on other accessories and application in the online catalogue

AL4C 4

4 mm²



6.1 x 83 x 52.5
32 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4	AWG 24...10		
		8 kV / 3	
		A4 / V-0	



Rated connection

0.5...6 / 0.5...4

0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL4C 4	50	2847730000
AL4C 4 BL	50	2872110000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP 4C 4	20	2871850000
ALEP 4C 4 BL	20	2871860000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000



Spring connection with PUSH IN technology (A-Series)

Feed-through terminal blocks

Universal range

A

A2C 35

35 mm²



A2C 35 DM

35 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16 x 101.5 x 71.5	
125 / 35	
2.5...35	

16 x 135 x 71.5	
125 / 35	
2.5...35	

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1				
IEC	UL	CSA	EN 60079-7	
1000 / 1500	1000	1000	880	
125	113	101	105	
35	AWG 12...2	AWG 12...2	35 mm ²	
8 kV / 3 / V-0				
TUEV16ATEX7909U				
Rated connection				
2.5...16 / 10...35				
10...35 / 2.5...35				
25 / 1.0 x 5.5 mm				
Note				

IEC 60947-7-1				
IEC	UL	CSA	EN 60079-7	
1000 / 1500	1000	1000	880	
125	113	101	105	
35	AWG 12...2	AWG 12...2	35 mm ²	
8 kV / 3 / V-0				
TUEV16ATEX7909U				
Rated connection				
2.5...16 / 10...35				
10...35 / 2.5...35				
25 / 1.0 x 5.5 mm				
Note				

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 35	10	2551510000
A2C 35 BL	10	2552090000

Type	Qty.	Order No.
A2C 35 DM	10	2551550000
A2C 35 BL DM	10	2552150000

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	
Cross connections insertable	
	2-pole
	3-pole

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	41 A 5	2583090000
AAC 35 2X6 BL	41 A 5	2583170000
AAC 35 2X6 BK-YL	41 A 5	2583190000
AAC 35 2X6 GN-YL	41 A 5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	41 A 5	2583090000
AAC 35 2X6 BL	41 A 5	2583170000
AAC 35 2X6 BK-YL	41 A 5	2583190000
AAC 35 2X6 GN-YL	41 A 5	2583180000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

For detailed information on other accessories and application in the online catalogue

Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

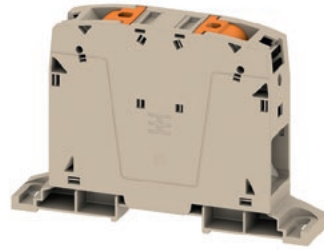
A

A2C 95/120 DM

95 mm²

A2C 150/185

150 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

25 x 133.5 x 90
232 / 120
25...120

31 x 118 x 98
309 / 185
50...185

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000 / 1500	600	600	1100
232	255	255	211
95	AWG 4...250	AWG 4...250	120 mm ²
8 kV / 3			
/ V-0			
TUEV16ATEX7909U			
Rated connection			
25...120 / 25...120			
25...120 / 25...95			
40 / 1.0 x 5.5 mm			
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000 / 1500	600	600	1100
309	310		272
150	AWG 2...350		185 mm ²
8 kV / 3			
B13 / V-0			
TUEV16ATEX7909U			
Rated connection			
50...150 / 50...185			
50...185 / 50...150			
40 / 1.0 x 5.5 mm			
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 95/120-DM	5	2694150000
A2C 95/120 BL-DM	5	2694160000

Type	Qty.	Order No.
A2C 150/185	5	2728700000
A2C 150/185 BL	5	2728710000

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	
Cross connections insertable	
	2-pole
	3-pole

Type	Qty.	Order No.
AAC 50-185 2X10	57 A	5 2663420000
AAC 50-185 2X10 BL	57 A	5 2663430000
AAC 50-185 2X10 BK-YL	57 A	5 2663450000
AAC 50-185 2X10 GN-YL	57 A	5 2663440000
ATPG 1.5-10 L	0.2 A	50 1991890000
PS 2.0 MC		20 0310000000
SDS 1.0X5.5X150		1 2749380000
AAM 35-185 YE FLASH		40 2635600000
WS-A 8/16 MM WS		200 2619910000
ZQV 95/120N/2	192 A	10 2694250000
ZQV 95/120N/3	192 A	10 2694260000

Type	Qty.	Order No.
AAC 50-185 2X10	57 A	5 2663420000
AAC 50-185 2X10 BL	57 A	5 2663430000
AAC 50-185 2X10 BK-YL	57 A	5 2663450000
AAC 50-185 2X10 GN-YL	57 A	5 2663440000
AEB 35 SC/1		50 1991920000
AEB 35 SCL/1 V0		20 2661280000
ATPG 1.5-10 L	0.2 A	50 1991890000
PS 2.0 MC		20 0310000000
SDS 1.0X5.5X150		1 2749380000
AAM 35-185 YE FLASH		40 2635600000
WS-A 8/16 MM WS		200 2619910000
ZQV 150/185N/2	232 A	5 2728840000
ZQV 150/185N/3	232 A	5 2728850000

For detailed information on other accessories and application in the online catalogue

A2C 150/185 DM

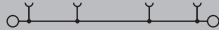
150 mm²



31 x 151 x 98

309 / 185

50...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm ²

8 kV / 3

B13 / V-0



TUEV16ATEX7909U

Rated connection

50...150 / 50...185

50...185 / 50...150

40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 150/185-DM	5	2728770000
A2C 150/185 BL-DM	5	2728780000

Type	Qty.	Order No.	
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 150/185N/2	232 A	5	2728840000
ZQV 150/185N/3	232 A	5	2728850000



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

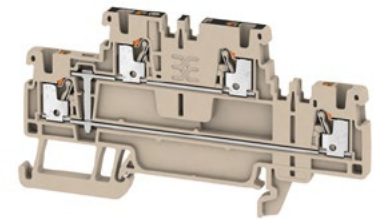
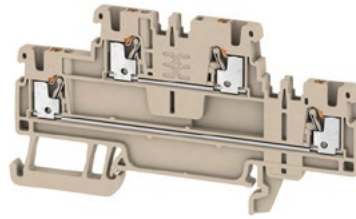
A

A2T 1.5

1.5 mm²

A2T 1.5 VL

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 84 x 45	
16 / 1.5	
0.14...1.5	

3.5 x 84 x 45	
16 / 1.5	
0.14...1.5	

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1				Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7				
500 / 500	300	300	440				
16	13	13	13.5				
1.5	AWG 26...14	AWG 26...14	1.5 mm ²				
6 kV / 3							
A1 / V-0							
				TUEV16ATEX7909U			
Rated connection							
0.5...1.5 / 0.5...1.5							
0.5...1.5 / 0.5...1							
8 / 0.4 x 2.0 mm							

IEC 60947-7-1				Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7				
500 / 500	300	300	440				
17.5	13	13	13.5				
1.5	AWG 26...14	AWG 26...14	1.5 mm ²				
6 kV / 3							
A1 / V-0							
				TUEV16ATEX7909U			
Rated connection							
0.5...1.5 / 0.5...1.5							
0.5...1.5 / 0.5...1							
8 / 0.4 x 2.0 mm							

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2T 1.5	50	2469370000
A2T 1.5 BL	50	2471430000

Type	Qty.	Order No.
A2T 1.5 VL	50	2469400000
A2T 1.5 VL BL	50	2471450000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

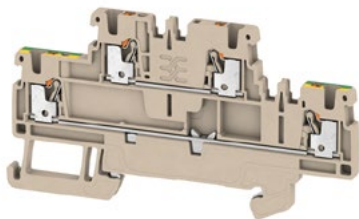
Type	Qty.	Order No.	
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5			
AEP 2T 1.5	20	2469420000	
AEP 2T 1.5 BL	20	2471470000	
AEB 35 SC/1			
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L			
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MHR	0.2 A	50	1991880000
PS 2.0 MC			
PS 2.0 MC	20	0310000000	
SDS 0.4X2.0X60			
SDS 0.4X2.0X60	1	2749260000	
WS 10/3.5 PLUS MC NE WS			
WS 10/3.5 PLUS MC NE WS	960	2003760000	
DEK 5/3.5 MM WS			
DEK 5/3.5 MM WS	1000	2007100000	
DEK 5/3.5 PLUS MC NE WS			
DEK 5/3.5 PLUS MC NE WS	1600	2003750000	
SNAPMARK 1.5			
SNAPMARK 1.5	40	2682080000	

Type	Qty.	Order No.	
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5			
AEP 2T 1.5	20	2469420000	
AEP 2T 1.5 BL	20	2471470000	
AEB 35 SC/1			
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L			
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MHR	0.2 A	50	1991880000
PS 2.0 MC			
PS 2.0 MC	20	0310000000	
SDS 0.4X2.0X60			
SDS 0.4X2.0X60	1	2749260000	
WS 10/3.5 PLUS MC NE WS			
WS 10/3.5 PLUS MC NE WS	960	2003760000	
DEK 5/3.5 MM WS			
DEK 5/3.5 MM WS	1000	2007100000	
DEK 5/3.5 PLUS MC NE WS			
DEK 5/3.5 PLUS MC NE WS	1600	2003750000	
SNAPMARK 1.5			
SNAPMARK 1.5	40	2682080000	

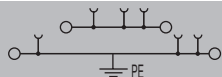
For detailed information on other accessories and application in the online catalogue

A2T 1.5 FT-PE

1.5 mm²



3.5 x 84 x 45
16 / 1.5
0.14...1.5



IEC 60947-7-1, IEC 60947-7-2
Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500 / 500	300	300	440
16	13	13	13.5
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

6 kV / 3

A1 / V-0

TUEV16ATEX7909U

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A2T 1.5 FT-PE	50	2469390000

Type	Qty.	Order No.	
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5	20	2469420000	
AEP 2T 1.5 BL	20	2471470000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC	20	0310000000	
SDS 0.4X2.0X60	1	2749260000	
WS 10/3.5 PLUS MC NE WS	960	2003760000	
DEK 5/3.5 MM WS	1000	2007100000	
DEK 5/3.5 PLUS MC NE WS	1600	2003750000	
SNAPMARK 1.5	40	2682080000	



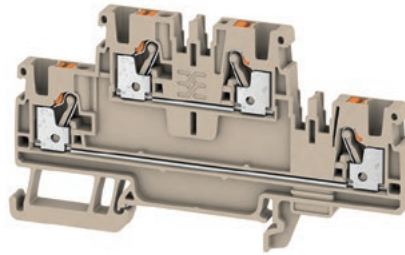
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

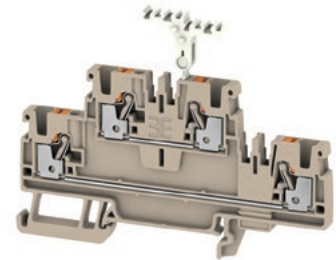
A2T 2.5

2.5 mm²



A2T 2.5 SNAPMARK

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 90 x 50.5	
24 / 4	
0.14...4	

5.1 x 90 x 69	
24 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2T 2.5	50	1547610000
A2T 2.5 BL	50	1547620000

Type	Qty.	Order No.
A2T 2.5 SNAPMARK	50	2581250000
A2T 2.5 SNAPMARK BL	50	2581280000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

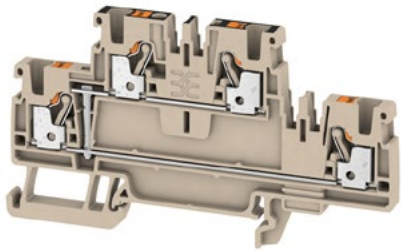
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5		
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR		
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3		
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5		
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS		
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3T 2.5		
AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428860000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR		
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3		
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5		
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS		
WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue

A2T 2.5 VL

2.5 mm²



5.1 x 90 x 50.5
24 / 4
0.14...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

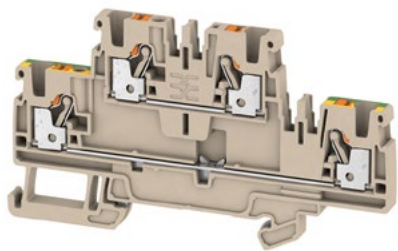
0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

A2T 2.5 FT-PE

2.5 mm²



5.1 x 90 x 50.5
24 / 4
0.14...4



IEC 60947-7-1, IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

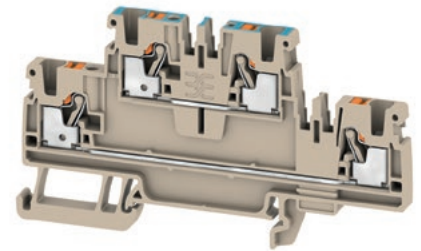
0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

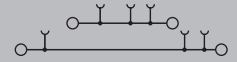
10 / 0.6 x 3.5 mm

A2T 2.5 N-FT

2.5 mm²



5.1 x 90 x 50.5
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			550
24			20
2.5			2.5 mm ²

8 kV / 3

/ V-0

TUEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 VL	50	1547650000
A2T 2.5 VL BL	50	1547660000

Type	Qty.	Order No.
A2T 2.5 FT-PE	50	1547640000

Type	Qty.	Order No.
A2T 2.5 N-FT	50	2723370000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000

AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000

AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

PS 2.0 MC	20	0310000000
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PS 2.0 MC	20	0310000000
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PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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SDIL 0,6X3,5X100	1	2749140000
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SDIL 0,6X3,5X100	1	2749140000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

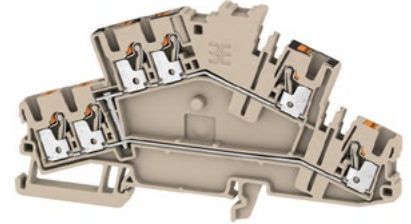
A

A2T 2.5 3C

2.5 mm²

A2T 2.5 3C VL

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 114.5 x 64
22 / 4
0.14...4

5.1 x 114.5 x 64
22 / 4
0.14...4

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	300		550
22	20		20
2.5	AWG 28...12		2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	300		550
22	20		20
2.5	AWG 28...12		2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2T 2.5 3C	50	2531290000
A2T 2.5 3C BL	50	2531510000

Type	Qty.	Order No.
A2T 2.5 3C VL	50	2531310000
A2T 2.5 3C VL BL	50	2531530000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

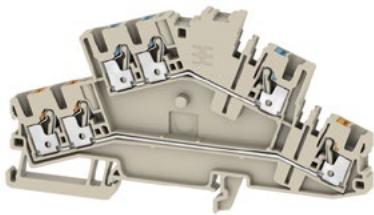
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 2T 2.5 3C	20	2532690000
AEP 2T 2.5 3C BL	20	2532700000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
Test plug		
PS 2.0 MC	20	0310000000
Screwdriver		
SDIL 0,6X3,5X100	1	2749140000
Marking tags		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
Test plug		
PS 2.0 MC	20	0310000000
Screwdriver		
SDIL 0,6X3,5X100	1	2749140000
Marking tags		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

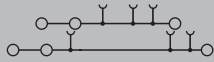
For detailed information on other accessories and application in the online catalogue

A2T 2.5 3C N-FT

2.5 mm²



5.1 x 114.5 x 64
22 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			550
22			20
2.5			2.5 mm ²
8 kV / 3 / V-0			

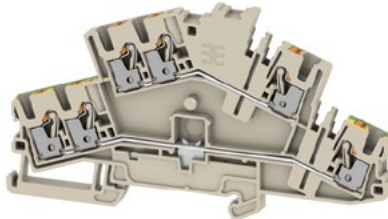
CE UK TUEV16ATEX7909U

Rated connection

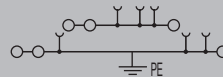
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

A2T 2.5 3C FT-PE

2.5 mm²



5.1 x 114.5 x 64
22 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300		550
22	20		20
2.5	AWG 28...12		2.5 mm ²
8 kV / 3 / V-0			
A3 / V-0			

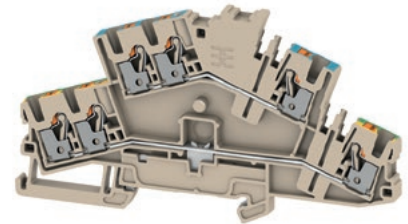
CE UK TUEV16ATEX7909U

Rated connection

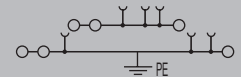
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

A2T 2.5 3C N-PE

2.5 mm²



5.1 x 114.5 x 64
22 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			550
22			20
2.5			2.5 mm ²
8 kV / 3			
A3 / V-0			

CE UK TUEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 3C N-FT	50	2736830000

Type	Qty.	Order No.
A2T 2.5 3C FT-PE	50	2531300000

Type	Qty.	Order No.
A2T 2.5 3C N-PE	50	2623550000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000



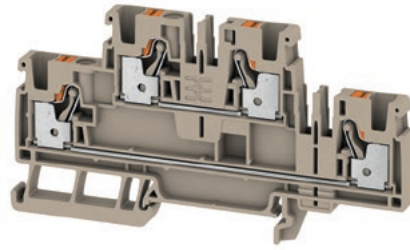
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

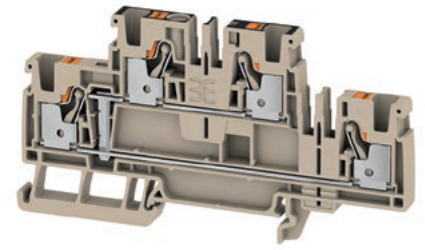
A2T 4

4 mm²



A2T 4 VL

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 100 x 53.5	
32 / 6	
0.14...6	

6.1 x 100 x 53.5	
32 / 6	
0.14...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm ²
8 kV / 3			
A4 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...4 / 0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm ²
8 kV / 3			
A4 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...4 / 0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2T 4	50	2539970000
A2T 4 BL	50	2540040000

Type	Qty.	Order No.
A2T 4 VL	50	2540020000
A2T 4 VL BL	50	2540030000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

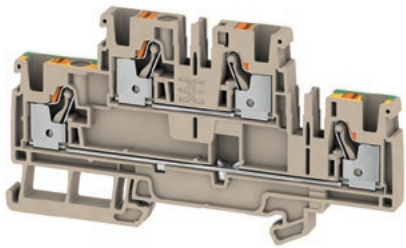
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

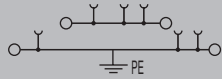
For detailed information on other accessories and application in the online catalogue

A2T 4 FT-PE

4 mm²



6.1 x 100 x 53.5
32 / 6
0.14...6



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm ²

8 kV / 3

A4 / V-0

CE, UL, CSA, KEUR, UK, TÜV, TÜEV16ATEX7909U

Rated connection

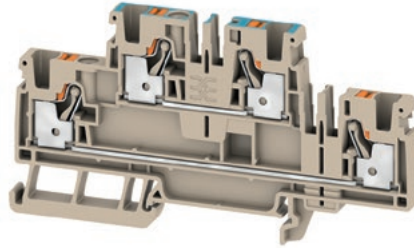
0.5...4 / 0.5...6

0.5...6 / 0.5...4

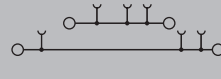
12 / 0.6 x 3.5 mm

A2T 4 N-FT

4 mm²



6.1 x 100 x 53.5
32 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			550
32			25
4			4 mm ²

8 kV / 3

A4 / V-0

CE, UL, CSA, KEUR, UK, TÜV, TÜEV16ATEX7909U

Rated connection

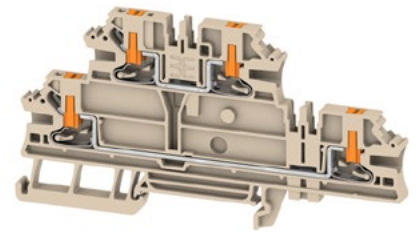
0.5...4 / 0.5...6

0.5...6 / 0.5...4

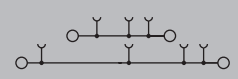
12 / 0.6 x 3.5 mm

AL2T 2.5

2.5 mm²



5.1 x 108 x 56.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			

8 kV / 3

A3 / V-0

CE, UL, CSA, KEUR, UK, TÜV, TÜEV16ATEX7909U

Rated connection

0.5...2.5 / 0.14...4

4...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 4 FT-PE	50	2539980000

Type	Qty.	Order No.
A2T 4 N-FT	50	2724450000

Type	Qty.	Order No.
AL2T 2.5	50	2847620000
AL2T 2.5 BL	50	2938210000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 2.5	20	2848010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

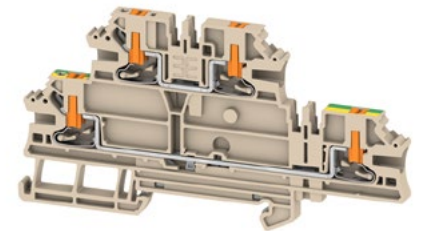
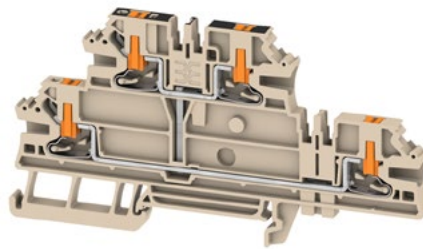
A

AL2T 2.5 VL

2.5 mm²

AL2T 2.5 FT-PE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 108 x 56.5
24 / 2.5
0.14...2.5

5.1 x 108 x 56.5
24 / 2.5
0.14...2.5

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
8 kV / 3			
A3 / V-0			
CE			
Rated connection			
0.5...2.5 / 0.14...4			
4...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
8 kV / 3			
A3 / V-0			
CE			
Rated connection			
0.5...2.5 / 0.14...4			
4...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
AL2T 2.5 VL	50	2847630000

Type	Qty.	Order No.
AL2T 2.5 FT-PE	50	2847640000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

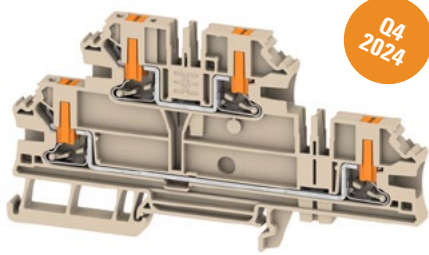
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 2.5	20	2848010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 2.5	20	2848010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

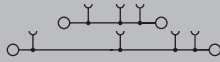
For detailed information on other accessories and application in the online catalogue

AL2T 4

4 mm²



6.1 x 113.5 x 59.5
32 / 6
0.14...6



IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A4 / V-0		

Rated connection

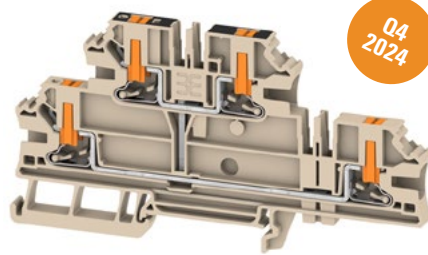
0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2T 4	50	2847780000

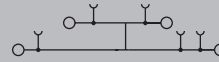
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 4	20	2848080000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

AL2T 4 VL

4 mm²



6.1 x 113.5 x 59.5
32 / 6
0.14...6



IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A4 / V-0		

Rated connection

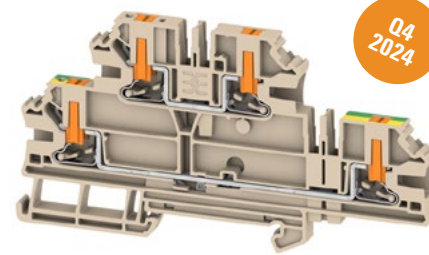
0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2T 4 VL	50	2847790000

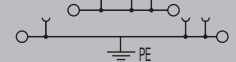
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 4	20	2848080000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

AL2T 4 FT-PE

4 mm²



6.1 x 113.5 x 59.5
32 / 6
0.14...6



IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A3 / V-0		

Rated connection

0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2T 4 FT-PE	50	2847800000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 4	20	2848080000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

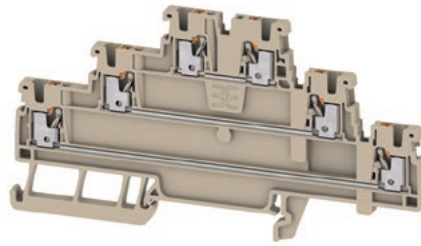
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

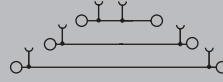
A

A3T 1.5

1.5 mm²

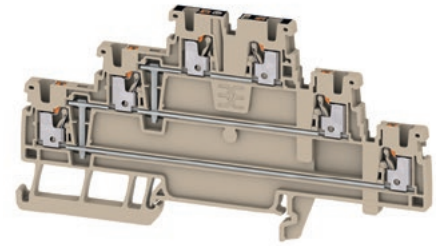


3.5 x 106.5 x 53
15 / 1.5
0.14...1.5

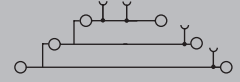


A3T 1.5 VL

1.5 mm²



3.5 x 106.5 x 53
15 / 1.5
0.14...1.5



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	440
15	15	15	14
1.5	AWG 26...14		1.5 mm ²
6 kV / 3			
A1 / V-0			
CE TUEV16ATEX7909U			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.5			
8 / 0.4 x 2.0 mm			
Note			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	440
15	15	15	15
1.5	AWG 26...14		1.5 mm ²
6 kV / 3			
A1 / V-0			
CE TUEV16ATEX7909U			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.5			
8 / 0.4 x 2.0 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A3T 1.5	50	2816930000
A3T 1.5 BL	50	2816940000
Note		

Type	Qty.	Order No.
A3T 1.5 VL	50	2817980000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

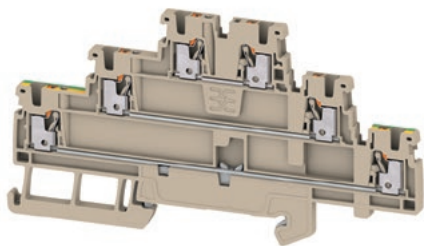
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3T 1.5	20	2816950000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
SNAPMARK 1.5	40	2682080000
Note		

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3T 1.5	20	2816950000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
SNAPMARK 1.5	40	2682080000
Note		

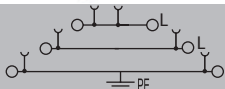
For detailed information on other accessories and application in the online catalogue

A3T 1.5 FT-FT-PE

1.5 mm²



3.5 x 106.5 x 53
15 / 1.5
0.14...1.5



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300	300	440
15	15	15	14
1.5		AWG 26...14	1.5 mm ²
6 kV / 3			
A1 / V-0			

CE cRUus TÜV TUEV16ATEX7909U

Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A3T 1.5 FT-FT-PE	50	2817990000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3T 1.5	20	2816950000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
SNAPMARK 1.5	40	2682080000



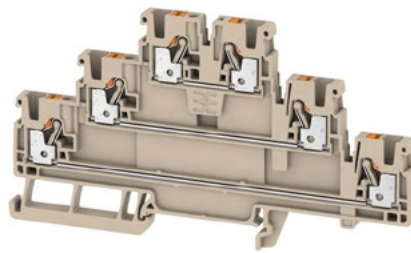
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

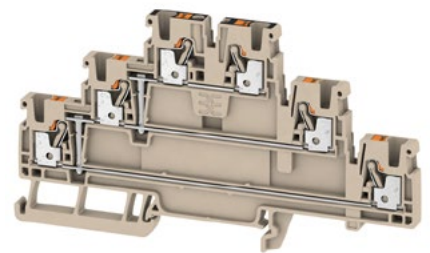
A3T 2.5

2.5 mm²



A3T 2.5 VL

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 116 x 64.5	
22 / 4	
0.14...4	

5.1 x 116 x 64.5	
24 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

DIN EN 60947-7-1

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

DIN EN 60947-7-1

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A3T 2.5	50	2428510000
A3T 2.5 BL	50	2428520000

Type	Qty.	Order No.
A3T 2.5 VL	25	2428540000
A3T 2.5 VL BL	25	2428550000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

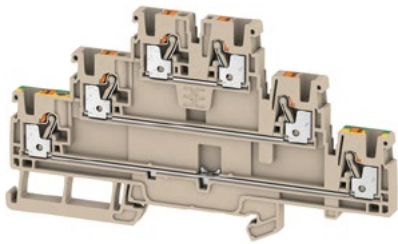
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428860000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
Test plug		
PS 2.0 MC	20	0310000000
Screwdriver		
SDIL 0,6X3,5X100	1	2749140000
Marking tags		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428860000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
Test plug		
PS 2.0 MC	20	0310000000
Screwdriver		
SDIL 0,6X3,5X100	1	2749140000
Marking tags		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

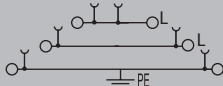
For detailed information on other accessories and application in the online catalogue

A3T 2.5 FT-PE

2.5 mm²



5.1 x 116 x 64.5
24 / 4
0.14...4



Ex eb II
C Gb II 2 G D

DIN EN 60947-7-1, DIN EN 60947-7-2

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

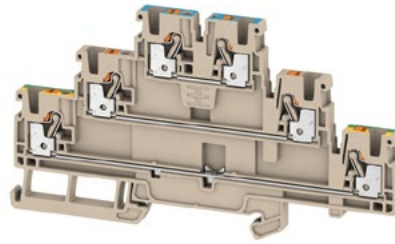
0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

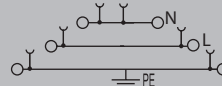
10 / 0.6 x 3.5 mm

A3T 2.5 N-FT-PE

2.5 mm²



5.1 x 116 x 64.5
24 / 4
0.14...4



Ex eb II
C Gb II 2 G D

DIN EN 60947-7-1, DIN EN 60947-7-2

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3T 2.5 FT-PE	50	2428530000

Type	Qty.	Order No.
A3T 2.5 N-FT-PE	50	2428840000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428860000

AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428860000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

PS 2.0 MC	20	0310000000
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PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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SDIL 0,6X3,5X100	1	2749140000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

AMC 2.5

2.5 mm²



AMC 2.5 800 V

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 107.5 x 88	
22 / 2.5	
0.14...2.5	

6.1 x 107.5 x 88	
22 / 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

DIN EN 60947-7-1, DIN EN 60947-7-2			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
690	150	150	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

DIN EN 60947-7-1, DIN EN 60947-7-2			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	600	600	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
AMC 2.5	50	2434340000

Type	Qty.	Order No.
AMC 2.5 800V	50	2434370000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZVQ 2.5/1.5	24 A 50	1720700000
AEP MC 2.5	25	2433820000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

For detailed information on other accessories and application in the online catalogue



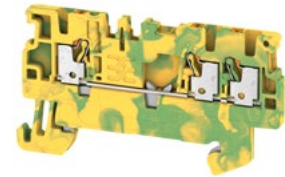
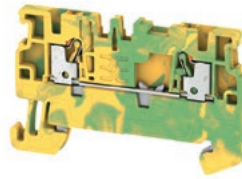
Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

A2C 1.5 PE

1.5 mm²

A3C 1.5 PE

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

3.5 x 55 x 33.5	
/ 1.5	
0.14...1.5	

3.5 x 61.5 x 33.5	
/ 1.5	
0.14...1.5	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-2 Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
3			
A1 / V-0			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

IEC 60947-2 Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
3			
A1 / V-0			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
A2C 1.5 PE	50	1552680000

Type	Qty.	Order No.
A3C 1.5 PE	50	1552670000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

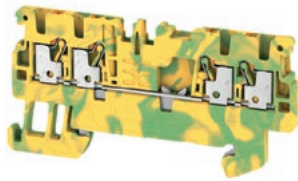
Type	Qty.	Order No.
AEP 2C 1.5	50	1552600000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 M-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
AEP 3C 1.5	50	1552620000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 M-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

For detailed information on other accessories and application in the online catalogue

A4C 1.5 PE

1.5 mm²



3.5 x 67.5 x 33.5
/ 1.5
0.14...1.5



Ex eb II C GbII

2 G D



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
3			
A1 / V-0			

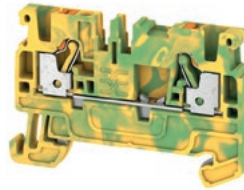


Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

A2C 2.5 PE

2.5 mm²



5.1 x 55 x 36.5
/ 4
0.14...4



Ex eb II C GbII

2 G D



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

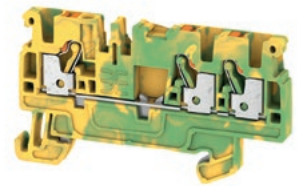


Rated connection

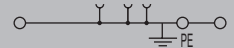
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

A3C 2.5 PE

2.5 mm²



5.1 x 66.5 x 36.5
/ 4
0.14...4



Ex eb II C GbII

2 G D



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			



Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A4C 1.5 PE	50	1552660000

Type	Qty.	Order No.
A2C 2.5 PE	50	1521680000

Type	Qty.	Order No.
A3C 2.5 PE	50	1521670000

Type	Qty.	Order No.	
AEP 4C 1.5	50	1552640000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC	20	0310000000	
SDS 0.4X2.0X60	1	2749260000	
WS 10/3.5 PLUS MC NE WS	960	2003760000	
DEK 5/3.5 MM WS	1000	2007100000	
DEK 5/3.5 PLUS MC NE WS	1600	2003750000	

Type	Qty.	Order No.	
AEP 2C 2.5	50	1514400000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	

Type	Qty.	Order No.	
AEP 3C 2.5	50	1521510000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	

Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

Universal range

A

A4C 2.5 PE

2.5 mm²



A2C 4 PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 77.5 x 36.5	
/ 4	
0.14...4	

6.1 x 60 x 39.5	
/ 6	
0.14...6	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2 Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

IEC 60947-7-2 Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
A4C 2.5 PE	50	1521540000

Type	Qty.	Order No.
A2C 4 PE	50	2051360000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

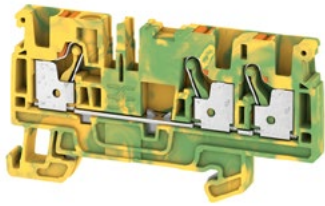
Type	Qty.	Order No.
AEP 4C 2.5	50	1521530000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
AEP 2C 4	50	2051680000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

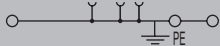
For detailed information on other accessories and application in the online catalogue

A3C 4 PE

4 mm²



6.1 x 74 x 39.5
/ 6
0.14...6



Ex eb II C GbII

2 G D



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			

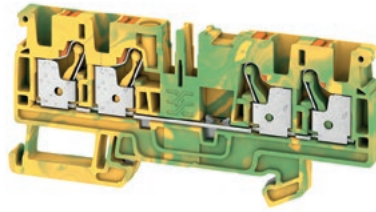


Rated connection

0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

A4C 4 PE

4 mm²



6.1 x 87.5 x 39.5
/ 6
0.14...6



Ex eb II C GbII

2 G D



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection

0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

A2C 6 PE

6 mm²



8.1 x 66.5 x 45.5
/ 10
0.34...10



Ex eb II C GbII

2 G D



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 22...8	6 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			



Rated connection

0.5...6 / 0.5...6
0.5...10 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A3C 4 PE	50	2051410000

Type	Qty.	Order No.
A4C 4 PE	50	2051560000

Type	Qty.	Order No.
A2C 6 PE	50	1991810000

Type	Qty.	Order No.	
AEP 3C 4	20	2051720000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	

Type	Qty.	Order No.	
AEP 4C 4	20	2051900000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
WS 10/6 M PLUS MC NE WS	600	2003780000	
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
DEK 5/6 PLUS MC NE WS	1000	1011320000	

Type	Qty.	Order No.	
AEP 2C 6	50	1991970000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 6 MI-R	0.2 A	50	1991930000
PS 2.0 MC	20	0310000000	
SDIL 1,0X5,5X125	1	2749160000	
DEK-A 5/8 MM WS	500	2448860000	
WS-A 8/8 MM WS	500	2448930000	
DEK 5/8 PLUS MC NE WS	800	1046350000	
WS 10/8 PLUS MC NE WS	420	1905950000	



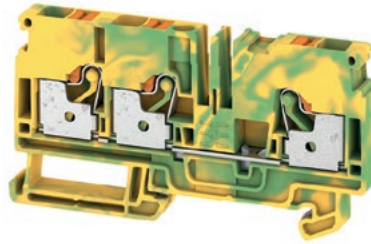
Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

Universal range

A

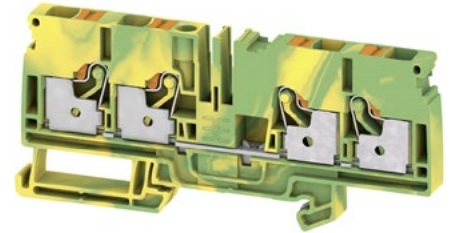
A3C 6 PE

6 mm²



A4C 6 PE

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

8.1 x 84.5 x 45.5	
/ 10	
0.34...10	

8.1 x 102 x 45.5	
41 / 10	
0.34...10	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 22...8	6 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			

Ex eb II C GbII 2 G D

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8		6 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Note

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
A3C 6 PE	50	1991850000

Type	Qty.	Order No.
A4C 6 PE	50	2881490000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
AEP 3C 6	50	1991940000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 M/R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
AEP 4C 6	50	2876180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 M/R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

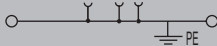
For detailed information on other accessories and application in the online catalogue

A2C 10 PE

10 mm²



10 x 80.5 x 51.5
/ 16
0.5...16



Ex eb II C GbII
2 G D



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 20...6	AWG 20...6	
1000			
8			
1200 A (10 mm ²)			
3			
A6 / V-0			



Rated connection

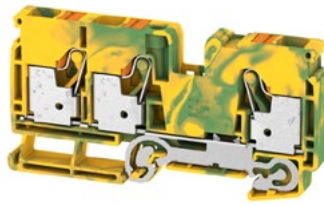
0.5...10 / 0.5...16
0.5...16 / 0.5...10
18 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 10 PE	25	2490440000

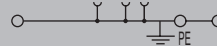
Type	Qty.	Order No.	
AEP 2C 10/16	20	2490380000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDIL 1,0X5,5X125	1	2749160000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
DEK 5/8 PLUS MC NE WS	800	1046350000	
WS 10/8 PLUS MC NE WS	420	1905950000	

A3C 10 PE

10 mm²



10 x 102 x 51.5
/ 16
0.5...16



Ex eb II C GbII
2 G D



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 20...6	AWG 20...6	
1000			
8			
1200 A (10 mm ²)			
3			
A6 / V-0			



Rated connection

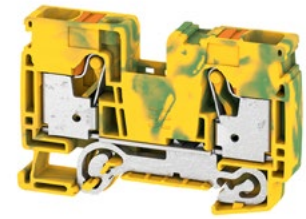
0.5...10 / 0.5...16
0.5...16 / 0.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A3C 10 PE	25	2490590000

Type	Qty.	Order No.	
AEP 3C 10/16	20	2490530000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDIL 1,0X5,5X125	1	2749160000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
DEK 5/8 PLUS MC NE WS	800	1046350000	
WS 10/8 PLUS MC NE WS	420	1905950000	

A2C 16 PE

16 mm²



12 x 80.5 x 51.5
/ 25
0.5...25



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 18...6	AWG 18...6	16 mm ²
1000			
8			
1920 A (16 mm ²)			
3			
A6 / V-0			



Rated connection

0.5...16 / 10...25
0.5...25 / 0.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 16 PE	20	2494010000

Type	Qty.	Order No.	
AEP 2C 10/16	20	2490380000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDIL 1,0X5,5X125	1	2749160000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
WS-A 8/12 MM WS	300	2619900000	
DEK 5/8 PLUS MC NE WS	800	1046350000	
WS 10/8 PLUS MC NE WS	420	1905950000	



Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

Universal range

A

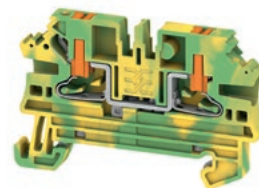
A3C 16 PE

16 mm²



AL2C 2.5 PE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

12 x 102 x 51.5	
/ 25	
0.5...25	

5.1 x 57 x 36.5	
/ 2.5	
0.14...2.5	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 18...6	AWG 18...6	16 mm ²
1000			
8			
1920 A (16 mm ²)			
3			
A6 / V-0			
Rated connection			
0.5...16 / 10...25			
0.5...25 / 0.5...16			
18 / 1.0 x 5.5 mm			

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	
	Green/yellow
Note	

Type	Qty.	Order No.
A3C 16 PE	20	2494020000

Type	Qty.	Order No.
AL2C 2.5 PE	100	2847590000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

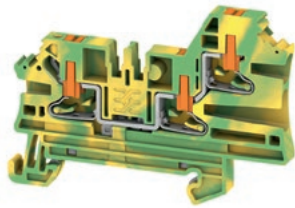
Type	Qty.	Order No.
AEP 3C 10/16	20	2490530000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS-A 8/12 MM WS	300	2619900000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ALEP 2C 2.5	20	2871750000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

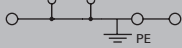
For detailed information on other accessories and application in the online catalogue

AL3C 2.5 PE

2.5 mm²



5.1 x 68 x 48
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		

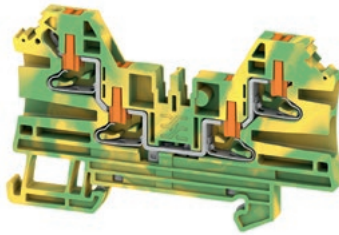


Rated connection

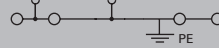
0.5...4 / 0.5...2.5
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

AL4C 2.5 PE

2.5 mm²



5.1 x 79.5 x 48
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		



Rated connection

0.5...4 / 0.5...2.5
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

AL2C 4 PE

4 mm²



6.1 x 60 x 39.5
/ 6
0.14...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 24...10		
1000			
8			
	480 A (4 mm ²)		
	3		
	A4 / V-0		



Rated connection

0.5...6 / 0.5...4
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL3C 2.5 PE	50	2847600000

Type	Qty.	Order No.
AL4C 2.5 PE	50	2847610000

Type	Qty.	Order No.
AL2C 4 PE	50	2847740000

Type	Qty.	Order No.	
ALEP 3C 2.5	20	2871770000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	

Type	Qty.	Order No.	
ALEP 4C 2.5	20	2871790000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	

Type	Qty.	Order No.	
ALEP 2C 4	20	2871810000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
WS 10/6 M PLUS MC NE WS	600	2003780000	
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
DEK 5/6 PLUS MC NE WS	1000	1011320000	



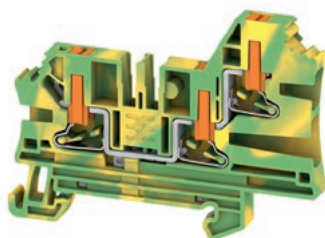
Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

Universal range

A

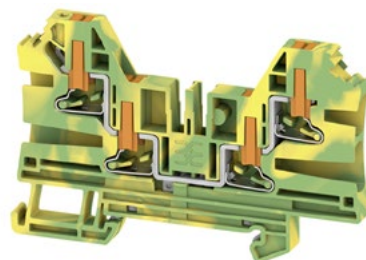
AL3C 4 PE

4 mm²



AL4C 4 PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.1 x 71.5 x 52.5	/ 6	
0.14...6		

6.1 x 83 x 52.5	/ 6	
0.14...6		

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
4	AWG 24...10		
1000			
8			
	480 A (4 mm ²)		
	3		
	A4 / V-0		
Rated connection			
0.5...6 / 0.5...4			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
4	AWG 24...10		
1000			
8			
	480 A (4 mm ²)		
	3		
	A4 / V-0		
Rated connection			
0.5...6 / 0.5...4			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

Note

Ordering data

Version	
	Green/yellow
Note	

Type	Qty.	Order No.
AL3C 4 PE	50	2847750000

Type	Qty.	Order No.
AL4C 4 PE	50	2847770000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

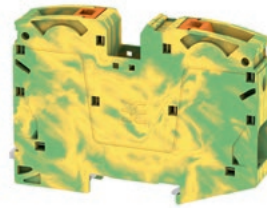
Type	Qty.	Order No.
ALEP 3C 4	20	2871830000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ALEP 4C 4	20	2871850000
ALEP 3C 4 BL	20	2871840000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

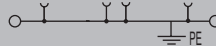
For detailed information on other accessories and application in the online catalogue

A2C 35 PE

35 mm²



16 x 101 x 71.5
/ 35
2.5...35



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm ²
1000 / 1500			
8			
4200 A (35 mm ²)			
3			
/ V-0			



Rated connection

2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

A2C 50/70 PE

50 mm²



20 x 101.5 x 80.5
/ 70
10...70



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
50	AWG 8...0	AWG 8...NaN	70 mm ²
1000 / 1500			
8			
6000 A (50 mm ²)			
3			
/ V-0			



Rated connection

10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V/V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

Clamped conductors

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Marking tags	
Additional tap	green/yellow
Warning labels	

Type	Qty.	Order No.
A2C 35 PE	10	2551520000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
WS-A 8/16 MM WS	200	2619910000
AAC 35 2X6 GN-YL	41 A 5	2583180000
AAM 35-185 YE FLASH	40	2635600000

Type	Qty.	Order No.
A2C 50/70 PE	5	2663280000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
WS-A 8/16 MM WS	200	2619910000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
AAM 35-185 YE FLASH	40	2635600000

For detailed information on other accessories and application in the online catalogue



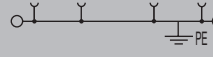
Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

A2C 95/120 PE

95 mm²



Width/Height/Depth	25 x 101.5 x 90
max. current / max. cond. cross-section	/ 120
Max. clamping range	25...120



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V/V
Rated impulse withstand voltage to adjacent terminal	-
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

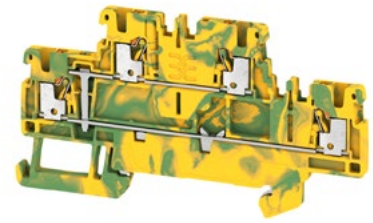
Accessories

End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Marking tags	
Additional tap	green/yellow
Warning labels	

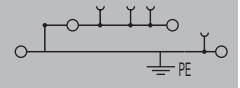
For detailed information on other accessories and application in the online catalogue

A2T 1.5 PE

1.5 mm²



Width/Height/Depth	3.5 x 84 x 45
max. current / max. cond. cross-section	/ 1.5
Max. clamping range	0.14...1.5



IEC 60947-7-2
Ex eb II C GbII
2 G D

Rated data			
IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
1000 / 1500			
500 / 500			
6			
14400 A (120 mm ²)			
180 A (1.5 mm ²)			
3			
A1 / V-0			
Approvals			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1			
8 / 0.4 x 2.0 mm			

Note

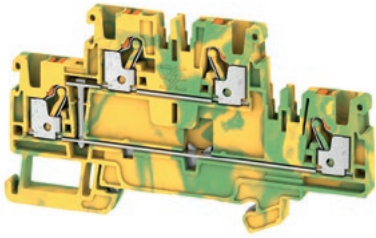
Type	Qty.	Order No.
A2T 1.5 PE	50	2469410000

Type	Qty.	Order No.	
AEP 2T 1.5	20	2469420000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 M-R	0.2 A	50	1991880000
PS 2.0 MC	20	0310000000	
SDIS 0.4X2.0X60	1	2749780000	
WS 10/3.5 PLUS MC NE WS	960	2003760000	
DEK 5/3.5 MM WS	1000	2007100000	
DEK 5/3.5 PLUS MC NE WS	1600	2003750000	
SNAPMARK 1.5	40	2682080000	
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AAM 35-185 YE FLASH	40	2635600000	

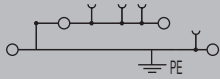
For detailed information on other accessories and application in the online catalogue

A2T 2.5 PE

2.5 mm²



5.1 x 90 x 50.5
/ 4
0.14...4



Ex eb II C GbII
2 G D



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800 / 800			
6			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		

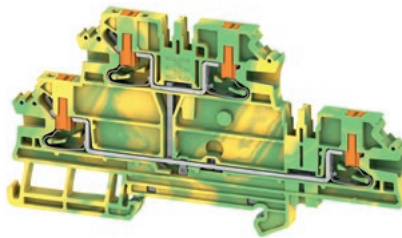


Rated connection

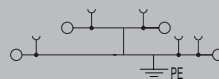
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

AL2T 2.5 PE

2.5 mm²



5.1 x 108 x 56.5
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800 /			
8			
	3		
	A3 / V-0		

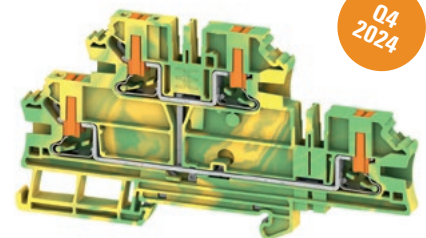
CE

Rated connection

0.5...2.5 / 0.14...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

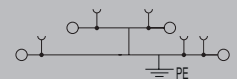
AL2T 4 PE

4 mm²



Q4
2024

6.1 x 113.5 x 59.5
/ 6
0.14...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4			
800 / 800			
6			
	3		
	A4 / V-0		

Rated connection

0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 PE	50	1547680000

Type	Qty.	Order No.
AL2T 2.5 PE	50	2847650000

Type	Qty.	Order No.
AL2T 4 PE	50	2847810000

Type	Qty.	Order No.	
AEP 2T 2.5	20	1547690000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	
SNAPMARK 1.5	40	2682080000	
DEK 5/5 MM WS	800	2007110000	

Type	Qty.	Order No.	
ALEP 2T 2.5	20	2848010000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	
SNAPMARK 1.5	40	2682080000	
DEK 5/5 MM WS	800	2007110000	

Type	Qty.	Order No.	
ALEP 2T 4	20	2848080000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	
SNAPMARK 1.5	40	2682080000	
DEK 5/5 MM WS	800	2007110000	



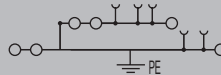
Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

A2T 2.5 3C PE

2.5 mm²

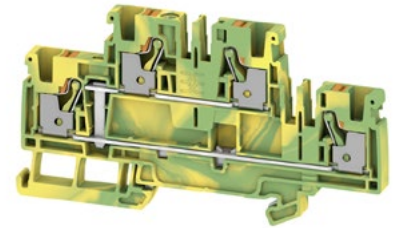


5.1 x 114.2 x 64
/ 4
0.14...4

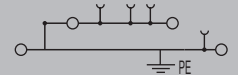


A2T 4 PE

4 mm²



6.1 x 100 x 53.5
/ 6
0.14...6



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Green/yellow
Note	

Accessories

End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Marking tags	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12		2.5 mm ²
800			
6			
300 A (2.5 mm ²)			
3			
A3 / V-0			



Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10		4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection

0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Note

Type	Qty.	Order No.
A2T 2.5 3C PE	50	2531320000
Note		

Type	Qty.	Order No.
A2T 2.5 3C PE	50	2531320000

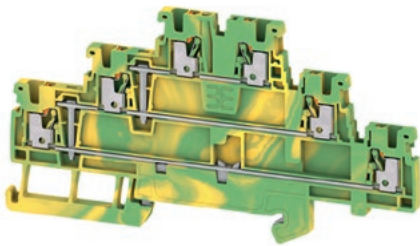
Type	Qty.	Order No.	
AEP 2T 4	20	2540000000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MHR	0.2 A	50	1991860000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/6 PLUS MC NE WS	1000	1011320000	
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
WS 10/6 M PLUS MC NE WS	600	2003780000	
SNAPMARK I	50	1805880000	

Type	Qty.	Order No.	
AEP 2T 2.5 3C	20	2532690000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MHR	0.2 A	50	1991960000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
WS 10/5 M PLUS MC NE WS	600	2003770000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	

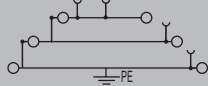
For detailed information on other accessories and application in the online catalogue

A3T 1.5 PE

1.5 mm²



3.5 x 106.5 x 57
/ 1.5
0.14...1.5



IEC 60947-7-2

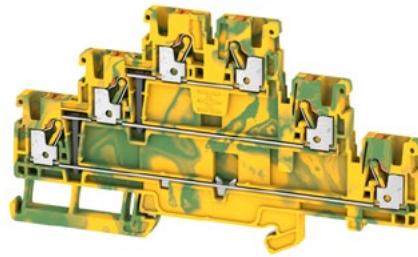
IEC	UL	CSA	EN 60079-7
1.5		AWG 26...14	
500			
6			
180 A (1.5 mm ²)			
3			
A1 / V-0			

CE cULus

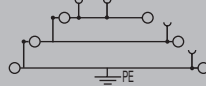
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

A3T 2.5 PE

2.5 mm²



5.1 x 116 x 64.5
/ 4
0.14...4



DIN EN 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			
6			
300 A (2.5 mm ²)			
3			
A3 / V-0			

Ex eb II C GbII
2 G D



CE cULus KEMA UK CA

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3T 1.5 PE	50	281800000

Type	Qty.	Order No.
A3T 2.5 PE	50	242855000

Type	Qty.	Order No.
AEP 3T 1.5	20	281695000
AEB 35 SC/1	50	199192000
AEB 35 SCL/1 VO	20	266128000
ATPG 1.5-10 L	0.2 A 50	199189000
ATPG 1.5 MI-R	0.2 A 50	199188000
PS 2.0 MC	20	031000000
SDS 0.4X2.0X60	1	274926000
DEK 5/3.5 PLUS MC NE WS	1600	200375000
DEK 5/3.5 MM WS	1000	200710000
WS 10/3.5 PLUS MC NE WS	960	200376000
SNAPMARK 1.5	40	268208000

Type	Qty.	Order No.
AEP 3T 2.5	20	242856000
AEB 35 SC/1	50	199192000
AEB 35 SCL/1 VO	20	266128000
ATPG 1.5-10 L	0.2 A 50	199189000
ATPG 2.5 MI-R	0.2 A 50	199196000
PS 2.0 MC	20	031000000
SDIL 0,6X3,5X100	1	274914000
WS 10/5 M PLUS MC NE WS	600	200377000
DEK 5/5 MM WS	800	200711000
WS 8/5 MM WS	800	200715000
DEK 5/5 PLUS MC NE WS	1000	185449000
SNAPMARK I	50	180588000



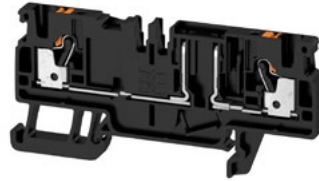
Spring connection with PUSH IN technology (A series)
Fuse terminals blocks

Universal range

A

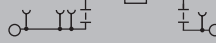
AFS 2.5 CF 2C

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 77.5 x 37.65
10 / 4
0.14...4



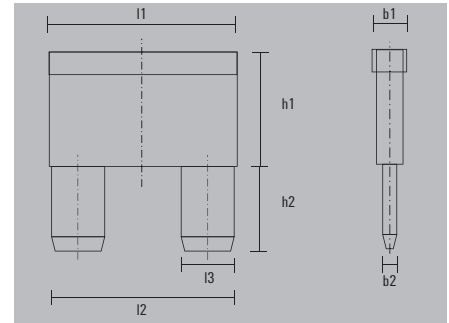
Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	
Note	

In accordance with IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	16	16	
2.5	AWG 28...12	AWG 28...12	
/ 3			
A3 /			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Dimensions for blade-type fuse inserts according to
DIN 72581-3:2001-03



b1 max.	b2 ± 0.4	h1 max.	h2 ± 0.2	l1 max.	l2 ± 0.3	l3 ± 0.2
4	0.82	9	7.5	12	10.9	2.8
Note						

Ordering data

Version	
	400 V DC
	12 V DC
	24 V DC
Note	

Type	Qty.	Order No.
AFS 2.5 CF 2C BK	50	2466530000
AFS 2.5 CF 2C 12V BK	50	2466610000
AFS 2.5 CF 2C 24V BK	50	2466600000
Note		

Accessories

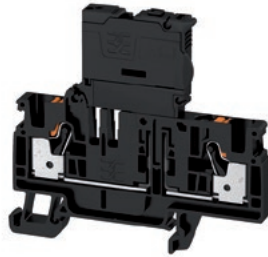
Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	Black
Test plug	
Terminal blocks identical in contour	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5 BK		
	50	2486660000
PS 2.0 MC		
	20	0310000000
A3C 2.5	24 A 100	1521740000
A3C 2.5 PE	50	1521670000
ADT 2.5 2C	20 A 50	1989800000
A2C 2.5 /DT/FS	24 A 100	1989900000
A2C 2.5 PE/DT/FS	50	1989890000
SDIL 0,6X3,5X100		
	1	2749140000
DEK 5/5 PLUS MC NE WS		
	1000	1854490000
WS 10/5 M PLUS MC NE WS		
	600	2003770000
DEK 5/5 MM WS		
	800	2007110000
WS 8/5 MM WS		
	800	2007150000
Note		

For detailed information on other accessories and application in the online catalogue

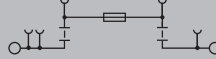
AFS 4 2C

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 74 x 68
6.3 / 6
0.14...6



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	
Note	

DIN EN 60947-3

Ex ec II
C Gc II 3 G D

IEC	UL	CSA	EN 60079-7
500	150 (C)	150 (C)	
6.3	10	10	6.3
4	AWG 26...10	AWG 26...10	4 mm ²
4 kV / 3			
A4 / V-0			
TUEV17ATEX8064U			
Rated connection			
0.5...4 / 0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
AFS 4 2C BK	50	2429860000
AFS 4 2C 10-36V BK	50	2429870000
AFS 4 2C 30-70V BK	50	2434350000
AFS 4 2C 60-150V BK	50	2434380000
AFS 4 2C 100-250V BK	50	2434390000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	Black
Test plug	
Terminal blocks identical in contour	
Screwdriver	
	Standard
Marking tags	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4 BK		
	20	2486640000
PS 2.0 MC		
	20	0310000000
A3C 4		
	32 A 50	2051240000
A3C 4 PE		
	50	2051410000
SDIL 0,6X3,5X100		
	1	2749140000
DEK 5/6 PLUS MC NE WS		
	1000	1011320000
WS 10/6 M PLUS MC NE WS		
	600	2003780000
DEK 5/6 MM WS		
	600	2007120000
WS 8/6 MM WS		
	600	2007160000
G 20/0.25A/F		
	0.25 A 10	0430500000
G 20/0.50A/F		
	0.5 A 10	0430600000
G 20/1.00A/F		
	1 A 10	0430700000
G 20/2.00A/F		
	2 A 10	0430900000
Note		

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	41 °C	4,0 W / 6,3 A	31 °C	1,6 W / 6,3 A
In combination	32 °C	2,5 W / 6,3 A	34 °C	1,6 W / 6,3 A
Note				

Spring connection with PUSH IN technology (A series)

Fuse terminals blocks

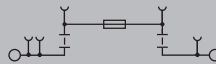
AFS 4 2C BK/BL

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 74 x 68
6.3 / 6
0.14...6



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

DIN EN 60947-7-3

IEC	UL	CSA	EN 60079-7
500	150 (C)	150 (C)	
6.3	10	10	6.3
4	AWG 26...10	AWG 26...10	4 mm ²
4 kV / 3			
A4 / V-0			

® TUEV17ATEX8064U

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

Note

Ordering data

Version	500 V AC/DC, without LED
Note	

Type	Qty.	Order No.
AFS 4 2C BK/BL	50	2548140000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	Black
Test plug	
Terminal blocks identical in contour	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4 BK	20	2486640000
PS 2.0 MC	20	0310000000
A3C 4	32 A 50	2051240000
A3C 4 PE	50	2051410000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

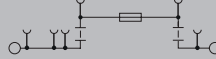
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	41 °C	4,0 W / 6,3 A	31 °C	1,6 W / 6,3 A
In combination	32 °C	2,5 W / 6,3 A	34 °C	1,6 W / 6,3 A

For detailed information on other accessories and application in the online catalogue

ALFS 4 2C BK

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 73.5 x 68
6.3 / 6
0.14...6

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
4			
	4 kV / 3		
	A4 / V-0		

CE

Rated connection	
0.5...6 / 0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	

Type	Qty.	Order No.
ALFS 4 2C BK	50	2898780000
ALFS 4 2C 10-36V BK	50	2898790000
ALFS 4 2C 30-70V BK	50	2898800000
ALFS 4 2C 60-150V BK	50	2898810000
ALFS 4 2C 100-250V BK	50	2898820000

Note

Accessories

Plug-in cross-connection	
2-pole	
10-pole	

End plate	
dark beige	
blue	

Test plug

Terminal blocks identical in contour

Screwdriver	
Standard	

Marking tags

G-fuse cartridge, 5 x 20 mm (IEC 60127-2)

0.25 A fast
0.50 A fast
1.00 A fast
2.00 A fast

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

ALEP DT 4 2C	20	2898890000
ALEP DT 4 2C BL	20	2898900000

PS 2.0 MC	20	0310000000
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A3C 4	32 A 50	2051240000
A3C 4 PE	50	2051410000

SDIL 0,6X3,5X100	1	2749140000
------------------	---	------------

DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

For detailed information on other accessories and application in the online catalogue



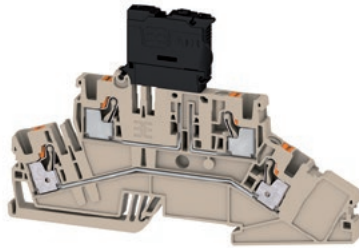
Spring connection with PUSH IN technology (A series)
Fuse terminals blocks

Universal range

A

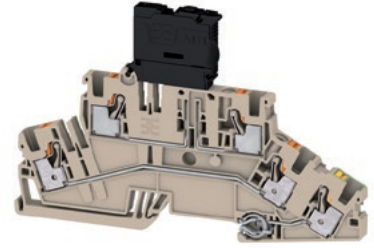
A2T 4 FS-FT

4 mm²



A2T 4 FS-FT-PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 126.5 x 83.5	
6.3 / 6	
0.14...6	

6.1 x 126.5 x 83.5	
6.3 / 6	
0.14...6	

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	
Note	

IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250		150 (C)	
6.3		30	25
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
		TUEV16ATEX7909U	
Rated connection			
0.5...4 / 0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250		150 (C)	
6.3		30	25
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
		TUEV16ATEX7909U	
Rated connection			
0.5...4 / 0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
A2T 4 FS-FT	50	2831500000

Type	Qty.	Order No.
A2T 4 FS-FT-PE	50	2831510000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
Test plug	
Terminal blocks identical in contour	
Screwdriver	
	Standard
Marking tags	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS		
	20	2817060000
PS 2.0 MC		
	20	0310000000
A2T 4 DT-FT	20 A 50	2831520000
A2T 4 DT-FT-PE	20 A 50	2831530000
A2T 4 FS-FT-PE	6.3 A 50	2831510000
SDIL 0,6X3,5X100		
	1	2749140000
DEK 5/6 PLUS MC NE WS		
	1000	1011320000
WS 10/6 M PLUS MC NE WS		
	600	2003780000
DEK 5/6 MM WS		
	600	2007120000
WS 8/6 MM WS		
	600	2007160000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

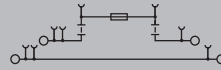
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS		
	20	2817060000
PS 2.0 MC		
	20	0310000000
A2T 4 DT-FT	20 A 50	2831520000
A2T 4 DT-FT-PE	20 A 50	2831530000
A2T 4 FS-FT	6.3 A 50	2831500000
SDIL 0,6X3,5X100		
	1	2749140000
DEK 5/6 PLUS MC NE WS		
	1000	1011320000
WS 10/6 M PLUS MC NE WS		
	600	2003780000
DEK 5/6 MM WS		
	600	2007120000
WS 8/6 MM WS		
	600	2007160000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

A2T 4 FS-FT BK

4 mm²



6.1 x 126.5 x 83.5
6.3 / 6
0.14...6



IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250		150 (C)	
6.3		30	6.3
4	AWG 26...10	AWG 26...10	4 mm ²

6 kV / 3
A4 / V-0

CE CB IEC US Ex TÜEV17ATEX8064U

Rated connection	
Solid / Stranded	0.5...4 / 0.5...6
Flexible / Flexible with ferrule	0.5...6 / 0.5...4
Stripping length / Blade size	12 / 0.6 x 3.5 mm

Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

Note

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	

Note

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
Test plug	
Terminal blocks identical in contour	
Screwdriver	
	Standard
Marking tags	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast

For detailed information on other accessories and application in the online catalogue

A2T 4 FS-FT-PE BK

4 mm²



6.1 x 126.5 x 83.5
6.3 / 6
0.14...6



IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250		150 (C)	
6.3		30	6.3
4	AWG 26...10	AWG 26...10	4 mm ²

6 kV / 3
A4 / V-0

CE CB IEC US Ex TÜEV17ATEX8064U

Rated connection	
Solid / Stranded	0.5...4 / 0.5...6
Flexible / Flexible with ferrule	0.5...6 / 0.5...4
Stripping length / Blade size	12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 4 FS-FT BK	50	2816960000
A2T 4 FS-FT 10-36V BK	50	2816970000
A2T 4 FS-FT 30-70V BK	50	2816980000
A2T 4 FS-FT 60-150V BK	50	2816990000
A2T 4 FS-FT 100-250V BK	50	2817000000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS	20	2817060000
PS 2.0 MC	20	0310000000
A2T 4 DT-FT	20 A 50	2831520000
A2T 4 DT-FT-PE	20 A 50	2831530000
A2T 4 FS-FT-PE BK	6.3 A 50	2817010000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

Type	Qty.	Order No.
A2T 4 FS-FT-PE BK	50	2817010000
A2T 4 FS-FT-PE 10-36V BK	50	2817020000
A2T 4 FS-FT-PE 30-70V BK	50	2817030000
A2T 4 FS-FT-PE 60-150V BK	50	2817040000
A2T 4 FS-FT-PE 100-250V BK	50	2817050000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS	20	2817060000
PS 2.0 MC	20	0310000000
A2T 4 DT-FT	20 A 50	2831520000
A2T 4 DT-FT-PE	20 A 50	2831530000
A2T 4 FS-FT BK	6.3 A 50	2816960000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000



Spring connection with PUSH IN technology (A-Series)

Test-disconnect terminal blocks

Universal range

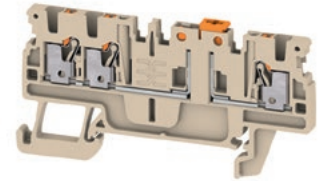
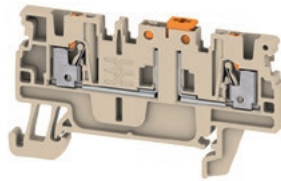
A

ADT 1.5 2C

1.5 mm²

ADT 1.5 3C

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 61.5 x 33.5	
10 / 1.5	
0.14...1.5	

3.5 x 67.5 x 33.5	
10 / 1.5	
0.14...1.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1				
IEC	UL	CSA	EN 60079-7	
400				
10				
1.5				
		6 kV / 3		
		A1 / V-0		
CE				
Rated connection				
0.5...1.5 / 0.14...1.5				
0.5...1.5 / 0.5...1				
8 / 0.4 x 2.0 mm				
Note				

IEC 60947-7-1				
IEC	UL	CSA	EN 60079-7	
400				
10				
1.5				
		6 kV / 3		
		A1 / V-0		
CE				
Rated connection				
0.5...1.5 / 0.14...1.5				
0.5...1.5 / 0.5...1				
8 / 0.4 x 2.0 mm				
Note				

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
	without isolator
	without isolator, blue
Note	

Type	Qty.	Order No.
ADT 1.5 2C	100	2918260000
ADT 1.5 2C BL	100	2941210000
Note		

Type	Qty.	Order No.
ADT 1.5 3C	100	2918270000
ADT 1.5 3C BL	100	2941220000
Note		

Accessories

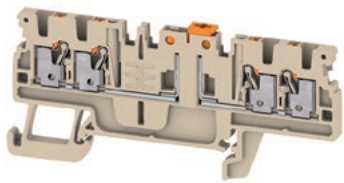
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
	PS 2.0 MC
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
	WS 8/3.5 MM WS
	DEK 5/3.5 MM WS
	DEK 5/3.5 PLUS MC NE WS
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3C 1.5	50	1552620000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
Note		

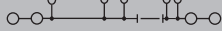
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 4C 1.5	50	1552640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
Note		

ADT 1.5 4C

1.5 mm²



3.5 x 77 x 33.5
10 / 1.5
0.14...1.5



IEC 60947-7-1

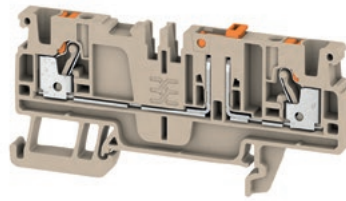
IEC	UL	CSA	EN 60079-7
400			
10			
1.5			
6 kV / 3			
A1 / V-0			

CE

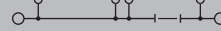
Rated connection
0.5...1.5 / 0.14...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

ADT 2.5 2C

2.5 mm²



5.1 x 77.5 x 37.65
20 / 4
0.14...4



IEC 60947-7-1

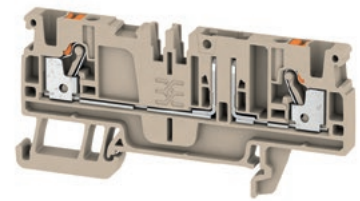
IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
6 kV / 3			
A3 / V-0			

CE, UL, CSA, EN, IEC, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

ADT 2.5 2C W/O DTLV

2.5 mm²



5.1 x 77.5 x 36.5
20 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
6 kV / 3			
A3 / V-0			

CE, UL, CSA, EN, IEC, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ADT 1.5 4C	100	2918280000
ADT 1.5 4C BL	100	2941230000

Type	Qty.	Order No.
ADT 2.5 2C	50	1989800000
ADT 2.5 2C BL	50	1989810000

Type	Qty.	Order No.
ADT 2.5 2C W/O DTLV	50	1989930000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP DT 1.5 4C	50	2918300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5	50	1521530000
AEP 4C 2.5 BL	50	1521640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0.6X3.5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5	50	1521530000
AEP 4C 2.5 BL	50	1521640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0.6X3.5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000



Spring connection with PUSH IN technology (A-Series)

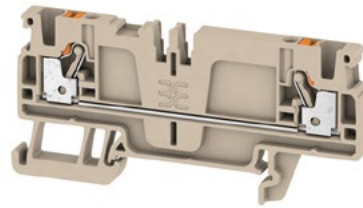
Test-disconnect terminal blocks

Universal range

A

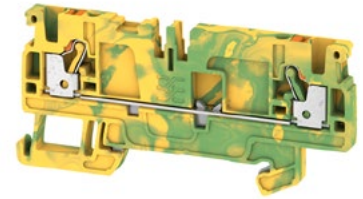
A2C 2.5 /DT/FS

2.5 mm²



A2C 2.5 PE /DT/FS

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 77.5 x 36.5	
24 / 4	
0.14...4	

5.1 x 77.5 x 36.5	
/ 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	600	600	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
	without isolator
	without isolator, blue
Note	

Type	Qty.	Order No.
A2C 2.5 /DT/FS	100	1989900000
A2C 2.5 /DT/FS BL	100	1989910000

Type	Qty.	Order No.
A2C 2.5 PE/DT/FS	50	1989890000

Accessories

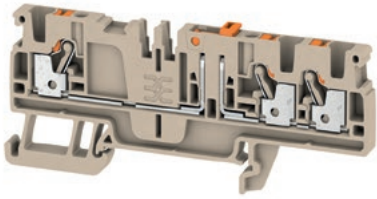
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
	PS 2.0 MC
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
	DEK 5/5 PLUS MC NE WS
	DEK 5/5 MM WS
	WS 8/5 MM WS
	WS 10/5 M PLUS MC NE WS
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5	50	1521530000
AEP 4C 2.5 BL	50	1521640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

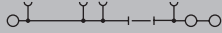
Type	Qty.	Order No.
AEP 4C 2.5	50	1521530000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

ADT 2.5 3C

2.5 mm²



5.1 x 84.5 x 37.65
20 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	

6 kV / 3
A3 / V-0

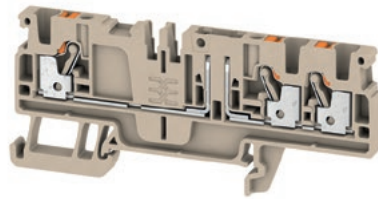


Rated connection

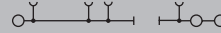
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

ADT 2.5 3C W/O DTLV

2.5 mm²



5.1 x 84.5 x 36.5
20 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	

6 kV / 3
A3 / V-0



Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

ADT 2.5 4C

2.5 mm²



5.1 x 96 x 37.65
20 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	

6 kV / 3
A3 / V-0



Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ADT 2.5 3C	50	1989830000
ADT 2.5 3C BL	50	1989840000

Type	Qty.	Order No.
ADT 2.5 3C W/O DTLV	50	1989940000

Type	Qty.	Order No.
ADT 2.5 4C	50	1989860000
ADT 2.5 4C BL	50	1989870000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 3C	50	1989970000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 3C	50	1989970000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 4C	50	1989980000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

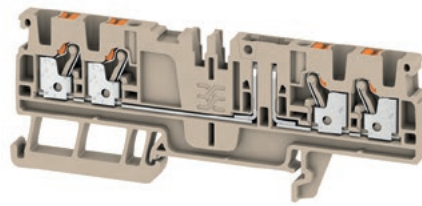


Spring connection with PUSH IN technology (A-Series)

Test-disconnect terminal blocks

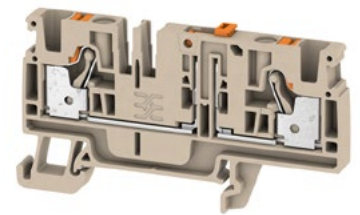
ADT 2.5 4C W/O DTLV

2.5 mm²



ADT 4 2C

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 96 x 36.5	
20 / 4	
0.14...4	

6.1 x 74 x 41	
20 / 6	
0.14...6	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC/EN 60947-7-1:2009			
IEC	UL	CSA	EN 60079-7
500	600	600	
20	20	20	
4	AWG 26...10	AWG 26...10	
4 kV / 3			
A4 / V-0			
Rated connection			
0.5...4 / 0.5...6			
0.5...6 / 0.5...4			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
	without isolator
	without isolator, blue
Note	

Type	Qty.	Order No.
ADT 2.5 4C W/O DTLV	50	1989950000

Type	Qty.	Order No.
ADT 4 2C	50	2429850000
ADT 4 2C BL	50	2429880000

Accessories

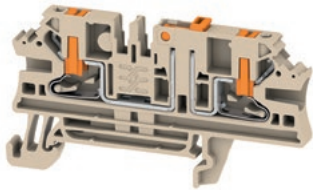
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 4C		
	50	1989980000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 VO		
	20	2661280000
ATPG 1.5-10 L		
	0.2 A 50	1991890000
ATPG 2.5 MI-R		
	0.2 A 50	1991960000
ATPG 2.5/3		
	0.2 A 25	2041190000
ATPG 2.5/5		
	0.2 A 25	2041180000
PS 2.0 MC		
	20	0310000000
SDIL 0,6X3,5X100		
	1	2749140000
DTLE 2.5/4		
	25	2910530000
DEK 5/5 PLUS MC NE WS		
	1000	1854490000
DEK 5/5 MM WS		
	800	2007110000
WS 8/5 MM WS		
	800	2007150000
WS 10/5 M PLUS MC NE WS		
	600	2003770000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4		
	20	2051720000
AEP 3C 4 BL		
	20	2051880000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 VO		
	20	2661280000
ATPG 1.5-10 L		
	0.2 A 50	1991890000
ATPG 4 MI-R		
	0.2 A 50	1991860000
PS 2.0 MC		
	20	0310000000
SDIL 0,6X3,5X100		
	1	2749140000
DTLE 2.5/4		
	25	2910530000
WS 10/6 M PLUS MC NE WS		
	600	2003780000
WS 8/6 MM WS		
	600	2007160000
DEK 5/6 MM WS		
	600	2007120000
DEK 5/6 PLUS MC NE WS		
	1000	1011320000

ALDT 2.5 2C

2.5 mm²



5.1 x 68 x 38
20 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
20			
2.5			
6 kV / 3			
A3 / V-0			

CE

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

ALDT 2.5 2C W/O DT

2.5 mm²



5.1 x 36.5 x 38
20 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
20			
2.5			
6 kV / 3			

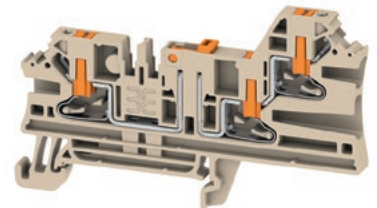
CE

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

ALDT 2.5 3C

2.5 mm²



5.1 x 79.5 x 48
20 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
20			
2.5			
6 kV / 3			
A3 / V-0			

CE

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ALDT 2.5 2C	50	2898660000
ALDT 2.5 2C BL	50	2898670000

Type	Qty.	Order No.
ALDT 2.5 2C W/O DTLV	50	2898680000
ALDT 2.5 2C W/O DTLV BL	50	2898690000

Type	Qty.	Order No.
ALDT 2.5 3C	50	2898700000
ALDT 2.5 3C BL	50	2898710000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

ALEP DT 2.5 2C	20	2898830000
ALEP DT 2.5 2C BL	20	2898840000

ALEP DT 2.5 2C	20	2898830000
ALEP DT 2.5 2C BL	20	2898840000

ALEP DT 2.5 3C	20	2898850000
ALEP DT 2.5 3C BL	20	2898860000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

PS 2.0 MC	20	0310000000
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PS 2.0 MC	20	0310000000
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PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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SDIL 0,6X3,5X100	1	2749140000
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SDIL 0,6X3,5X100	1	2749140000
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DTLE 2.5/4	25	2910530000
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DTLE 2.5/4	25	2910530000
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DTLE 2.5/4	25	2910530000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

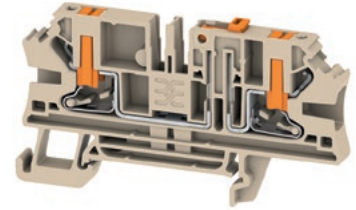
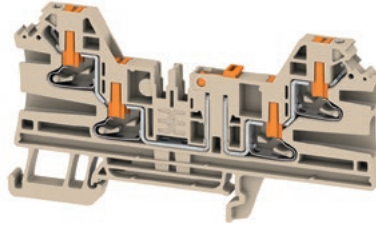


ALDT 2.5 4C

2.5 mm²

ALDT 4 2C

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 91 x 48	20 / 4	0.14...4	
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6.1 x 73.5 x 41	20 / 6	0.14...6	
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Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500			
20			
2.5			
		6 kV / 3	
		A3 / V-0	
CE			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500			
20			
4			
		6 kV / 3	
		A4 / V-0	
CE			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
	without isolator
	without isolator, blue
Note	

Type	Qty.	Order No.
ALDT 2.5 4C	50	2898720000
ALDT 2.5 4C BL	50	2898730000

Type	Qty.	Order No.
ALDT 4 2C	50	2898740000
ALDT 4 2C BL	50	2898750000

Accessories

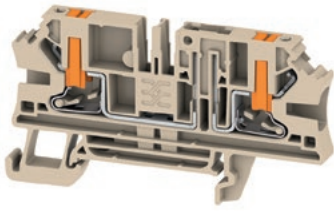
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP DT 2.5 4C	20	2898870000
ALEP DT 2.5 4C BL	20	2898880000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP DT 4 2C	20	2898890000
ALEP DT 4 2C BL	20	2898900000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

ALDT 4 2C W/O DTLV

4 mm²



6.1 x 73.5 x 41
20 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
20			
4			
		6 kV / 3	
		A4 / V-0	

CE

Rated connection

0.5...6 / 0.5...6

0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ALDT 4 2C W/O DTLV	50	2898760000
ALDT 4 2C W/O DTLV BL	50	2898770000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP DT 4 2C	20	2898890000
ALEP DT 4 2C BL	20	2898900000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

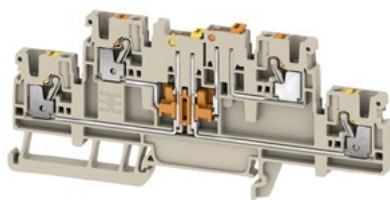


Spring connection with PUSH IN technology (A-Series)

Test-disconnect terminal blocks

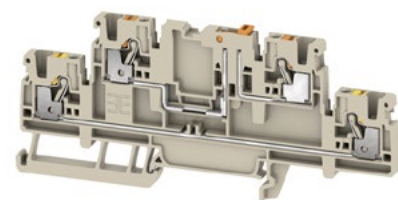
A2T 2.5 DT/DT

2.5 mm²



A2T 2.5 DT/FT

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 115 x 50.5	
16 / 4	
0.14...4	

5.1 x 115 x 50.5	
2 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
16	19	19	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

IEC	UL	CSA	EN 60079-7
800	300	300	
16	19	19	
2.5	AWG 26...12	AWG 26...12	
8 kV / 3			
/ V-0			
Rated connection			
0.5...2.5 / 0.14...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2T 2.5 DT/DT	50	2744110000
A2T 2.5 DT/DT BL	50	2744120000
Note		

Type	Qty.	Order No.
A2T 2.5 DT/FT	50	2744130000
A2T 2.5 DT/FT BL	50	2744140000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
	removable, as replacement for release lever
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 2T		
AEP DT 2.5 2T	20	2744150000
AEP DT 2.5 2T BL	20	2744160000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4		
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
SIHA 3/G20		
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V		
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V		
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V		
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V		
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR		
TNST OR	20 A 50	2463540000
TNST		
TNST	20 A 50	1833090000
BEST		
BEST	50	1833100000
BEST/D		
BEST/D	1 A 50	1878560000
Note		

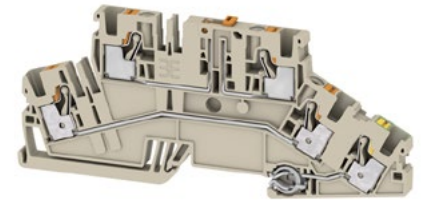
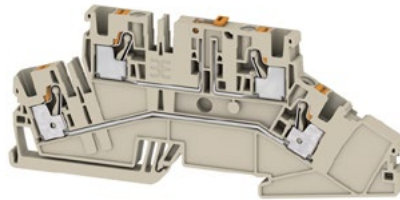
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 2T		
AEP DT 2.5 2T	20	2744150000
AEP DT 2.5 2T BL	20	2744160000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
SIHA 3/G20		
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V		
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V		
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V		
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V		
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR		
TNST OR	20 A 50	2463540000
TNST		
TNST	20 A 50	1833090000
BEST		
BEST	50	1833100000
BEST/D		
BEST/D	1 A 50	1878560000
Note		

A2T 4 DT-FT

4 mm²

A2T 4 DT-FT-PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 126.5 x 56.5	
20 / 6	
0.14...6	

6.1 x 126.5 x 56.5	
20 / 6	
0.14...6	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250		150	
20		25	
4	AWG 26...10	AWG 26...10	
6 kV / 3			
A4 / V-0			

Rated connection	
0.5...4 / 0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250		150	
20		25	
4	AWG 26...10	AWG 26...10	
6 kV / 3			
A4 / V-0			

Rated connection	
0.5...4 / 0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

Ordering data

Version	
	dark beige
	without isolator, dark beige
Note	

Type	Qty.	Order No.
A2T 4 DT-FT	50	2831520000
A2T 4 DT-FT W/O DTLV	50	2831540000

Type	Qty.	Order No.
A2T 4 DT-FT-PE	50	2831530000
A2T 4 DT-FT-PE W/O DTLV	50	2831550000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Screwdriver	
	Standard
Marking tags	
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
	removable, as replacement for release lever
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS		
	20	2817060000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 VO		
	20	2661280000
ATPG 1.5-10 L		
	0.2 A 50	1991890000
ATPG 4 M/R		
	0.2 A 50	1991860000
SDIL 0,6X3,5X100		
	1	2749140000
WS 10/6 M PLUS MC NE WS		
	600	2003780000
DEK 5/6 MM WS		
	600	2007120000
WS 8/6 MM WS		
	600	2007160000
DEK 5/6 PLUS MC NE WS		
	1000	1011320000
SIHA 3/G20		
	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V		
	25	7921570000
SIHA 3/G20/LD 35-70V		
	25	7921580000
SIHA 3/G20/LD 60-150V		
	25	7921590000
SIHA 3/G20/LD 140-250V		
	25	7921600000
TNST OR		
	20 A 50	2463540000
TNST		
	20 A 50	1833090000
BEST		
	50	1833100000
BEST/D		
	1 A 50	1878560000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS		
	20	2817060000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 VO		
	20	2661280000
ATPG 1.5-10 L		
	0.2 A 50	1991890000
ATPG 4 M/R		
	0.2 A 50	1991860000
SDIL 0,6X3,5X100		
	1	2749140000
WS 10/6 M PLUS MC NE WS		
	600	2003780000
DEK 5/6 MM WS		
	600	2007120000
WS 8/6 MM WS		
	600	2007160000
DEK 5/6 PLUS MC NE WS		
	1000	1011320000
SIHA 3/G20		
	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V		
	25	7921570000
SIHA 3/G20/LD 35-70V		
	25	7921580000
SIHA 3/G20/LD 60-150V		
	25	7921590000
SIHA 3/G20/LD 140-250V		
	25	7921600000
TNST OR		
	20 A 50	2463540000
TNST		
	20 A 50	1833090000
BEST		
	50	1833100000
BEST/D		
	1 A 50	1878560000

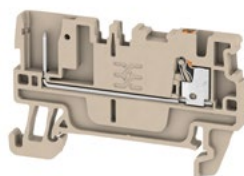
Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

A

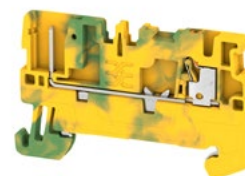
APGTB 1.5 FT 2C/1

1.5 mm²



APGTB 1.5 PE 2C/1

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 55 x 33.5
17.5 / 1.5
0.14...1.5

3.5 x 55 x 33.5
/ 1.5
0.14...1.5

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 1.5 FT 2C/1	50	2482160000
APGTB 1.5 FT 2C/1 BL	50	2482170000
Note		

Type	Qty.	Order No.
APGTB 1.5 PE 2C/1	50	2482220000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

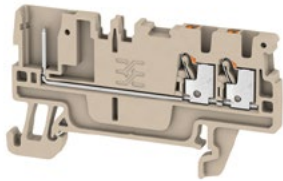
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2C 1.5	50	1552600000
AEP 2C 1.5 BL	50	1552610000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2C 1.5	50	1552600000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

For detailed information on other accessories and application in the online catalogue

APGTB 1.5 FT 3C/1

1.5 mm²



3.5 x 62 x 33.5
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection

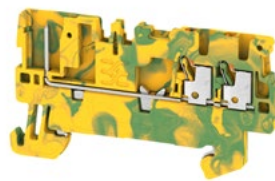
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 FT 3C/1	50	2482180000
APGTB 1.5 FT 3C/1 BL	50	2482190000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3C 1.5	50	1552620000
AEP 3C 1.5 BL	50	1552630000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

APGTB 1.5 FT PE 3C/1

1.5 mm²



3.5 x 62 x 33.5
/ 1.5
0.14...1.5



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 PE 3C/1	50	2482230000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3C 1.5	50	1552620000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

APGTB 1.5 FT 4C/2

1.5 mm²



3.5 x 80 x 33.5
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 FT 4C/2	50	2482200000
APGTB 1.5 FT 4C/2 BL	50	2482210000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP PGTB 1.5 4C/2	50	2482510000
AEP PGTB 1.5 4C/2 BL	50	2482520000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Spring connection with PUSH IN technology (A-Series)

Pluggable terminal blocks

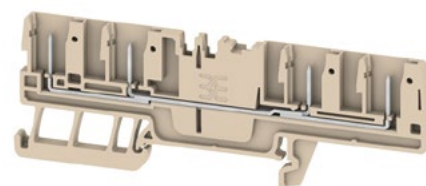
APGTB 1.5 PE 4C/2

1.5 mm²



APGTB 1.5 FT 4C/4

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

3.5 x 80 x 33.5	
/ 1.5	
0.14...1.5	

5.1 x 87 x 36.5	
17.5 / 1.5	
1.14...1.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-2

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

IEC	UL	CSA	EN 60079-7
500	300		
17.5	13		
1.5	AWG 26...14		
	6 kV / 3		
	/ V-0		



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.5	

Note

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 1.5 PE 4C/2	50	2482240000

Type	Qty.	Order No.
APGTB 1.5 FT 4C/4	100	2898120000
APGTB 1.5 FT 4C/4 BL	100	2898130000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	Standard
Marking tags	

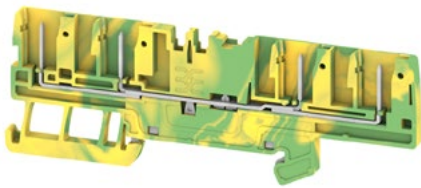
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP PGTB 1.5 4C/2	50	2482510000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP PGTB 1.5 4C/4	20	2898180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

For detailed information on other accessories and application in the online catalogue

APGTB 1.5 PE 4C/4

1.5 mm²



3.5 x 80 x 33.5
/ 1.5
1.14...1.5



IEC	UL	CSA	EN 60079-7
500	300		
17.5			
1.5	AWG 26...14		
	6 kV / 3		
	/ V-0		



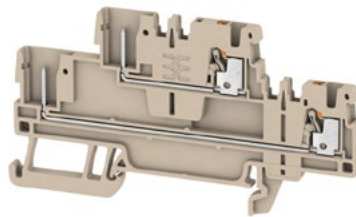
Rated connection
0.5...2.5 / 0.5...4
0.5...2.5 / 0.5...2.5

Type	Qty.	Order No.
APGTB 1.5 PE 4C/4	50	2898140000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP PGTB 1.5 4C/4	20	2898180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

APGTB 1.5 2T 4C/2

1.5 mm²



3.5 x 84.5 x 45
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		



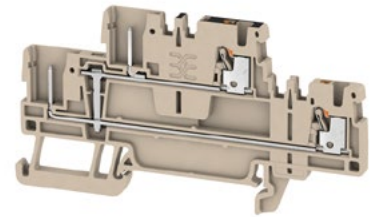
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 2T 4C/2	50	2485840000
APGTB 1.5 2T 4C/2 BL	50	2485850000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
SNAPMARK 1.5	40	2682080000

APGTB 1.5 2T VL 4C/2

1.5 mm²



3.5 x 84.5 x 45
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		



Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 2T VL 4C/2	50	2485920000
APGTB 1.5 2T VL 4C/2 BL	50	2485930000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
SNAPMARK 1.5	40	2682080000

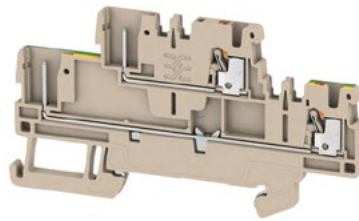
Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

A

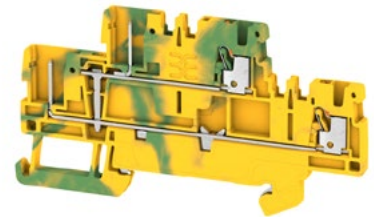
APGTB 1.5 2T FT PE 4C/2

1.5 mm²



APGTB 1.5 2T PE 4C/2

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 84.5 x 45	
17.5 / 1.5	
0.14... 1.5	

3.5 x 84.5 x 45	
/ 1.5	
0.14... 1.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 1.5 2T FT-PE 4C/2	50	2485860000

Type	Qty.	Order No.
APGTB 1.5 2T PE 4C/2	50	2485870000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5		
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 1.5/1		
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60		
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
SNAPMARK 1.5	40	2682080000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5		
AEP 2T 1.5	20	2469420000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 1.5/1		
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60		
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
SNAPMARK 1.5	40	2682080000

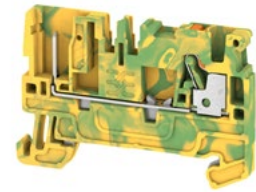
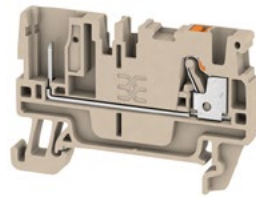
For detailed information on other accessories and application in the online catalogue

APGTB 2.5 FT 2C/1

2.5 mm²

APGTB 2.5 PE 2C/1

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 55 x 36.5	
24 / 4	
0.14...4	

5.1 x 54 x 36.5	
/ 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	



Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	dark beige Blue Green/yellow
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Type	Qty.	Order No.
APGTB 2.5 FT 2C/1	100	1513970000
APGTB 2.5 FT 2C/1 BL	100	1513990000

Type	Qty.	Order No.
APGTB 2.5 PE 2C/1	50	1513870000

Note

Accessories

Plug-in cross-connection	2-pole 10-pole
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End plate	dark beige Blue
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End bracket	dark beige, screwable dark beige, direct mounting
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Plug

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AEP 2C 2.5	50	1514400000
AEP 2C 2.5 BL	50	1514420000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AEP 2C 2.5	50	1514400000
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AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000

Screwdriver

Standard

Marking tags

SDIL 0,6X3,5X100	1	2749140000
------------------	---	------------

DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

SDIL 0,6X3,5X100	1	2749140000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue



Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

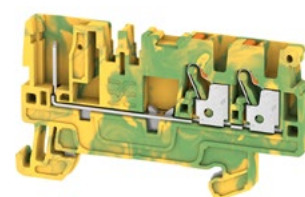
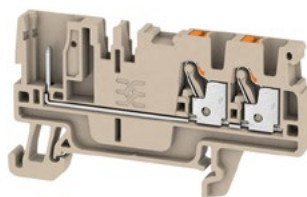
A

APGTB 2.5 FT 3C/1

2.5 mm²

APGTB 2.5 PE 3C/1

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 66.5 x 36.5	
24 / 4	
0.14...4	

5.1 x 66.5 x 36.5	
/ 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		



Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		



Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	dark beige
	Blue
	Green/yellow

Note

Type	Qty.	Order No.
APGTB 2.5 FT 3C/1	50	1514000000
APGTB 2.5 FT 3C/1 BL	50	1514020000

Type	Qty.	Order No.
APGTB 2.5 PE 3C/1	50	1513890000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole

End plate	
	dark beige
	Blue

End bracket	
	dark beige, screwable
	dark beige, direct mounting

Plug

Screwdriver	
	Standard

Marking tags

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
AEP 3C 2.5	50	1521510000
AEP 3C 2.5 BL	50	1521520000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

Type	Qty.	Order No.
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000

Type	Qty.	Order No.
SDIL 0,6X3,5X100	1	2749140000

Type	Qty.	Order No.
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
AEP 3C 2.5	50	1521510000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

Type	Qty.	Order No.
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000

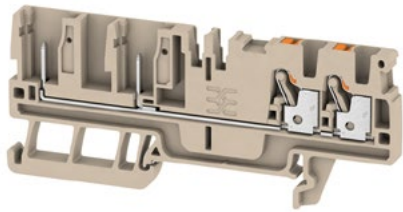
Type	Qty.	Order No.
SDIL 0,6X3,5X100	1	2749140000

Type	Qty.	Order No.
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

APGTB 2.5 FT 4C/2

2.5 mm²



5.1 x 87 x 36.5
24 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 FT 4C/2	50	1514030000
APGTB 2.5 FT 4C/2 BL	50	1514040000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP PGTB 2.5 4C/2	50	1514450000
AEP PGTB 2.5 4C/2 BL	50	1514470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

APGTB 2.5 PE 4C/2

2.5 mm²



5.1 x 87 x 36.5
/ 4
0.14...4



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

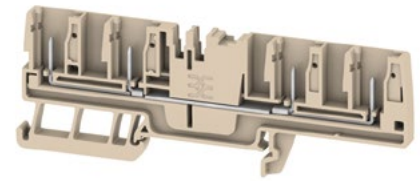
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 PE 4C/2	50	1513920000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP PGTB 2.5 4C/2	50	1514450000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

APGTB 2.5 FT 4C/4

2.5 mm²



5.1 x 87 x 36.5
24 /



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
24	20		
2.5	AWG 28...12		
8 kV / 3			
/ V-0			



Rated connection

0.5...2.5 / 0.5...4
0.5...2.5 / 0.5...2.5

Type	Qty.	Order No.
APGTB 2.5 FT 4C/4	100	2898150000
APGTB 2.5 FT 4C/4 BL	100	2898160000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP PGTB 2.5 4C/4	20	2898190000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

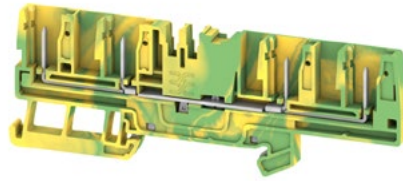
Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

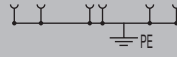
A

APGTB 2.5 PE 4C/4

2.5 mm²

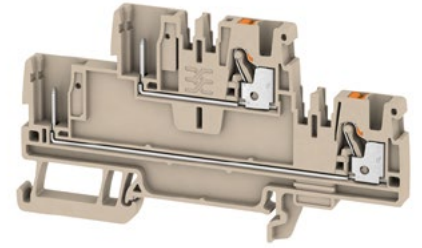


5.1 x 87 x 36.5



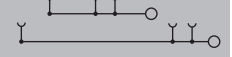
APGTB 2.5 2T 4C/2

2.5 mm²



5.1 x 91 x 50.5

24 / 4
0.14...4



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/-
Max. clamping range	-

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	-
Stripping length / Blade size	-/-
Note	

IEC	UL	CSA	EN 60079-7
800	600		
24			
2.5	AWG 28...12		
	8 kV / 3		
	/ V-0		
Rated connection			
0.5...2.5			
Note			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 2.5 PE 4C/4	50	2898170000
Note		

Type	Qty.	Order No.
APGTB 2.5 2T 4C/2	50	1548060000
APGTB 2.5 2T 4C/2 BL	50	1548070000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

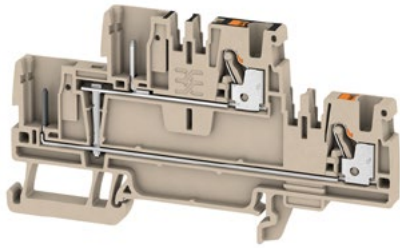
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP PGTB 2.5 4C/4	20	2898190000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Plug		
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000
Screwdriver		
SDIL 0,6X3,5X100	1	2749140000
Marking tags		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
Note		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Plug		
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000
Screwdriver		
SDIL 0,6X3,5X100	1	2749140000
Marking tags		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000
Note		

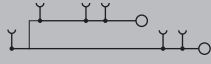
For detailed information on other accessories and application in the online catalogue

APGTB 2.5 2T VL 4C/2

2.5 mm²



5.1 x 91 x 50.5
24 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			

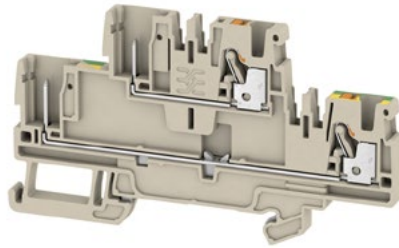


Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

APGTB 2.5 2T FT-PE 4C/2

2.5 mm²



5.1 x 91 x 50.5
24 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
24	20		
2.5	AWG 28...12		
8 kV / 3			
A3 / V-0			

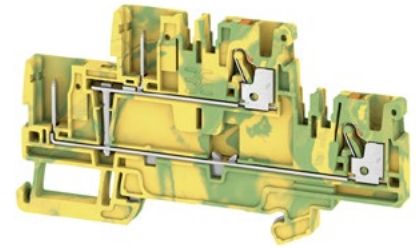


Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

APGTB 2.5 2T PE 4C/2

2.5 mm²



5.1 x 91 x 50.5
/ 4
0.14...4



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 2T VL 4C/2	50	1548140000
APGTB 2.5 2T VL 4C/2 BL	50	1548150000

Type	Qty.	Order No.
APGTB 2.5 2T FT-PE 4C/2	50	1548130000

Type	Qty.	Order No.
APGTB 2.5 2T PE 4C/2	50	1548160000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000



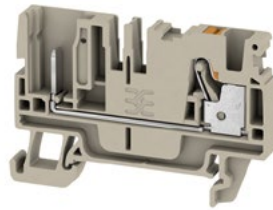
Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

A

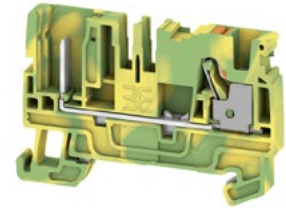
APGTB 4 FT 2C/1

4 mm²



APGTB 4 PE 2C/1

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 59.5 x 39.5
32 / 6
0.14...6

6.1 x 59.5 x 39.5
/ 6
0.14...6

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A4 / V-0			

CE

Rated connection	
0.5...4 / 0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A4 / V-0			

CE

Rated connection	
0.5...4 / 0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

Ordering data

Version	
dark beige	
Blue	
Green/yellow	
Note	

Type	Qty.	Order No.
APGTB 4 FT 2C/1	100	2540050000
APGTB 4 FT 2C/1 BL	100	2540060000

Type	Qty.	Order No.
APGTB 4 PE 2C/1	50	2540110000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
End plate	
dark beige	
Blue	
End bracket	
dark beige, screwable	
dark beige, direct mounting	
Plug	
Screwdriver	
Standard	
Marking tags	

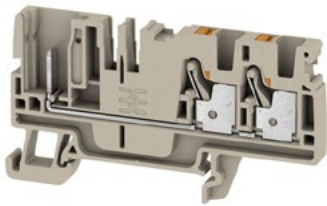
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2C 4	50	2051680000
AEP 2C 4 BL	50	2051690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2C 4	50	2051680000
AEP 2C 4 BL	50	2051690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

For detailed information on other accessories and application in the online catalogue

APGTB 4 FT 3C/1

4 mm²



6.1 x 72 x 39.5
32 / 6
0.14...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A4 / V-0			



Rated connection

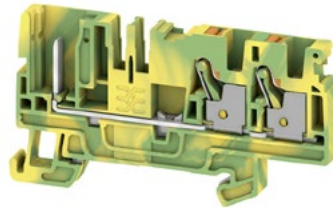
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 FT 3C/1	50	2540070000
APGTB 4 FT 3C/1 BL	50	2540080000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4	20	2051720000
AEP 3C 4 BL	20	2051880000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

APGTB 4 PE 3C/1

4 mm²



6.1 x 72 x 39.5
/ 6
0.14...6



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A4 / V-0			



Rated connection

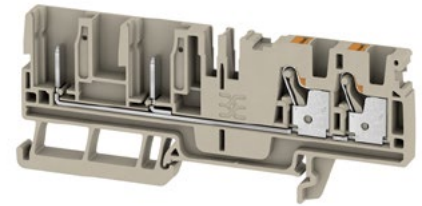
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 PE 3C/1	50	2540170000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4	20	2051720000
AEP 3C 4 BL	20	2051880000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

APGTB 4 FT 4C/2

4 mm²



6.1 x 98 x 39.5
32 / 6
0.14...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A4 / V-0			



Rated connection

0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 FT 4C/2	50	2540090000
APGTB 4 FT 4C/2 BL	50	2540100000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP PGTB 4 4C/2	20	2540210000
AEP PGTB 4 4C/2 BL	20	2540280000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

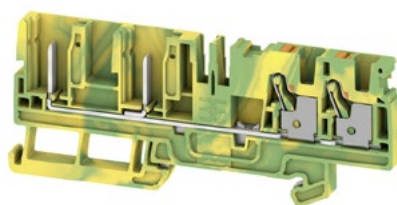
Spring connection with PUSH IN technology (A-Series) Pluggable terminal blocks

Universal range

A

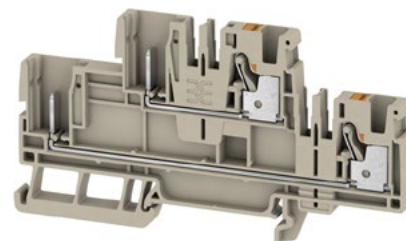
APGTB 4 PE 4C/2

4 mm²



APGTB 4 2T 4C/2

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.1 x 98 x 39.5	
/ 6	
0.14...6	

6.1 x 100 x 53.5	
32 / 6	
0.14...6	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		



Rated connection	
0.5...4 / 0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		



Rated connection	
0.5...4 / 0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	dark beige
	Blue
	Green/yellow

Note

Type	Qty.	Order No.
APGTB 4 PE 4C/2	50	2540180000

Type	Qty.	Order No.
APGTB 4 2T 4C/2	50	2540230000
APGTB 4 2T 4C/2 BL	50	2540250000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	Standard
Marking tags	

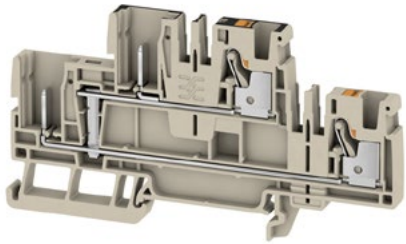
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP PGTB 4 4C/2	20	2540210000
AEP PGTB 4 4C/2 BL	20	2540280000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
SNAPMARK I	50	1805880000

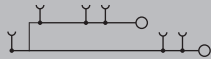
For detailed information on other accessories and application in the online catalogue

APGTB 4 2T VL 4C/2

4 mm²



6.1 x 100 x 53.5
32 / 6
0.14...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A4 / V-0			



Rated connection

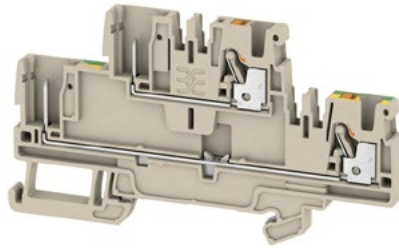
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 2T VL 4C/2	50	2540260000
APGTB 4 2T VL 4C/2 BL	50	2540270000

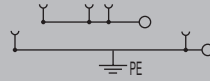
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
SNAPMARK I	50	1805880000

APGTB 4 2T FT-PE 4C/2

4 mm²



6.1 x 100 x 53.5
32 / 6
0.14...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A4 / V-0			



Rated connection

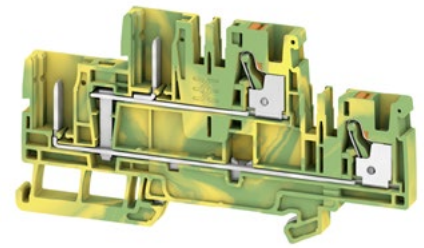
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 2T FT-PE 4C/2	50	2540290000

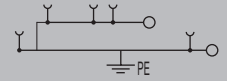
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
SNAPMARK I	50	1805880000

APGTB 4 2T PE 4C/2

4 mm²



6.1 x 100 x 53.5
/ 6
0.14...6



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A4 / V-0			



Rated connection

0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 2T PE 4C/2	50	2540300000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
SNAPMARK I	50	1805880000



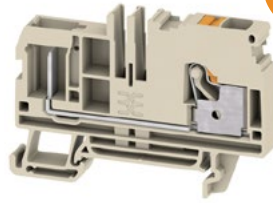
Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

A

APGTB 6 FT 2C/1

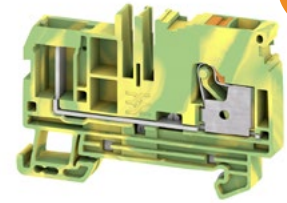
6 mm²



Q4
2024

APGTB 6 PE 2C/1

6 mm²



Q4
2024

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 66.5 x 45.5
41 / 10
0.34...10

6.1 x 66.5 x 45.5
41 / 10
0.34...10

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
800			
41			
6			
	8 kV / 3		
	A5 / V-0		
Rated connection			
0.5...6 / 0.5...6			
0.5...10 / 0.5...6			
12 / 1.0 x 5.5 mm			
Note			

IEC	UL	CSA	EN 60079-7
800			
41			
6			
	8 kV / 3		
	A5 / V-0		
Rated connection			
0.5...6 / 0.5...6			
0.5...10 / 0.5...6			
12 / 1 x 5.5			
Note			

Ordering data

Version
dark beige
Green/yellow
Note

Type	Qty.	Order No.
APGTB 6 FT 2C/1		3002280000
Note		

Type	Qty.	Order No.
APGTB 6 PE 2C/1		3002340000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
	1-pole
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2C 6	50	1991970000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 6/1	30 A 50	2762320000
APG 6/10	30 A 10	2829070000
SDIL 0,6X3,5X100	1	2749140000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2C 6	50	1991970000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 6/1	30 A 50	2762320000
APG 6/10	30 A 10	2829070000
SDIL 0,6X3,5X100	1	2749140000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue



Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

APG 1.5...

1.5 mm²



APG 2.5...

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 14 x 31.15
17.5 / 1.5
0.14...1.5

5.1 x 16.5 x 42.5
24 / 2.5
0.14...2.5

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			
Rated connection		Plug-in connection	
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1			
10 / 0.4 x 2.0 mm			
Note			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			
Rated connection		Plug-in connection	
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
	4-poles/3x beige, 1x green
	3-poles/1xbeige, 1x blue, 1x green
	5-poles/3xbeige, 1x blue, 1x green
Note	

Type	Qty.	Order No.
APG 1.5/1	50	2482340000
APG 1.5/2	25	2482350000
APG 1.5/3	25	2482360000
APG 1.5/4	25	2482370000
APG 1.5/5	25	2482380000
APG 1.5/6	25	2482390000
APG 1.5/7	25	2482400000
APG 1.5/8	20	2482410000
APG 1.5/9	20	2482420000
APG 1.5/10	20	2482430000
APG 1.5/3-BG-BL-GN	25	2482460000
APG 1.5/5-3BG-BL-GN	25	2482440000
Note		

Type	Qty.	Order No.
APG 2.5/1	50	1513720000
APG 2.5/2	25	1513640000
APG 2.5/3	25	1513650000
APG 2.5/4	25	1513670000
APG 2.5/5	25	1513680000
APG 2.5/6	25	1513690000
APG 2.5/7	25	1513700000
APG 2.5/8	20	1513730000
APG 2.5/9	20	1513740000
APG 2.5/10	20	1513770000
APG 2.5/3-BG-BL-GN	25	1513820000
APG 2.5/5-3BG-BL-GN	25	1513780000
Note		

Accessories

End plate	dark beige
Coding	
Cover	
Interlock	
Strain relief	
Marking tags	
Note	

Type	Qty.	Order No.
MVC APG 1.5	50	2485980000
APGCE	50	1514490000
APGPC 1.5	50	2482530000
APGLE 1.5	25	2482720000
APGSR 1.5	25	2482730000
APGSR 1.5 - 4P	25	2482740000
APGSR 1.5 - 8P	25	2482750000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
Note		

Type	Qty.	Order No.
MVC APG 2.5	50	2035590000
APGCE	50	1514490000
APGPC 2.5	50	1514500000
APGLE 2.5/4	25	2457570000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M MC NE WS	720	1792000000
Note		

For detailed information on other accessories and application in the online catalogue

APG 4...

4 mm²



6.1 x 19 x 50.95
32 / 4
0.14...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		



Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
APG 4/1	50	2540460000
APG 4/2	25	2540470000
APG 4/3	25	2540480000
APG 4/4	25	2540490000
APG 4/5	25	2540500000
APG 4/6	25	2540510000
APG 4/7	25	2540520000
APG 4/8	20	2540530000
APG 4/9	20	2540540000
APG 4/10	20	2540550000
APG 4/4-3BG-GN	25	2540440000
APG 4/3-BG-BL-GN	25	2540450000
APG 4/5-3BG-BL-GN	25	2540430000

Type	Qty.	Order No.
MCV APG 4	50	2540800000
APGCE	50	1514490000
APGPC 4	50	2540960000
APGLE 2.5/4	25	2457570000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
WS 10/6 M MC NE WS	600	1818400000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 8/6 MM WS	600	2007160000

APG 6...

6 mm²



8.1 x 24.3 x 51
30 / 6
0.5...6

In accordance with IEC 60947-7-1

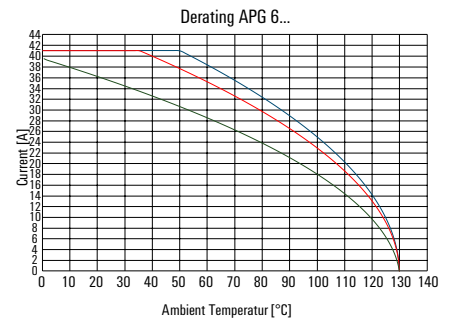
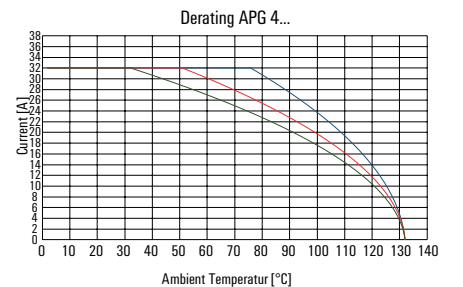
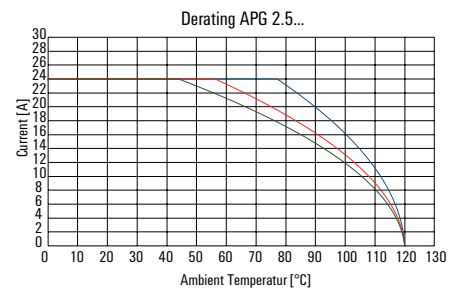
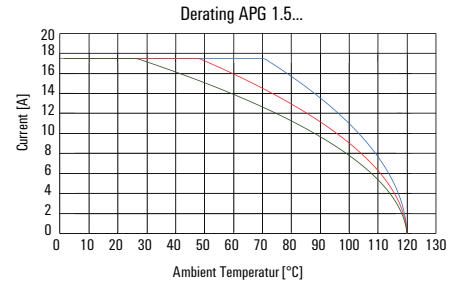
IEC	UL	CSA	EN 60079-7
500	300	300	
30	29	29	
6	AWG 22...8	AWG 22...8	
	8 kV / 3		
	A5 / V-0		



Rated connection	Plug-in connection
0.5...6 / 0.5...6	
0.5...6 / 0.5...6	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
APG 6/1	50	2762320000
APG 6/2	25	2882750000
APG 6/3	25	2882690000
APG 6/4	25	2829060000
APG 6/5	25	2882700000
APG 6/6	25	2882710000
APG 6/7	20	2882720000
APG 6/8	20	2882730000
APG 6/9	10	2882740000
APG 6/10	10	2829070000

Type	Qty.	Order No.
APGCE	50	1514490000
APGPC 6	20	2762410000
APGLE 6	20	2762400000
APGSR 6	20	2762390000
DEK 5/8 MC NE WS	800	1856740000



Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

A

APG 1.5...

1.5 mm²



APG 2.5...

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

35 x 14 x 31.15
17.5 / 1.5
0.14...1.5

51 x 42.5 x 16.5
24 / 2.5
0.14...2.5

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			
	6 kV / 3		
	A1 / V-0		
Rated connection		Plug-in connection	
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.4 x 2.0 mm			
Note			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		
Rated connection		Plug-in connection	
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	1-pole
	3-poles/2x beige, 1x green
	4-poles/3x beige, 1x green
	5-poles/4x beige, 1x green
	6-poles/5x beige, 1x green
	7-poles/6x beige, 1x green
	8-poles/7x beige, 1x green
	9-poles/8x beige, 1x green
Note	

Type	Qty.	Order No.
APG 1.5/3-2BG-GN	25	2719740000
APG 1.5/4-3BG-GN	25	2482450000
APG 1.5/5-4BG-GN	25	2719770000
APG 1.5/6-5BG-GN	25	2719780000
APG 1.5/7-6BG-GN	25	2719800000
APG 1.5/8-7BG-GN	20	2719810000
APG 1.5/10-9BG-GN	20	2719830000
Note		

Type	Qty.	Order No.
APG 2.5/3-2BG-GN	25	2712740000
APG 2.5/4-3BG-GN	25	1513790000
APG 2.5/5-4BG-GN	25	2712760000
APG 2.5/6-5BG-GN	25	2712770000
APG 2.5/7-6BG-GN	25	2712780000
APG 2.5/8-7BG-GN	20	2712790000
APG 2.5/10-9BG-GN	20	2712810000
Note		

Accessories

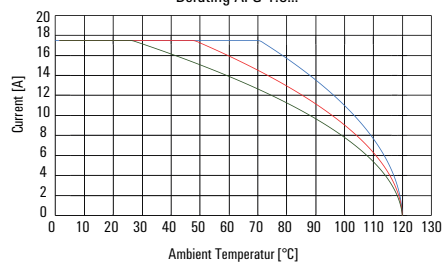
End plate	
	dark beige
Coding	
Cover	
Interlock	
Strain relief	
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
MCV APG 1.5	50	2485980000
APGCE	50	1514490000
APGPC 1.5	50	2482530000
APGLE 1.5	25	2482720000
APGSR 1.5	25	2482730000
APGSR 1.5 - 4P	25	2482740000
APGSR 1.5 - 8P	25	2482750000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
Note		

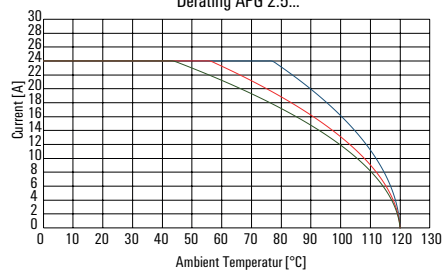
Type	Qty.	Order No.
MCV APG 2.5	50	2035590000
APGCE	50	1514490000
APGPC 2.5	50	1514500000
APGLE 2.5/4	25	2457570000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M MC NE WS	720	1792000000
Note		



Derating APG 1.5...



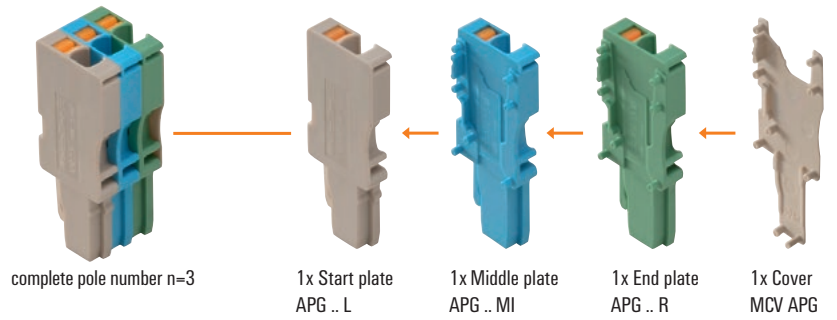
Derating APG 2.5...



Spring connection with PUSH IN technology (A-Series) Pluggable terminal blocks – Accessories

Single plates for individual assembly

The individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on-site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).



Plug

- Single plates, plug APG 1.5 L
- Marking option

APG 1.5



Type	Qty.	Order No.
APG 1.5 L	50	2482250000
APG 1.5 L BL	50	2482260000
APG 1.5 L GN	50	2482270000
APG 1.5 MI	50	2482280000
APG 1.5 MI BL	50	2482290000
APG 1.5 MI GN	50	2482300000
APG 1.5 R	50	2482310000
APG 1.5 R BL	50	2482320000
APG 1.5 R GN	50	2482330000
MCV APG 1.5	50	2485980000

APG 2.5



Type	Qty.	Order No.
APG 2.5 L	50	1513830000
APG 2.5 L BL	50	1513840000
APG 2.5 L RD		2976160000
APG 2.5 L GN	50	1513850000
APG 2.5 MI	50	1513880000
APG 2.5 MI BL	50	1513900000
APG 2.5 MI RD		2976170000
APG 2.5 MI GN	50	1513930000
APG 2.5 R	50	1513940000
APG 2.5 R BL	50	1513950000
APG 2.5 R RD		2976180000
APG 2.5 R GN	50	1513980000
MCV APG 2.5	50	2035590000

APG 4



Type	Qty.	Order No.
APG 4 L	50	2540360000
APG 4 L BL	50	2540560000
APG 4 L GN	50	2540570000
APG 4 MI	50	2540580000
APG 4 MI BL	50	2540590000
APG 4 MI GN	50	2540600000
APG 4 R	50	2540610000
APG 4 R BL	50	2540620000
APG 4 R GN	50	2540630000
MCV APG 4	50	2540800000

Ordering data
Single plates
Start plate
Middle plate
End plate
Cover
Note

Strain relief

- APGSR Strain relief transmits mechanical forces to the plastic housing and protects the contact point

APGSR

Strain reliefs



Type	Qty.	Order No.
APGSR 1.5	25	2482730000
APGSR 1.5 - 4P	25	2482740000
APGSR 1.5 - 8P	25	2482750000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
APGSR 6	20	2762390000

Application



Ordering data
1.5 mm ²
1.5 mm ²
1.5 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
6.0 mm ²
Note

Protective cover

- APGPC finger guard, also protects the contact point from dirt

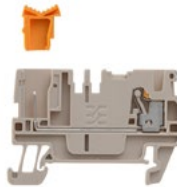
Ordering data

1.5 mm²
2.5 mm²
4.0 mm²
6.0 mm²

Note

APGPC

Protective cover



Type	Qty.	Order No.
APGPC 1.5	50	2482530000
APGPC 2.5	50	1514500000
APGPC 4	50	2540960000
APGPC 6	20	2762410000

Application



Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data

2.5 mm²

Note

APGCE

Coding elements



Type	Qty.	Order No.
APGCE	50	1514490000

Application



Locking elements

- APGLE to interlock with the terminal block
- APGLE interlock, plug - socket

Ordering data

1.5 mm²
2.5 mm² / 4 mm²
6.0 mm²

Note

APGLE

Locking element



Type	Qty.	Order No.
APGLE 1.5	25	2482720000
APGLE 2.5/4	25	2457570000
APGLE 6	20	2762400000

Application



PUSH IN terminal blocks with electronic components

Klippon® Connect A2T 2.5 EM

In industrial control panels, the smallest electronic components often have to be integrated to protect sensitive electronics, to connect components, to visualise operating states, and much more. Furthermore, maximum flexibility is required for the individual design of circuits.

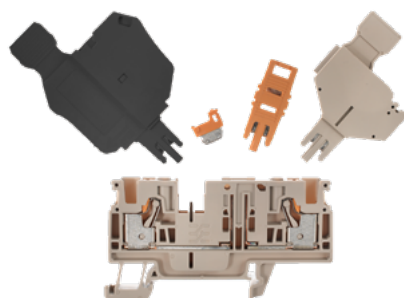
Our terminal blocks with integrated electronic components provide a space-saving way of integrating important functions into circuits. The standard portfolio includes terminals with integrated diodes, resistors, and LEDs. In addition, specific components can be selected and soldered into the terminal body. This allows Klippon® Connect terminals with PUSH IN technology to be used extremely flexibly for a wide range of switching tasks.

Your special advantages:

- Maximum flexibility due to designs with and without integrated electronic components
- Highest security for components against voltage peaks and overvoltage
- Individual application possibilities thanks to numerous contact points for the integration of customer-specific electronic components
- Thanks to the contour uniformity, a combination with standard double level terminal blocks is possible

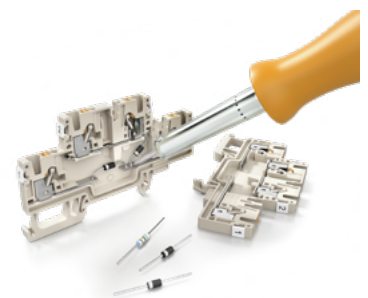
Alternative product solutions

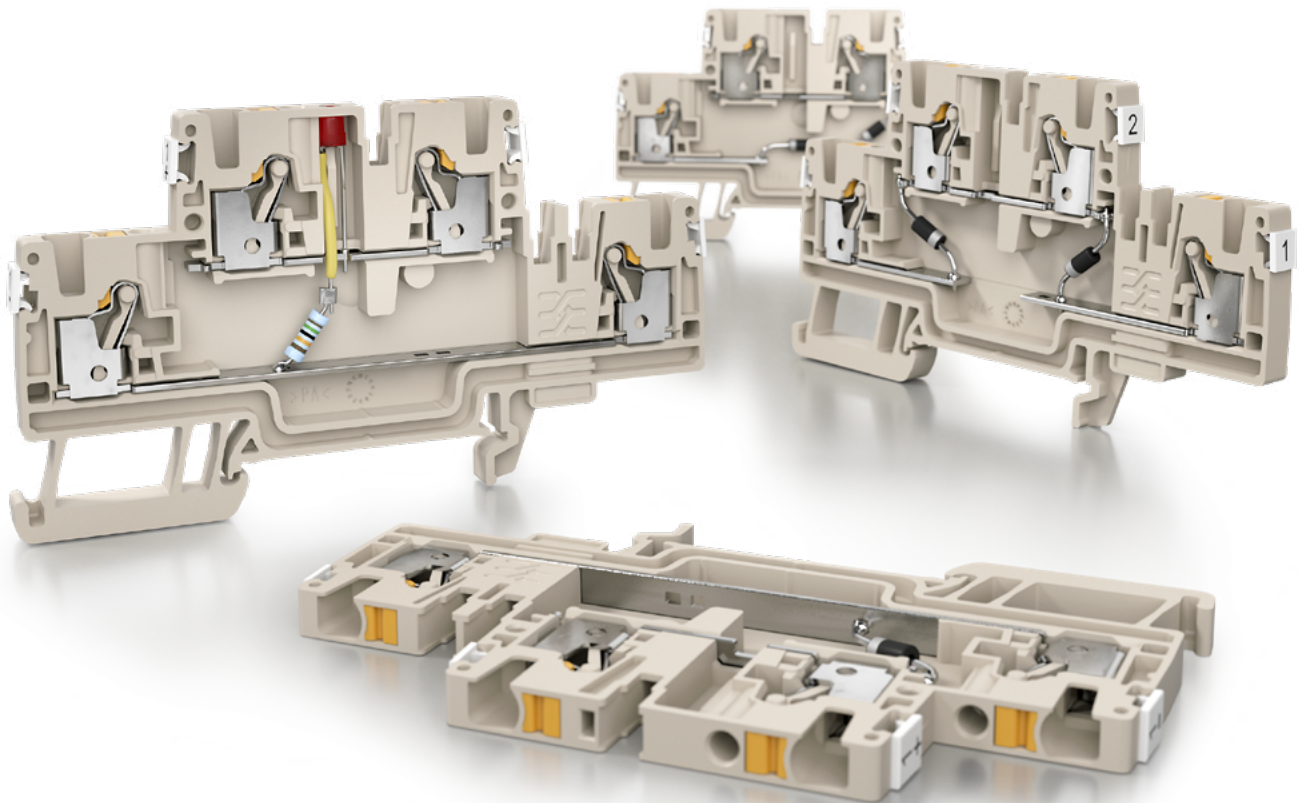
The multifunctional disconnection areas allow the insertion of fuse holders (SIHA) or component plugs (BEST). This allows test-disconnect terminals to be converted to fuse terminals or to terminal blocks with electronic components.



Individual application possibilities

Electronic components can be integrated into the different versions of the basic modular terminal block in accordance with the specific application. Numerous, easily accessible contact points allow the components to be soldered in.



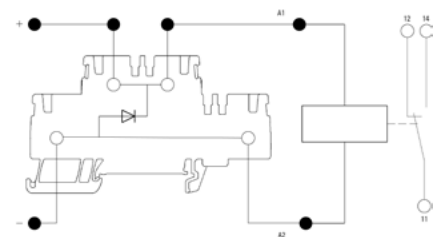


Flexible control cabinet integration

The design of the A2T 2.5 EM has the same contours as the standard double-level terminals of the A-series. Accessories such as the end plate can be adopted and potentials can be multiplied via the cross-connection channel.

Maximum protection of components

Integrated blocking diodes protect components against reverse currents or resistances. Voltage peaks or overvoltages can thus be effectively counteracted.



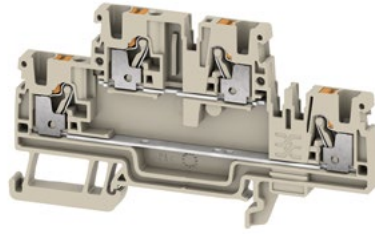
Spring connection with PUSH IN technology (A-Series)
Terminal blocks with electronic components

Universal range

A

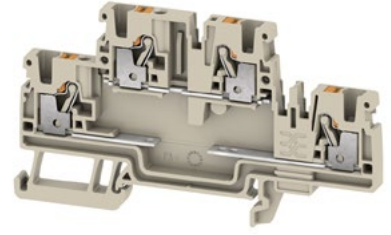
A2T 2.5 EM1 D/0

2.5 mm²



A2T 2.5 EM2 D/0

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 90 x 50.5	
0.5 / 4	
0.14...4	

5.1 x 90 x 50.5	
0.5 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
10	10		
2.5	AWG 28...12		
	/ 3		
	A3 / V-0		

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
10	10		
2.5	AWG 28...12		
	/ 3		
	A3 / V-0		

Clamped conductors

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-



Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm



Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Component diode

Type diode	
Forward current	
Reverse voltage	
Forward voltage	

Component LED

Colour	
Voltage, min.	
Voltage, max.	
Current	

Component resistor

Resistance	
Power loss	
Tolerance (%)	

Note

Ordering data

Version	
	dark beige, 1 A diode
	dark beige, 3 A diode
	End plate

Note

Type	Qty.	Order No.
A2T 2.5 EM1 D/0	50	2704330000

Type	Qty.	Order No.
A2T 2.5 EM2 D/0	50	2704360000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole

End plate

	dark beige
--	------------

End bracket

	dark beige, screwable
	dark beige, direct mounting

Test plug

--	--

Screwdriver

	Standard
--	----------

Marking tags

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AEP 2T 2.5	20	1547690000
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AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

PS 2.0 MC	20	0310000000
-----------	----	-------------------

SDIL 0,6X3,5X100	1	2749140000
------------------	---	-------------------

DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

WS 8/5 MM WS	800	2007150000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AEP 2T 2.5	20	1547690000
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AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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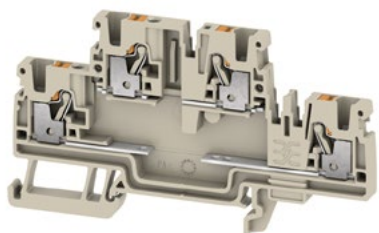
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

WS 8/5 MM WS	800	2007150000
SNAPMARK I	50	1805880000

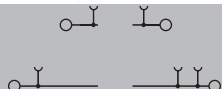
For detailed information on other accessories and application in the online catalogue

A2T 2.5 EM3 D/0

2.5 mm²



5.1 x 90 x 50.5
0.5 / 4
0.14...4



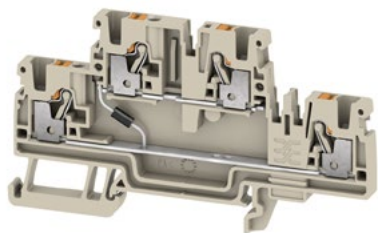
In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
	10		
2.5	AWG 28...12		
	/ 3		
	A3 / V-0		

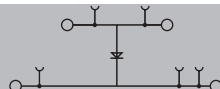
Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

A2T 2.5 EM1 D/1

2.5 mm²



5.1 x 90 x 50.5
0.5 / 4
0.14...4



In accordance with IEC 60947-7-1

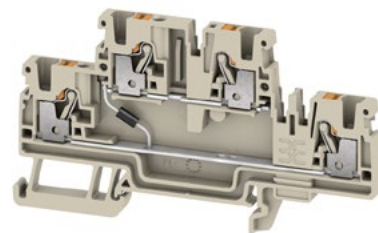
IEC	UL	CSA	EN 60079-7
500	24	24	
0.5	1	1	
2.5	AWG 28...12	AWG 28...12	
	/ 3		
	A3 / V-0		
	1 N 4007 /		

Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

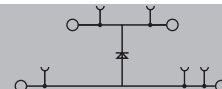
1N4007
1A
1300V
0.7V

A2T 2.5 EM1 D/2

2.5 mm²



5.1 x 90 x 50.5
0.5 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	24	24	
0.5	1	1	
2.5	AWG 28...12	AWG 28...12	
	/ 3		
	A3 / V-0		
	1 N 4007 /		

Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
A2T 2.5 EM3 D/0	50	2704340000

Type	Qty.	Order No.
A2T 2.5 EM1 D/1	50	2704370000
A2T 2.5 EM1 D3/1	50	2820630000

Type	Qty.	Order No.
A2T 2.5 EM1 D/2	50	2704380000
A2T 2.5 EM1 D3/2	50	2820640000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
SNAPMARK I	50	1805880000

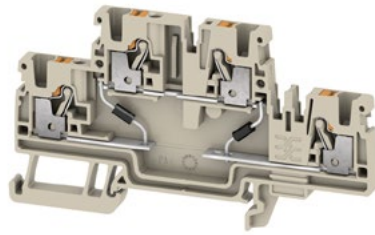


Spring connection with PUSH IN technology (A-Series)

Terminal blocks with electronic components

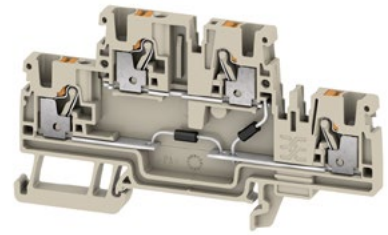
A2T 2.5 EM2 D/5

2.5 mm²



A2T 2.5 EM2 D/6

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 90 x 50.5	
0.5 / 4	
0.14...4	

5.1 x 90 x 50.5	
0.5 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	24	24	
0.5	1	1	
2.5	AWG 28...12	AWG 28...12	
/ 3			
A3 / V-0			
1 N 4007 /			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	24	24	
0.5	1	1	
2.5	AWG 28...12	AWG 28...12	
/ 3			
A3 / V-0			
1 N 4007 /			

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	

1N4007	
1A	
1300V	
0.7V	

1N4007	
1A	
1300V	
0.7V	

Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	

Note

Note

Note

Ordering data

Version
dark beige, 1 A diode
dark beige, 3 A diode
End plate

Type	Qty.	Order No.
A2T 2.5 EM2 D/5	50	2704390000

Type	Qty.	Order No.
A2T 2.5 EM2 D/6	50	2704400000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole

End plate	
	dark beige

End bracket	
	dark beige, screwable
	dark beige, direct mounting

Test plug	

Screwdriver	
	Standard

Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
SNAPMARK I	50	1805880000

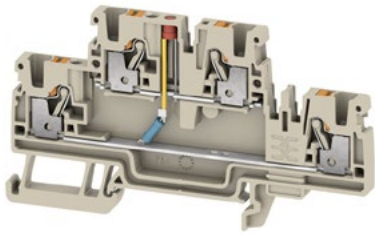
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
SNAPMARK I	50	1805880000

For detailed information on other accessories and application in the online catalogue

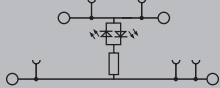
For detailed information on other accessories and application in the online catalogue

A2T 2.5 EM1 24VUC LED RD/1

2.5 mm²



5.1 x 90 x 50.5
0.02 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24	24	24	
0.02	1	1	
2.5	AWG 28...12	AWG 28...12	
/ 3			
A3 / V-0			
LED red / Resistance 4.7 kΩ			

CE cUL UK asCSA

Rated connection

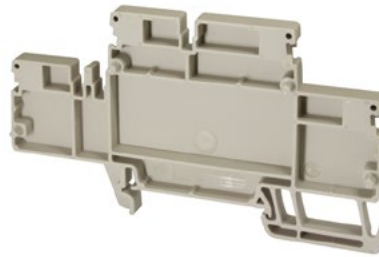
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

red
6V
24V
20mA
4.7kΩ
0.4W
1%

Type	Qty.	Order No.
A2T 2.5 EM1 24VUC LED RD/1	50	2704410000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
SNAPMARK I	50	1805880000

ASP 2T 2.5



5.1 x 90 x 50.5

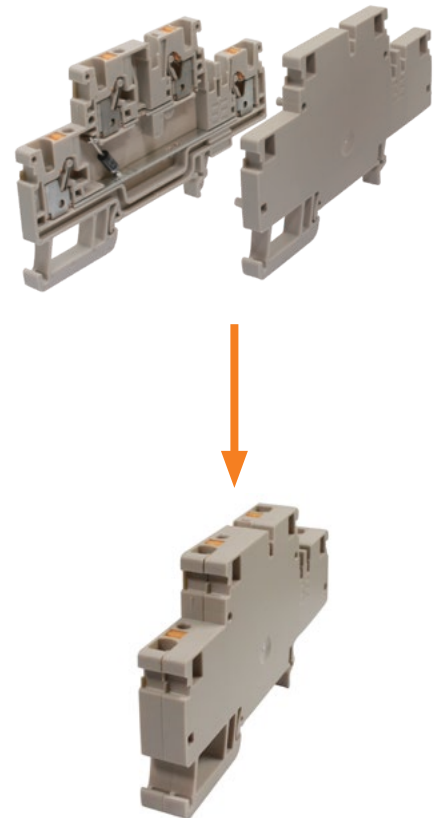
IEC	UL	CSA	EN 60079-7
/ V-0			

CE

Rated connection

Type	Qty.	Order No.
ASP 2T 2.5	20	2820650000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000



Efficient assembly of terminal blocks

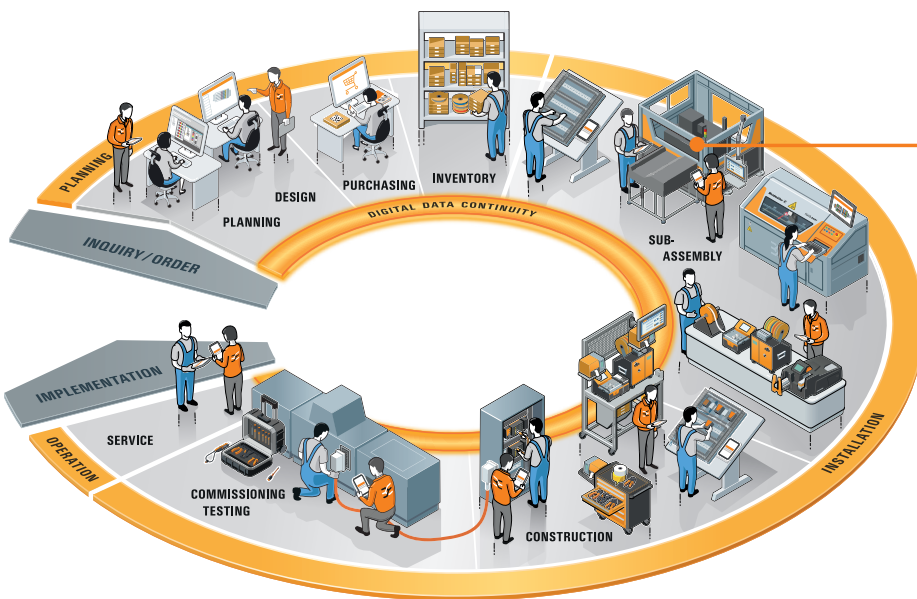
Klippon® Automated RailAssembler – effective time saving in control cabinet building

Value-added processes must be faster, more precise and more economical, especially in times of full order books and a growing lack of specialists. This particular applies to control cabinet construction. Digitalisation and automation are important factors for increasing efficiency.

The Klippon® Automated RailAssembler, in combination with the Weidmüller Configurator (WMC) software, enables the fully automatic assembly of terminal blocks. By using the automated system the commissioning, allocation and positioning of individual terminals is no longer necessary. Time savings of up to 60% can be achieved during the assembly process - and even more when considering the unmanned operation of up to 7 hours.

Special features:

- Up to 60 % time saving in terminal block assembly (or significantly more considering the unmanned operation of up to 7 hours)
- Avoidance of incorrect assembly thanks to data consistency between eCAD programs and Weidmüller Configurator (WMC)
- Easy handling due to universal magazines



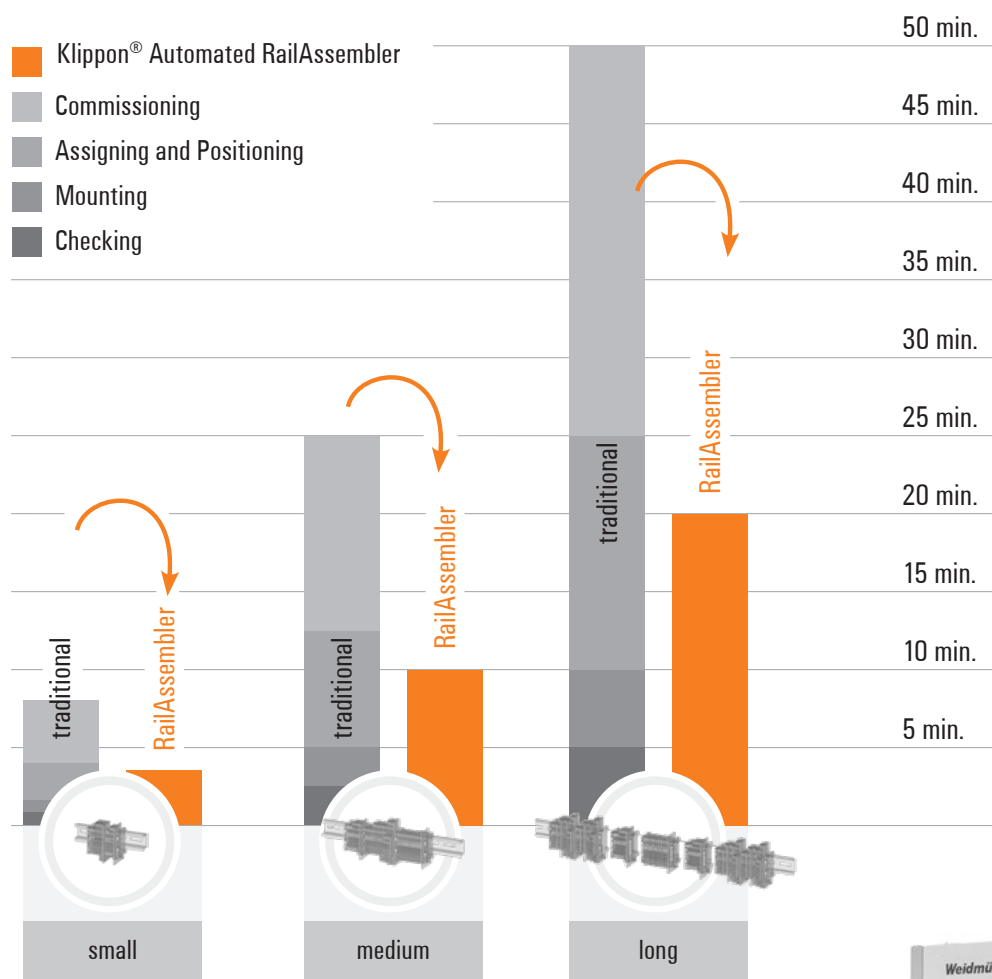
With Weidmüller, you have a powerful partner at your side who supports you with optimally coordinated solutions for your workshop in all phases. Based on many years of practical experience in all aspects of control cabinet construction, we offer you a comprehensive portfolio with which you can effectively accelerate your processes and increase your quality.

Discover your optimisation potential now:
www.weidmueller.com/workplace

Time savings up to
60%*

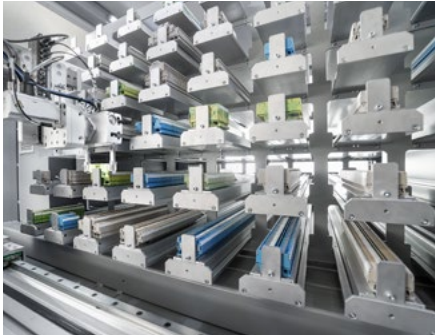
* or significantly more considering the unmanned operation

With the Klippon® Automated RailAssembler the commissioning, assigning and positioning, snapping on and inspecting the individual terminal blocks are obsolete.



Your advantage through innovative technologies

The cost-effective system for fully automated terminal block assembly



Maximum flexibility

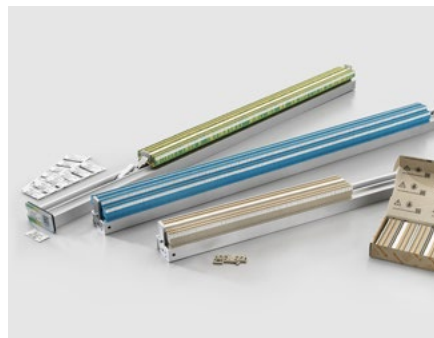
The universal magazines can be loaded with various components due to its universal design. Hereby maximum flexibility in operation is guaranteed. The machine has a total of 48 magazine positions for components as well as 20 positions for pre cut mounting rails.

Reliable quality

A continuous use of planning data from eCAD programs is possible through the Weidmüller Configurator (WMC). Due to the omission of the manual production steps, error potentials are minimized.

Contour robust gripper

Due to the adaptive gripper even complex component geometries can be handled robustly. Thus, the application range of the machine is maximized.



Optimized handling

Due to the generous storage capacity of the magazines filling processes are reduced to a minimum while also avoiding open quantities. Furthermore, the magazines already enable a fixed hold of individual components during the loading procedure. Consequently, the components cannot fall over on the magazine.

Matching assortment

Based on the Weidmüller standard markers a suitable portfolio of the Klippon® Connect A-Series with pre-assembled markers is available. In combination with the Klippon® Automated RailLaser for fully automatic marking, the full optimization potential can be reached.

Consistent transparency

The consistent software support during all work steps assists the operator and ensuring transparency on the order status.

Perfect for
200.000
terminal blocks
per year



Technical data

Supply voltage	400V AC / 16 A / 3.25 kW
Dimensions machine (W × H × D)	2400 x 2100 x 2100 mm
Dimensions output platform (W × H × D)	2100 x 1400 x 1250 mm
Installation area (W × D)	5700 x 5700 mm
Weight	2200 + 200 kg output platform
Interfaces	USB, Ethernet
Software	Weidmüller Configurator WMC
Mounting rail length	100 -1200 mm
Component magazine positions	48
Mounting rail magazine positions	20
Compressed air supply	6 bar / 1m³/h

Ordering data

Type	Order No.
RAILASSEMBLER	2738690000

More technical details and further labelling systems can be found at our website.



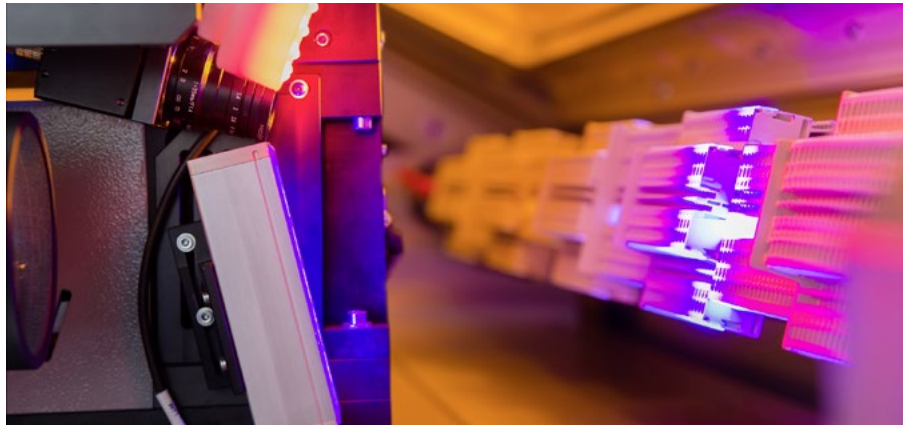
The perfect complement for our Klippon® Automated RailAssembler Klippon® Automated RailLaser



The core of the Klippon® Automated RailLaser is an image processing system that is used to measure the terminal strips before the marking process.

It determines the actual position of each marker, compares it with the theoretical position from the digital model and carries out the corresponding corrections fully automatically. This ensures a perfect marking result even in case of position deviations – e.g. because of thermal expansion of the components or inaccurate clamp position due to manual assembly.

Innovative technologies as well as a high-quality laser source ensure fast and precise marking results on a wide variety of materials. The Klippon® Automated RailLaser can be flexibly equipped with up to 3 mounting rails with a maximum total length of 1.20 meters. With time savings of up to 90 %, labeling terminal strips reaches the next level of efficient marking.



Matching assortment

Reliable quality



Ordering data

Type	Order No.
RAILLASER	2705010000

More technical details and further labelling systems can be found in our online catalogue.

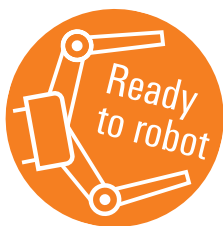


The perfect complement for our Klippon® Automated RailLaser Terminal blocks for the direct labeling

In addition to the marking process, equipping the terminal blocks with markers is also very time-consuming.

That is why we already carried out this step for you. Use our Weidmüller standard markers, which are pre-equipped with Klippon® Connect A-Series or S-Series terminal blocks. You benefit from the full optimisation potential of the Klippon® Automated RailLaser.

Our Klippon® Connect A-Series and S-Series has been designed to be ready-to-robot. Special features such as the gripper optimised outer contours ensure safe handling with a robot.



More technical details and an overview of the terminal blocks for direct labeling you can find in our web shop:
<https://eshop.weidmueller.com/c/group4504319565047>

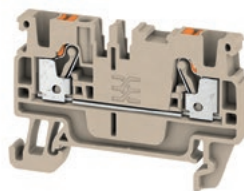


Spring connection with PUSH IN technology (A-Series)

Terminal blocks with integrated markers

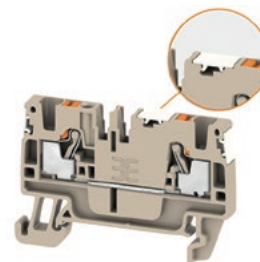
A2C 2.5

2.5 mm²



A2C 2.5 DL

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 55 x 36.5	
24 / 4	
0.14...4	

5.1 x 55 x 36.5	
24 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
8 kV / 3			
A3 / V-0			



Rated connection	
0.5...2.5 / 0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	dark beige
	Blue

Type	Qty.	Order No.
A2C 2.5	100	1521850000
A2C 2.5 BL	100	1521880000

Type	Qty.	Order No.
A2C 2.5 DL	100	2674690000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2C 2.5	50	1514400000
AEP 2C 2.5 BL	50	1514420000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2C 2.5	50	1514400000
AEP 2C 2.5 BL	50	1514420000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000

For detailed information on other accessories and application in the online catalogue

The perfect complement for our Klippon® Automated RailLaser

Klippon® RailSnapper for direct mounting of DIN rails

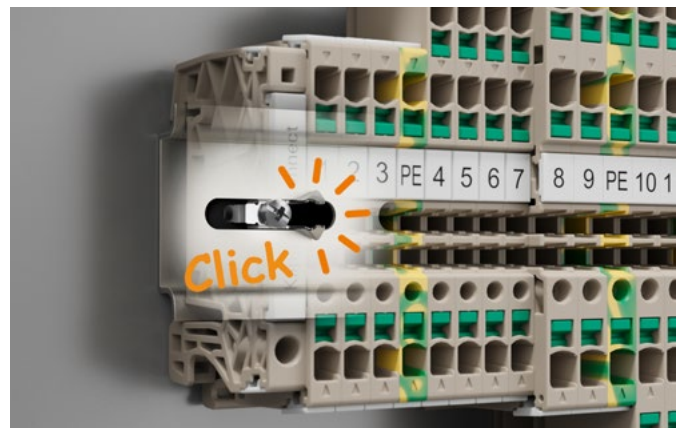
The Klippon® RailSnapper: Your key to simple and secure fastening of your DIN rail. With the clever click mechanism, which is ensured by wing screws, we offer you maximum security for DIN rail mounting.

But that's not all – our low installation height allows you to mount with components already snapped on. This allows you to use the entire length of your DIN rail without any restrictions.

No more annoying cut-outs for fixing screws and unused space on your DIN rail. With the Klippon® RailSnapper you can optimize your processes and create valuable space in your cabinet.



More technical details and further information on our Klippon® RailSnapper can be found in our online catalog:
www.weidmueller.com/railsnapper



Fast Mounting Clip

FMC 5.2/1.0 SC

FMC 5.2/1.0 BR



Technical Data

Thread size	M3.5
Hole dimension / Drill hole	2.9 mm

Thread size	M3.5
Hole dimension / Drill hole	2.9 mm

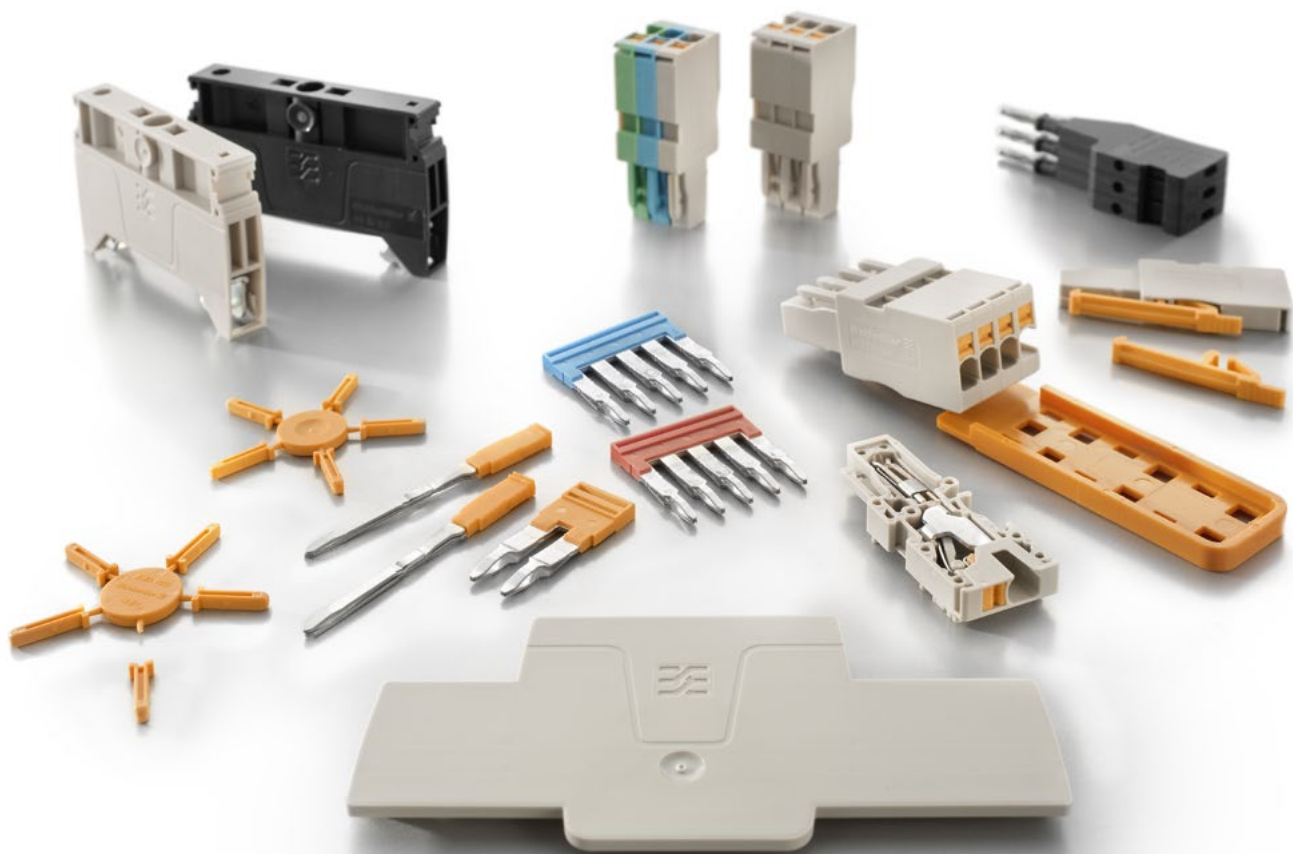
Hole dimension / Drill hole	3.3 mm
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Ordering data

Variants with screw	
Variants with rivet	

Type	Qty.	Order-No.
FMC 5.2/1.0 SC	100	2920530000

Type	Qty.	Order-No.
FMC 5.2/1.0 BR	100	2968380000



Integrated partition plate

APP1



Dimensions	
Width / Height / Depth	mm
Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C
Material	Wemid
UL 94 flammability rating	V-0
Ordering data	
	dark beige

Type	VPE	Order No.
APP 1	50	2488970000
A2C 1.5		1552790000
A2C 1.5 PE		1552680000
APGTB 1.5 FT 2C/1		2482160000
APGTB 1.5 PE 2C/1		2482220000
A2C 2.5		1521850000
A2C 2.5 PE		1521680000
APGTB 2.5 FT 2C/1		1513970000
APGTB 2.5 PE 2C/1		1513870000

Note

matching terminals

APP2



Type	Qty.	Order No.
APP 2	50	2489090000
A3C 1.5		1552740000
A3C 1.5 PE		1552670000
A4C 1.5		1552690000
A4C 1.5 PE		1552660000
APGTB 1.5 FT 3C/1		2482180000
APGTB 1.5 PE 3C/1		2482230000
ADT 2.5 2C		1989800000
A2C 2.5 /DT/FS		1989900000
A2C 2.5 PE /DT/FS		1989890000
A3C 2.5		1521740000
A3C 2.5 PE		1521670000
A4C 2.5		1521690000
A4C 2.5 PE		1521540000
APGTB 2.5 FT 3C/1		1514000000
APGTB 2.5 PE 3C/1		1513890000
AFS 2.5 CF 2C BK		2466530000
AFS 2.5 CF 2C 12V BK		2466610000
AFS 2.5 CF 2C 24V BK		2466600000
A2C 4		2051180000
A2C 4 PE		2051360000
A3C 4		2051240000
A3C 4 PE		2051410000
A4C 4		2051500000
A4C 4 PE		2051560000
ADT 4 2C		2429850000
AFS 4 2C BK		2429860000
A2C 6		1992110000
A2C 6 PE		1991810000

APP3



Type	Qty.	Order No.
APP 3	50	2489100000
APGTB 1.5 FT 4C/2		2482200000
APGTB 1.5 PE 4C/2		2482240000
APGTB 2.5 FT 4C/2		1514030000
APGTB 2.5 PE 4C/2		1513920000
ADT 2.5 3C		1989830000
ADT 2.5 4C		1989860000
A3C 6		1991820000
A3C 6 PE		1991850000
AAP11 ...		
AAP13 ...		
AI021 1.5 SI		1992260000
AI021 1.5 SO		1992240000
AI021 1.5 SO-PE		1992250000
AI022 1.5 SI-PE		1992230000

Integrated partition plate

APP4



Dimensions	
Width / Height / Depth	mm
Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C
Material	Wemid
UL 94 flammability rating	V-0
Ordering data	
	dark beige

Type	Qty.	Order No.
APP 4	50	2489110000
APGTB 1.5 2T 4C/2		2485840000
APGTB 1.5 2T PE 4C/2		2485870000
A2T 1.5		2469370000
A2T 1.5 PE		2469410000
A2T 2.5		1547610000
A2T 2.5 PE		1547680000
APGTB 2.5 2T 4C/2		1548060000
APGTB 2.5 2T PE 4C/2		1548160000

Note

matching terminals



Pluggable Cross-Connection ZQV



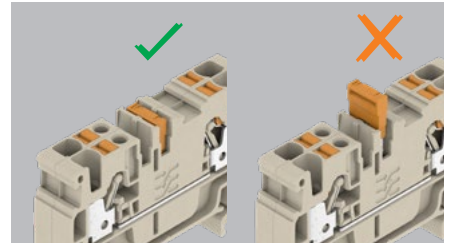
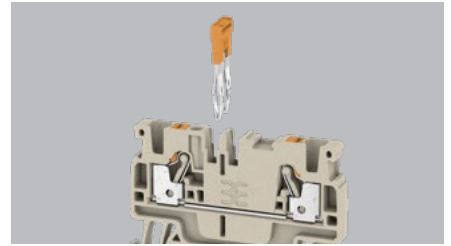
Weidmüller offers plug-in and screwed cross-connection systems for screw-connection terminal blocks. The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions. This also ensures that all poles always contact reliably.

Fitting and changing crossconnections

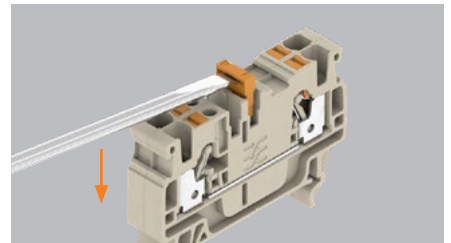
The fitting and changing of cross-connections is a trouble-free and fast operation:

- Insert the cross-connection into the crossconnection channel in the terminal...

... and press it fully home.
(The cross-connection may not project from the channel.)

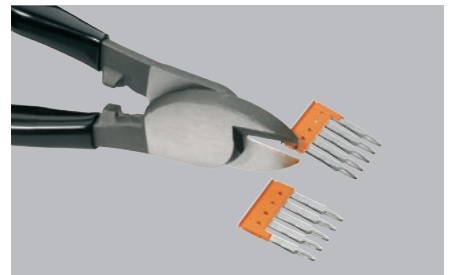


- Remove a cross-connection by simply prising it out with a screwdriver.



Shortening cross-connections

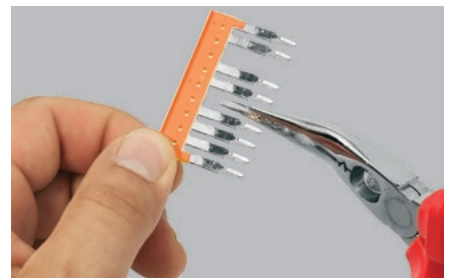
Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.



Breaking out contact elements

If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

Caution:
Contact elements must not be deformed!



Note: By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.



ALO 6 and ALO 16 supply terminals

The ALO 6 and ALO 16 supply terminals can be fed by wires of cross-section 6 or 16 mm². Over standard cross-connections the potential is distributed over any number of terminals blocks of smaller cross-section. Some variants for potential distribution during feed-in are indicated in the table below, including the cross-connection which can be used and the maximum current allowed.

Integrated endplate



Output options and cross-connectors to use

Supply terminal	Output terminal	Cross-connection	Feed-in left	Feed-in right
ALO 6	A2C 1.5	ZQV 1.5N	•	•
	A3C 1.5	ZQV 1.5N	•	•
	A4C 1.5	ZQV 1.5N	•	•
	A2C 2.5	ZQV 2.5N	•	•
	A3C 2.5	ZQV 2.5N	•	•
	A4C 2.5	ZQV 2.5N	•	•

Output options and cross-connectors to use

Supply terminal	Output terminal	Cross-connection	Feed-in left	Feed-in right
ALO 16	A2C 1.5	ZQV 1.5N	•	•
	A3C 1.5	ZQV 1.5N	•	•
	A4C 1.5	ZQV 1.5N	•	•
	A2C 2.5	ZQV 2.5N	•	•
	A3C 2.5	ZQV 2.5N	•	•
	A4C 2.5	ZQV 2.5N	•	•
	A2C 4	ZQV 4N	•	•
	A3C 4	ZQV 4N	•	•
	A4C 4	ZQV 4N	•	•
	A2C 6	ZQV 6N	•	•
	A3C 6	ZQV 6N	•	•

Maximum current flow I_{max} only with ALO 6

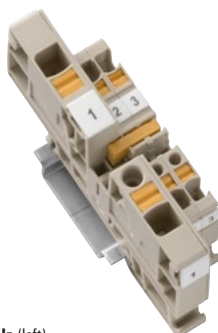
Output terminal	Cross-connection	Wire cross-section	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A3C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A4C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A2C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A
A3C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A
A4C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A

Maximum current flow I_{max} at ALO 16 with cross-section 16 mm²

Output terminal	Cross-connection	Wire cross-section	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	16 mm ²	48 A	72 A
A3C 1.5	ZQV 1.5N	16 mm ²	48 A	72 A
A4C 1.5	ZQV 1.5N	16 mm ²	48 A	72 A
A2C 2.5	ZQV 2.5N	16 mm ²	68 A	76 A
A3C 2.5	ZQV 2.5N	16 mm ²	68 A	76 A
A4C 2.5	ZQV 2.5N	16 mm ²	68 A	76 A
A2C 4	ZQV 4N	16 mm ²	76 A	76 A
A3C 4	ZQV 4N	16 mm ²	76 A	76 A
A4C 4	ZQV 4N	16 mm ²	76 A	76 A
A2C 6	ZQV 6N	16 mm ²	76 A	76 A
A3C 6	ZQV 6N	16 mm ²	76 A	76 A

Maximum current flow I_{max} at ALO 16 with cross-section 10 mm²

Output terminal	Cross-connection	Wire cross-section	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	10 mm ²	48 A	57 A
A3C 1.5	ZQV 1.5N	10 mm ²	48 A	57 A
A4C 1.5	ZQV 1.5N	10 mm ²	48 A	57 A
A2C 2.5	ZQV 2.5N	10 mm ²	57 A	57 A
A3C 2.5	ZQV 2.5N	10 mm ²	57 A	57 A
A4C 2.5	ZQV 2.5N	10 mm ²	57 A	57 A
A2C 4	ZQV 4N	10 mm ²	57 A	57 A
A3C 4	ZQV 4N	10 mm ²	57 A	57 A
A4C 4	ZQV 4N	10 mm ²	57 A	57 A
A2C 6	ZQV 6N	10 mm ²	57 A	57 A
A3C 6	ZQV 6N	10 mm ²	57 A	57 A



$I_{max} = \Sigma I_n$ (left)



$I_{max} = \Sigma I_n$ (left) + ΣI_n (right)



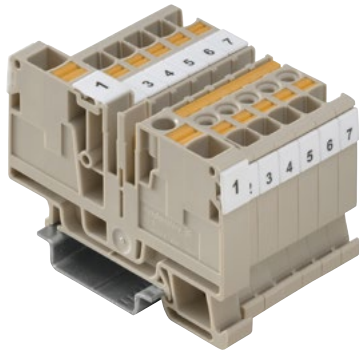
$I_{max} = \Sigma I_n$ (right)

Supply with standard terminals

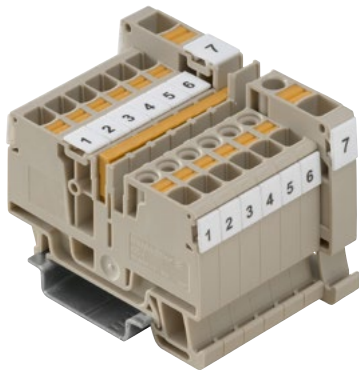
According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 meters away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it "short-circuit proof".

A

Supply on the left



Supply on the right



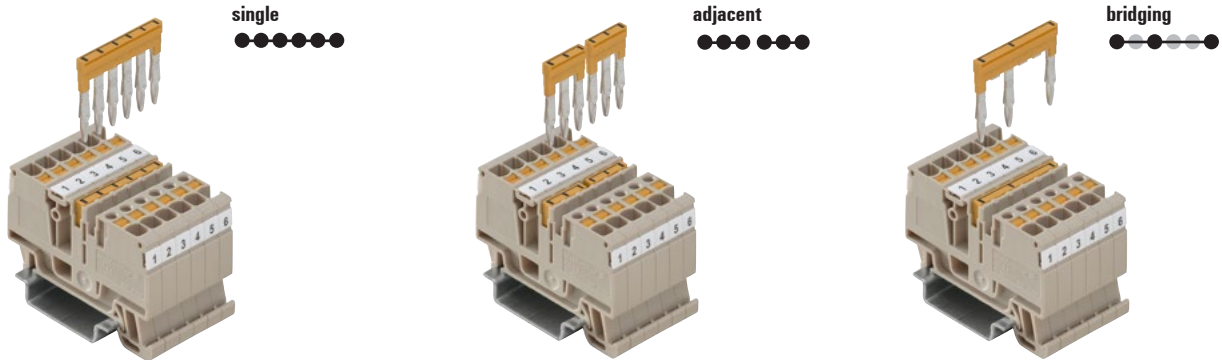
Supply options and corresponding cross-connections

Supply terminals		left											
		2.5 mm ²					4 mm ²					6 mm ²	
		A2C	A3C	A4C	ADT 2C	AFS 2C CF	A2C	A3C	A4C	ADT 2C	AFS 2C	A2C	A3C
Output terminals right													
1.5 mm ²	A2C	ZOV 1.5N	•										
	A3C	ZOV 1.5N	•	•									
	A4C	ZOV 1.5N	•	•	•	•	•						
2.5 mm ²	A2C	ZOV 2.5N					•	•					
	A3C	ZOV 2.5N					•	•	•				
	A4C	ZOV 2.5N					•	•	•	•			
	ADT 2C	ZOV 2.5N					•	•	•	•			
AFS 2C CF	ZOV 2.5N					•	•	•	•	•			
4 mm ²	A2C	ZOV 4N										•	•
	A3C	ZOV 4N										•	•
	A4C	ZOV 4N										•	•
	ADT 2C	ZOV 4N										•	•
	AFS 2C	ZOV 4N										•	•

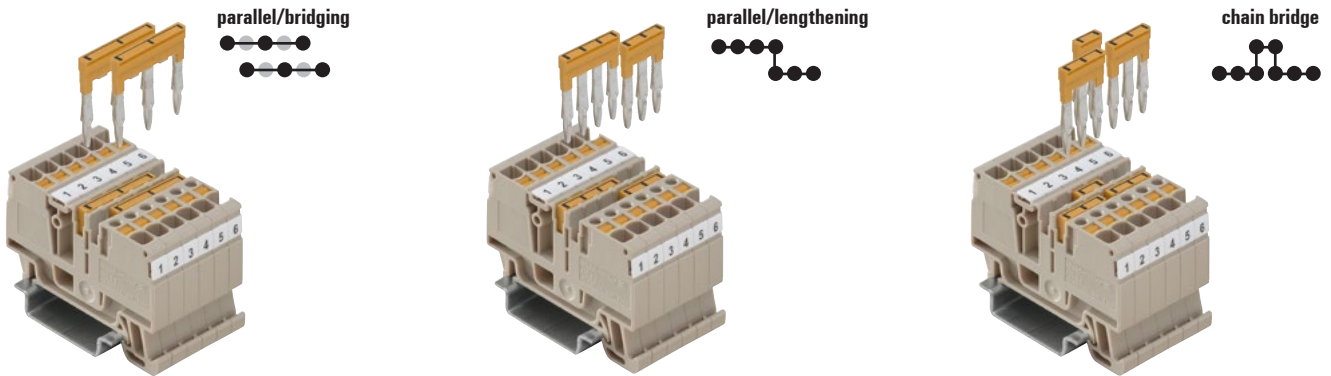
Supply terminals		right											
		2.5 mm ²					4 mm ²					6 mm ²	
		A2C	A3C	A4C	ADT 2C	AFS 2C CF	A2C	A3C	A4C	ADT 2C	AFS 2C	A2C	A3C
Output terminals left													
1.5 mm ²	A2C	ZOV 1.5N	•	•	•	•							
	A3C	ZOV 1.5N		•	•	•							
	A4C	ZOV 1.5N			•	•	•						
2.5 mm ²	A2C	ZOV 2.5N					•	•					
	A3C	ZOV 2.5N					•	•	•				
	A4C	ZOV 2.5N						•	•	•			
	ADT 2C	ZOV 2.5N						•	•	•			
AFS 2C CF	ZOV 2.5N							•	•	•			
4 mm ²	A2C	ZOV 4N										•	•
	A3C	ZOV 4N										•	•
	A4C	ZOV 4N										•	•
	ADT 2C	ZOV 4N										•	•
	AFS 2C	ZOV 4N										•	•

Possible combinations

In one cross-connection channel



In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type	Cross-section	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals	mm ²							
A ... C	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A2T	1.5	ZQV 1.5N/...	•	•	•	•	•	
A2T PE	1.5	ZQV 1.5N/...	•	•	•	•	•	
A3T	1.5	ZQV 1.5N/...	•	•	•	•	•	
A3T PE	1.5	ZQV 1.5N/...	•	•	•	•	•	
APGTB	1.5	ZQV 1.5N/...	•	•	•	•	•	
APGTB 2T	1.5	ZQV 1.5N/...	•	•	•	•	•	
APGTB 2T PE	1.5	ZQV 1.5N/...	•	•	•	•	•	
A ... C	2.5	ZQV 2.5N/...	•	•	•	•	•	
A2T	2.5	ZQV 2.5N/...	•	•	•	•	•	
A2T PE	2.5	ZQV 2.5N/...	•	•	•	•	•	
A3T	2.5	ZQV 2.5N/...	•	•	•	•	•	
A3T PE	2.5	ZQV 2.5N/...	•	•	•	•	•	
ADT	2.5	ZQV 2.5N/...	•	•	•	•	•	
AFS	2.5	ZQV 2.5N/...	•	•	•	•	•	
APGTB	2.5	ZQV 2.5N/...	•	•	•	•	•	
APGTB 2T	2.5	ZQV 2.5N/...	•	•	•	•	•	
APGTB 2T PE	2.5	ZQV 2.5N/...	•	•	•	•	•	
A ... C	4	ZQV 4N/...	•	•	•	•	•	
A2T	4	ZQV 4N/...	•	•	•	•	•	
A2T PE	4	ZQV 4N/...	•	•	•	•	•	
ADT	4	ZQV 4N/...	•	•	•	•	•	
AFS	4	ZQV 4N/...	•	•	•	•	•	
APGTB	4	ZQV 4N/...	•	•	•	•	•	
APGTB 2T	4	ZQV 4N/...	•	•	•	•	•	
APGTB 2T PE	4	ZQV 4N/...	•	•	•	•	•	
A ... C	6	ZQV 6N/...	•	•	•	•	•	
A ... C	10	ZQV 10N/...	•	•	•	•	•	
A ... C	16	ZQV 16N/...	•	•	•	•	•	

Spring connection with PUSH IN technology (A-Series)

Accessories

Cross-connections according to dimensions

ZQV 1.5N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

17.5			
Type	Qty.	Order No.	
ZQV 1.5N/2	60	1985410000	
ZQV 1.5N/3	60	1985480000	
ZQV 1.5N/4	60	1985490000	
ZQV 1.5N/5	20	1985500000	
ZQV 1.5N/6	20	1985510000	
ZQV 1.5N/7	20	1985520000	
ZQV 1.5N/8	20	1985540000	
ZQV 1.5N/9	20	1985560000	
ZQV 1.5N/10	20	1985580000	
ZQV 1.5N/20	20	1985600000	
ZQV 1.5N/50	5	1985620000	
Note			

ZQV 2.5N



24			
Type	Qty.	Order No.	
ZQV 2.5N/2	60	1527540000	
ZQV 2.5N/3	60	1527570000	
ZQV 2.5N/4	60	1527590000	
ZQV 2.5N/5	20	1527620000	
ZQV 2.5N/6	20	1527630000	
ZQV 2.5N/7	20	1527640000	
ZQV 2.5N/8	20	1527670000	
ZQV 2.5N/9	20	1527680000	
ZQV 2.5N/10	20	1527690000	
ZQV 2.5N/20	20	1527720000	
ZQV 2.5N/50	5	1527730000	
Note			

ZQV 4N



32			
Type	Qty.	Order No.	
ZQV 4N/2	60	1527930000	
ZQV 4N/3	60	1527940000	
ZQV 4N/4	60	1527970000	
ZQV 4N/5	60	1527980000	
ZQV 4N/6	20	1527990000	
ZQV 4N/7	20	1528020000	
ZQV 4N/8	20	1528030000	
ZQV 4N/9	20	1528070000	
ZQV 4N/10	20	1528090000	
ZQV 4N/20	20	2883800000	
ZQV 4N/41	10	2883810000	
ZQV 4N/50	5	1528130000	
Note			



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

17.5			
Type	Qty.	Order No.	
ZQV 1.5N/2 BL	60	1985530000	
ZQV 1.5N/3 BL	60	1985550000	
ZQV 1.5N/4 BL	60	1985570000	
ZQV 1.5N/5 BL	20	1985590000	
ZQV 1.5N/6 BL	20	1985610000	
ZQV 1.5N/7 BL	20	1985630000	
ZQV 1.5N/8 BL	20	1985640000	
ZQV 1.5N/9 BL	20	1985660000	
ZQV 1.5N/10 BL	20	1985680000	
ZQV 1.5N/20 BL	20	1985700000	
ZQV 1.5N/50 BL	5	1985720000	
Note			



24			
Type	Qty.	Order No.	
ZQV 2.5N/2 BL	60	1527740000	
ZQV 2.5N/3 BL	60	1527770000	
ZQV 2.5N/4 BL	60	1527780000	
ZQV 2.5N/5 BL	20	1527790000	
ZQV 2.5N/6 BL	20	1527820000	
ZQV 2.5N/7 BL	20	1527830000	
ZQV 2.5N/8 BL	20	1527840000	
ZQV 2.5N/9 BL	20	1527870000	
ZQV 2.5N/10 BL	20	1527880000	
ZQV 2.5N/20 BL	20	1527890000	
ZQV 2.5N/50 BL	5	1527920000	
Note			



32			
Type	Qty.	Order No.	
ZQV 4N/2 BL	60	1528040000	
ZQV 4N/3 BL	60	1528080000	
ZQV 4N/4 BL	60	1528120000	
ZQV 4N/5 BL	60	1528140000	
ZQV 4N/6 BL	20	1528170000	
ZQV 4N/7 BL	20	1528180000	
ZQV 4N/8 BL	20	1528190000	
ZQV 4N/9 BL	20	1528220000	
ZQV 4N/10 BL	20	1528230000	
ZQV 4N/20 BL	20	2810850000	
ZQV 4N/41 BL	10	2883820000	
ZQV 4N/50 BL	5	1528240000	
Note			



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

17.5			
Type	Qty.	Order No.	
ZQV 1.5N/2 RD	60	1985650000	
ZQV 1.5N/3 RD	60	1985670000	
ZQV 1.5N/4 RD	60	1985690000	
ZQV 1.5N/5 RD	20	1985710000	
ZQV 1.5N/6 RD	20	1985730000	
ZQV 1.5N/7 RD	20	1985750000	
ZQV 1.5N/8 RD	20	1985770000	
ZQV 1.5N/9 RD	20	1985790000	
ZQV 1.5N/10 RD	20	1985800000	
ZQV 1.5N/20 RD	20	1985810000	
ZQV 1.5N/50 RD	5	1985820000	
Note			



24			
Type	Qty.	Order No.	
ZQV 2.5N/2 RD	60	2108470000	
ZQV 2.5N/3 RD	60	2108690000	
ZQV 2.5N/4 RD	60	2108700000	
ZQV 2.5N/5 RD	20	2108710000	
ZQV 2.5N/6 RD	20	2108720000	
ZQV 2.5N/7 RD	20	2108810000	
ZQV 2.5N/8 RD	20	2108870000	
ZQV 2.5N/9 RD	20	2108900000	
ZQV 2.5N/10 RD	20	2108910000	
ZQV 2.5N/20 RD	20	2108920000	
ZQV 2.5N/50 RD	5	2109000000	
Note			



32			
Type	Qty.	Order No.	
ZQV 4N/2 RD	60	2460450000	
ZQV 4N/3 RD	60	2460810000	
ZQV 4N/4 RD	60	2460800000	
ZQV 4N/5 RD	60	2460790000	
ZQV 4N/6 RD	20	2460780000	
ZQV 4N/7 RD	20	2460770000	
ZQV 4N/8 RD	20	2460760000	
ZQV 4N/9 RD	20	2460750000	
ZQV 4N/10 RD	20	2460740000	
ZQV 4N/20 RD	20	2810860000	
ZQV 4N/41 RD	10	2883840000	
ZQV 4N/50 RD	5	2460730000	
Note			



ZQV 6N



41		
Type	Qty.	Order No.
ZQV 6N/2	60	1985740000
ZQV 6N/3	60	1985760000
ZQV 6N/4	60	1985780000
ZQV 6N/6	20	2733950000
ZQV 6N/7	20	2733960000
ZQV 6N/10	20	2733970000
ZQV 6N/20	20	2810820000

ZQV 10N/2



57		
Type	Qty.	Order No.
ZQV 10N/2	25	2497250000

ZQV 16N/2



76		
Type	Qty.	Order No.
ZQV 16N/2	25	2497290000

ZQV 35N/2



125		
Type	Qty.	Order No.
ZQV 35N/2	10	2634950000

Reducing bridge		
Type	Qty.	Order No.
ZQV 35N - 16	10	2562660000
ZQV 35N - 10	10	2562670000



41		
Type	Qty.	Order No.
ZQV 6N/2 BL	60	1985830000
ZQV 6N/3 BL	60	1985840000
ZQV 6N/4 BL	60	1985850000
ZQV 6N/6 BL	20	2786890000
ZQV 6N/7 BL	20	2786900000
ZQV 6N/10 BL	20	2786910000



Spring connection with PUSH IN technology (A-Series)
Accessories

Cross-connections according to
dimensions

ZQV 50/70N



ZQV 95/120N



ZQV 150/185N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
Note	

150		
Type	Qty.	Order No.
ZQV 50/70N/2	10	2663400000

192		
Type	Qty.	Order No.
ZQV 95/120N/2	10	2694250000
ZQV 95/120N/3	10	2694260000

232		
Type	Qty.	Order No.
ZQV 150/185N/2	5	2728840000
ZQV 150/185N/3	5	2728850000

Universal range

A



Cross-connections according to dimensions

ZQV 2.5N



ZQV 4N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 WT	60	2831560000	
ZQV 2.5N/3 WT	60	2831570000	
ZQV 2.5N/4 WT	60	2831580000	
ZQV 2.5N/5 WT	20	2831590000	
ZQV 2.5N/6 WT	20	2831600000	
ZQV 2.5N/7 WT	20	2831610000	
ZQV 2.5N/8 WT	20	2831620000	
ZQV 2.5N/9 WT	20	2831630000	
ZQV 2.5N/10 WT	20	2831640000	
ZQV 2.5N/20 WT	20	2831650000	
ZQV 2.5N/50 WT	5	2831660000	

32			
Type	Qty.	Order No.	
ZQV 4N/2 WT	60	2831800000	
ZQV 4N/3 WT	60	2831810000	
ZQV 4N/4 WT	60	2831820000	
ZQV 4N/5 WT	60	2831830000	
ZQV 4N/6 WT	20	2831840000	
ZQV 4N/7 WT	20	2831850000	
ZQV 4N/8 WT	20	2831860000	
ZQV 4N/9 WT	20	2831870000	
ZQV 4N/10 WT	20	2831790000	



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 BK	60	2831670000	
ZQV 2.5N/3 BK	60	2831680000	
ZQV 2.5N/4 BK	60	2831690000	
ZQV 2.5N/5 BK	20	2831700000	
ZQV 2.5N/6 BK	20	2831710000	
ZQV 2.5N/7 BK	20	2831720000	
ZQV 2.5N/8 BK	20	2831730000	
ZQV 2.5N/9 BK	20	2831740000	
ZQV 2.5N/10 BK	20	2831750000	
ZQV 2.5N/20 BK	20	2831760000	
ZQV 2.5N/50 BK	5	2831770000	

32			
Type	Qty.	Order No.	
ZQV 4N/2 BK	60	2810840000	
ZQV 4N/3 BK	60	2810880000	
ZQV 4N/4 BK	60	2810890000	
ZQV 4N/5 BK	60	2810900000	
ZQV 4N/6 BK	20	2810910000	
ZQV 4N/7 BK	20	2810920000	
ZQV 4N/8 BK	20	2810930000	
ZQV 4N/9 BK	20	2831780000	
ZQV 4N/10 BK	20	2810830000	
ZQV 4N/20 BK	20	2810870000	
ZQV 4N/41 BK	10	2831890000	



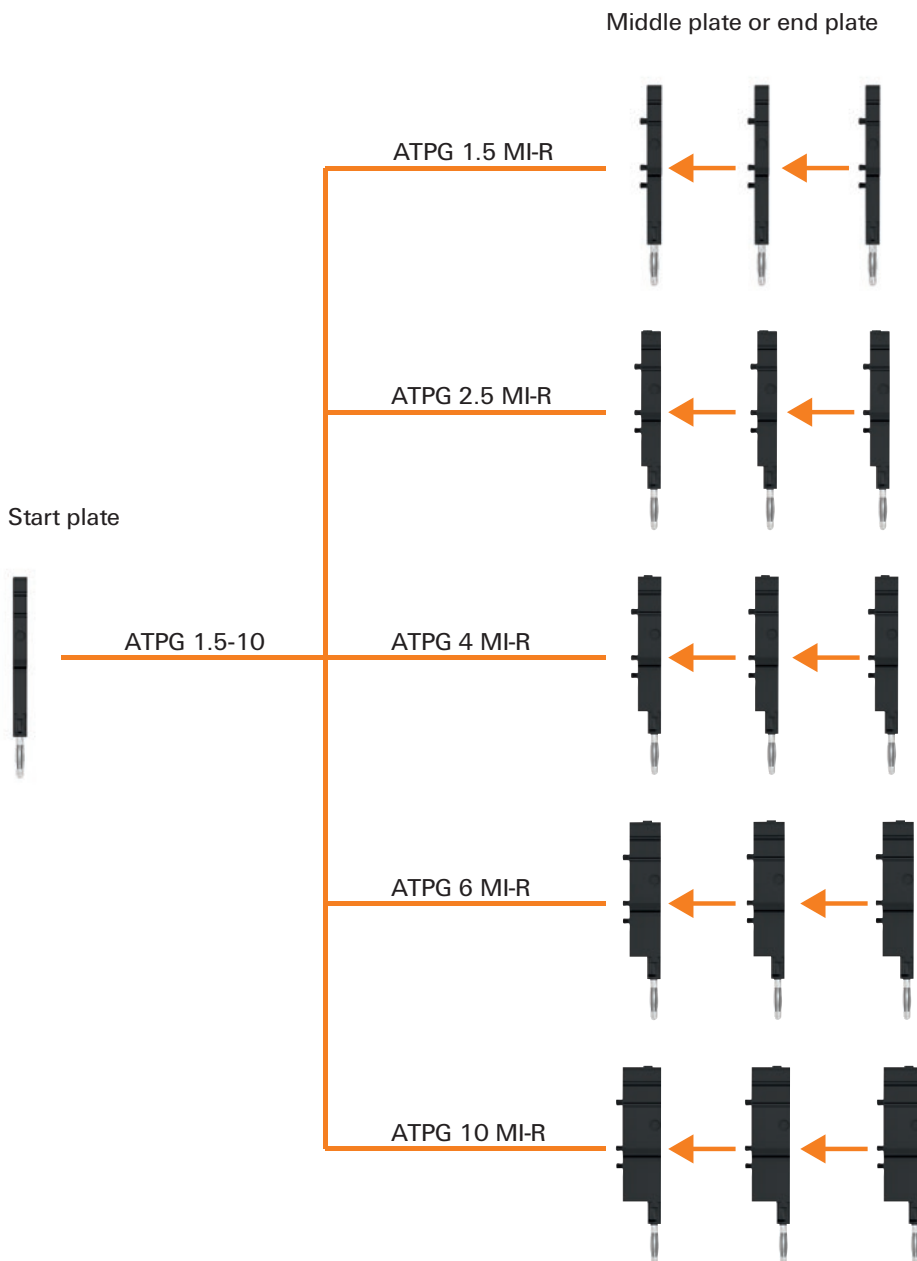
Test adapters for self-assembly:

The test adapters offer a flexible solution for every task - they can be connected by threading them together in accordance with the application to be fulfilled.

Note:

The start plate can only be combined with one size of expansion plate.

Structure of the test adapter system



Test adapter

The ATPG test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pole
	3-pole
	5-pole
Note	

ATPG 1.5-10

Start plate



Width / Length / Height	mm	3.5 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 1.5-10 L	50	1991890000
Note		

ATPG 1.5 MI-R

Middle plate or end plate



Width / Length / Height	mm	3.5 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 1.5 MI-R	50	1991880000
Note		

ATPG 2.5 MI-R

Middle plate or end plate



Width / Length / Height	mm	5.1 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 2.5 MI-R	50	1991960000
ATPG 2.5/3	25	2041190000
ATPG 2.5/5	25	2041180000
Note		

Test adapter

The ATPG test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pole
	3-pole
	5-pole
Note	

ATPG 4 MI-R-10

Middle plate or end plate



Width / Length / Height	mm	6.1 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 4 MI-R	50	1991860000
Note		

ATPG 6 MI-R

Middle plate or end plate



Width / Length / Height	mm	7.9 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 6 MI-R	50	1991930000
Note		

ATPG 10 MI-R

Middle plate or end plate



Width / Length / Height	mm	9.9 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 10 MI-R	50	1991870000
Note		



AAM 1.5 YE FLASH



Dimensions	
Width / Height / Depth	mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2
Ordering data	
	yellow
Note	

Dimensions			
2,5 / 52,67 / 36,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 1.5 YE FLASH	40	2635520000	

AAM 2.5 YE FLASH



Dimensions			
2,5 / 75,51 / 45,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 2.5 YE FLASH	40	2635550000	

AAM 4 YE FLASH



Dimensions			
2,5 / 52,67 / 36,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 4 YE FLASH	40	2635560000	

AAM 6 YE FLASH



Dimensions	
Width / Height / Depth	mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2
Ordering data	
	yellow
Note	

Dimensions			
2,5 / 75,51 / 45,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 6 YE FASH	40	2635570000	

AAM 10 YE FLASH

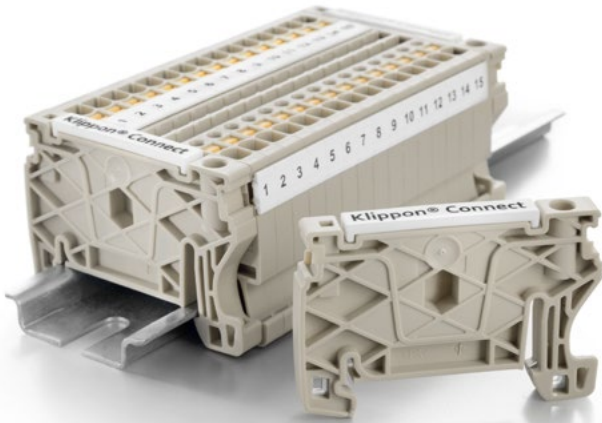


Dimensions			
2,5 / 52,67 / 36,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 10 YE FLASH	40	2635580000	

AAM 16 YE FLASH



Dimensions			
2,5 / 75,51 / 45,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 16 YE FLASH	40	2635590000	



End bracket

AEB 35 SCL/1 VO ...

AEB 35 SCL/1 VO ... DL



Dimensions

Continuous operating temp., min.
Continuous operating temp., max.
Material
UL 94 flammability rating

Ordering data

dark beige
light grey
black

Note

Continuous operating temp., min.	-40 °C		
Continuous operating temp., max.	100 °C		
Material	polyamide		
UL 94 flammability rating	V-0		
Ordering data	Type	Qty.	Order No.
	AEB 35 SCL/1 VO	50	2661280000
	AEB 35 SCL/1 VO GY	50	2661290000
	AEB 35 SCL/1 VO BK	50	2661300000

Continuous operating temp., min.	-40 °C		
Continuous operating temp., max.	100 °C		
Material	Polyamid		
UL 94 flammability rating	V-0		
Ordering data	Type	Qty.	Order No.
	AEB 35 SCL/1 VO DL	50	2570240000
	AEB 35 SCL/1 VO GY DL	50	2570260000
	AEB 35 SCL/1 VO BK DL	50	2570250000

SnapMark- Marker for multi-tier terminals

SNAPMARK 1

SNAPMARK 1.5



Dimensions

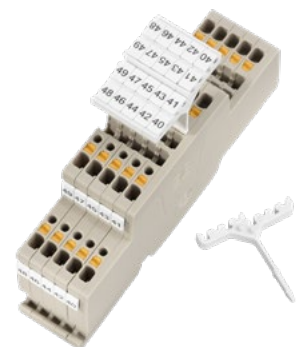
width / height / depth mm
Continuous operating temperature, min.
Continuous service temperature, max.
Material
Flammability class according to UL 94

Ordering data

Note

width / height / depth	3.5 / 6.2 / 4.8		
Continuous operating temperature, min.	-40 °C		
Continuous service temperature, max.	100 °C		
Material	polyamide		
Flammability class according to UL 94	V-2		
Ordering data	Type	Qty.	Order No.
	SNAPMARK I	50	1805880000

width / height / depth	5.1 / 8 / 5.8		
Continuous operating temperature, min.	-40 °C		
Continuous service temperature, max.	100 °C		
Material	polyamide		
Flammability class according to UL 94	V-2		
Ordering data	Type	Qty.	Order No.
	SNAPMARK I.5	40	2682080000

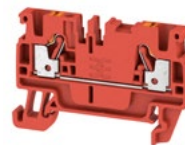
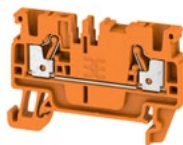
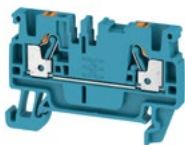


Spring connection with PUSH IN technology (A-Series)

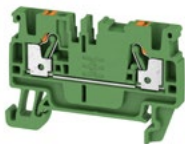
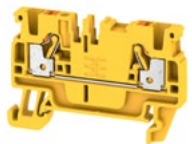
Overview

Universal range

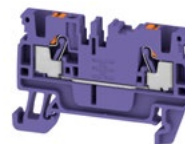
A



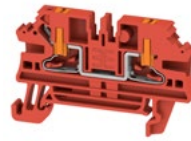
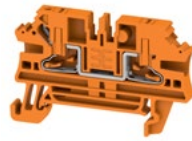
Type	Order No. beige	Order No. blue BL	Order No. orange OR	Order No. red RD
1.5 mm ²	A2C	1552790000	1552820000	2508020000
	A3C	1552740000	1552770000	2534500000
	A4C	1552690000	1552700000	2534430000
2.5 mm ²	A2C	1521850000	1521880000	1521900000
	A3C	1521740000	1521780000	1521800000
	A4C	1521690000	1521700000	1521710000
4 mm ²	A2C	2051180000	2051210000	2051220000
	A3C	2051240000	2051280000	2051300000
	A4C	2051500000	2051520000	2051530000
6 mm ²	A2C	1992110000	1991790000	-
	A3C	1991820000	1991830000	-



Type	Order No. yellow YL	Order No. green GN	Order No. white WT	Order No. black BK
1.5 mm ²	A2C	2508190000	2508210000	2508170000
	A3C	2534520000	2534480000	2534230000
	A4C	2534450000	2534410000	2534260000
2.5 mm ²	A2C	1521940000	1521950000	1521980000
	A3C	1521840000	1521870000	1521920000
	A4C	1521730000	1521770000	1521820000
4 mm ²	A2C	2051250000	2051260000	2051310000
	A3C	2051340000	2051350000	2051400000
	A4C	2051550000	2051580000	2051660000
6 mm ²	A2C	-	-	-
	A3C	-	-	-



Type	Order No. light grey LTGY	Order No. dark blue DBL	Order No. brown BR	Order No. violet VT
1.5 mm ²	A2C	2508220000	2508180000	-
	A3C	2534490000	2534540000	-
	A4C	2534420000	2534470000	-
2.5 mm ²	A2C	2003110000	2508000000	2876640000
	A3C	2003120000	2534690000	-
	A4C	2003130000	2534740000	-
4 mm ²	A2C	2051330000	2534380000	-
	A3C	2051460000	2534360000	-
	A4C	2051670000	2534400000	-
6 mm ²	A2C	-	-	-
	A3C	-	-	-



Type	
2.5 mm ²	AL2C
	AL3C
	AL4C
4 mm ²	AL2C
	AL3C
	AL4C

Order No. beige	
	2847200000
	2847330000
	2847460000
	2847710000
	2847720000
	2847730000

Order No. blue BL	
	2847210000
	2847340000
	2847470000
	2871870000
	2871990000
	2872110000

Order No. orange OR	
	2847240000
	2847370000
	2847500000
	2871900000
	2872020000
	2872140000

Order No. red RD	
	2847230000
	2847360000
	2847490000
	2871890000
	2872010000
	2872130000



Type	
2.5 mm ²	AL2C
	AL3C
	AL4C
4 mm ²	AL2C
	AL3C
	AL4C

Order No. yellow YL	
	2847290000
	2847420000
	2847550000
	2871950000
	2872070000
	2872190000

Order No. green GN	
	2847250000
	2847380000
	2847510000
	2871910000
	2872030000
	2872150000

Order No. white WT	
	2847280000
	2847410000
	2847540000
	2871940000
	2872060000
	2872180000

Order No. black BK	
	2847270000
	2847400000
	2847530000
	2871930000
	2872050000
	2872170000



Type	
2.5 mm ²	AL2C
	AL3C
	AL4C
4 mm ²	AL2C
	AL3C
	AL4C

Order No. light grey LTGY	
	2847300000
	2847430000
	2847560000
	2871960000
	2872080000
	2872200000

Order No. dark blue DBL	
	2847220000
	2847350000
	2847480000
	2871880000
	2872000000
	2872120000

Order No. brown BR	
	2847310000
	2847440000
	2847570000
	2871970000
	2872090000
	2872210000

Order No. violet VT	
	2847260000
	2847390000
	2847520000
	2871920000
	2872040000
	2872160000

Flexible in wiring, vibration-resistant in operation

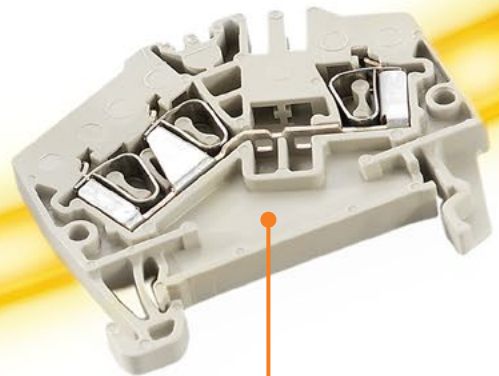
Klippon® Connect with proven tension clamp technology

Whether in machine construction, the automotive industry or railway and shipping: wherever there is a requirement for a particularly vibration-resistant contact, tension clamp technology proves extremely reliable. At the same time, our terminal blocks with proven tension clamp technology are perfect for compact yet manageable panel construction. The wide range with numerous additional functions and pluggable terminal blocks (WeiCoS), the wide clamping range and up to two cross-connection channels make the Z-Series perfectly adaptable to all requirements. Pluggable standard cross-connections enable flexible potential distribution.



Our promise

Klippon® Connect helps you reliably achieve a range of applications. Our terminal blocks with tension clamp technology are impressively compact and flexible. They contribute to highly efficient panel construction and improved productivity.



Flexibility

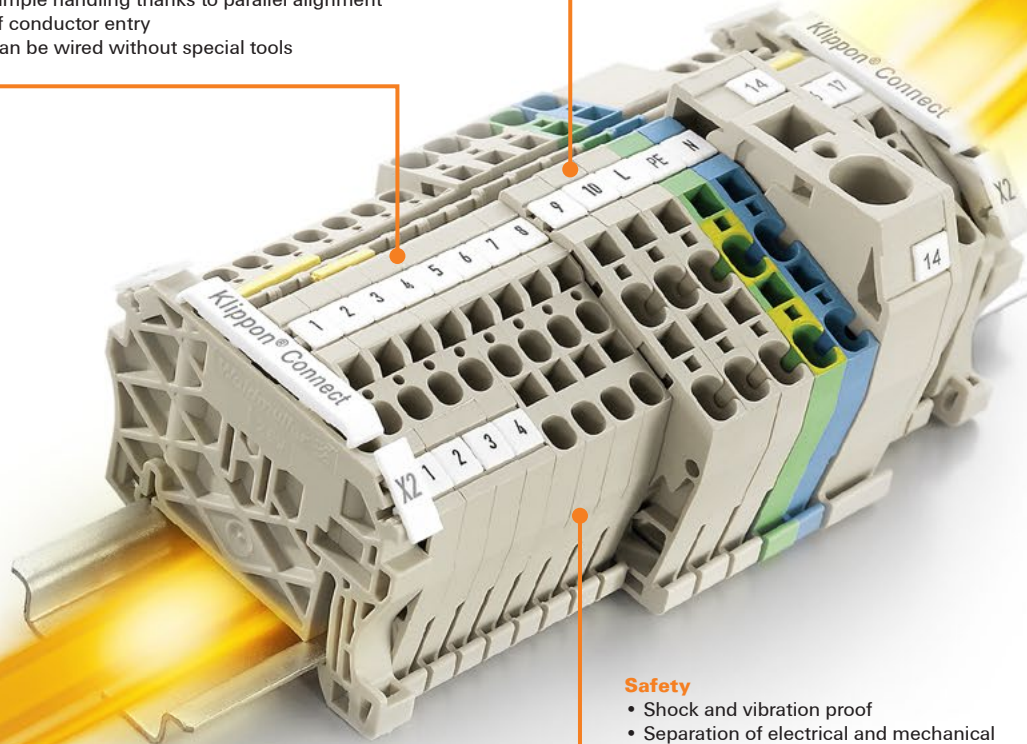
- Pluggable standard cross-connections for flexible potential distribution
- Secure interlocking of all plug-in connectors (WeiCoS)

Time saving

- Integrated test point
- Simple handling thanks to parallel alignment of conductor entry
- Can be wired without special tools

Space saving

- Compact design
- Length reduced by up to 36 percent in roof style

**Safety**

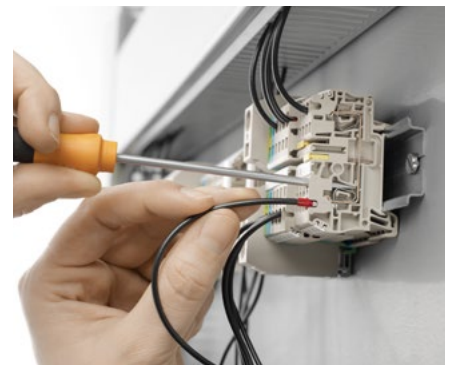
- Shock and vibration proof
- Separation of electrical and mechanical functions
- No-maintenance connection for a safe, gas-tight contacting
- The tension clamp is made of steel with an externally-sprung contact for optimum contact force
- Current bar made of copper for low voltage drops

Overview**Exceptionally practical:**

The Z-Series has an impressive, practical design and comes in two variants: standard and roof. Our standard models cover wire cross-sections from 0.05 to 35 mm². Terminal blocks for wire cross-sections from 0.13 to 16 mm² are available as roof variants. The striking shape of the roof style gives a reduction in length of up to 36 percent compared to standard terminal blocks.

Simple and clear:

Despite their compact width of just 5 mm (2 connections) or 10 mm (4 connections), our block terminals guarantee absolute clarity and ease of handling thanks to the top-entry conductor feeds. This means the wiring is clear even in terminal boxes with restricted space.



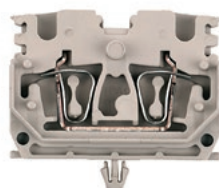
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDUB 2.5-2/2AN/RC

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 33.5 x 29
30 / 4
0.13...4

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
Central terminals	
	dark beige
	Blue
	yellow
Note	

Accessories

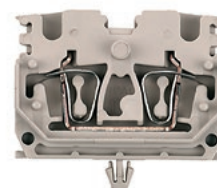
Plug-in cross-connection	
	2-pole
End plate / Partition plate	
	dark beige
	Blue
	orange
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDUB 2.5-2/4AN/RC

2.5 mm²

Four connections



10.2 x 33.5 x 29
30 / 4
0.13...4

IEC 60947-7-1				Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	20	25	21	24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5 mm ²	2.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3				8 kV / 3			
A2 / V-0				A2 / V-0			
				DEMKO16ATEX1808U			
Rated connection							
0.5...4							
0.5...2.5 / 0.5...1.5							
10 / 0.6 x 3.5 mm							
Note							
Snap-on clip							

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/RC	100	1712970000
ZDUB 2.5-2/4AN/RC BL	100	1712980000
ZDUB 2.5-2/4AN/RC GE	100	1713000000
Note		
Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm.		

Type	Qty.	Order No.
ZQB 2.5-2	24 A	1677120000
ZAP ZDUB	50	1704750000
ZAP ZDUB BL	50	1704760000
ZAP ZDUB OR	50	1704770000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue

ZDUB 2.5-2/2AN/DM

2.5 mm²

Two connections



ZDUB 2.5-2/4AN/DM

2.5 mm²

Four connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 33.5 x 24
30 / 4
0.13...4

10.2 x 33.5 x 24
30 / 4
0.13...4

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1808U			
Rated connection			
0.5...4			
0.5...2.5			
10 / 0.6 x 3.5 mm			
Direct mounting			

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1808U			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
Direct mounting			

Ordering data

Version	
End terminals	
	dark beige
	Blue
	yellow
Central terminals	
	dark beige
	Blue
	yellow
	orange
Note	

Type	Qty.	Order No.
ZDUB 2.5-2/2AN/DB	100	1704500000
ZDUB 2.5-2/2AN/DB GE	100	1704530000
ZDUB 2.5-2/2AN/DM	100	1704350000
ZDUB 2.5-2/2AN/DM BL	100	1704360000
ZDUB 2.5-2/2AN/DM GE	100	1704380000
ZDUB 2.5-2/2AN/DM OR	100	1704370000

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/DB	100	1704690000
ZDUB 2.5-2/4AN/DB BL	100	1704700000
ZDUB 2.5-2/4AN/DB GE	100	1704720000
ZDUB 2.5-2/4AN/DM	100	1704540000
ZDUB 2.5-2/4AN/DM BL	100	1704550000
ZDUB 2.5-2/4AN/DM GE	100	1704570000
ZDUB 2.5-2/4AN/DM OR	100	1704560000

Accessories

Plug-in cross-connection	2-pole
End plate / Partition plate	dark beige
	Blue
	orange
Mounting blocks	dark beige
Screwdriver	Standard
Mounting foot for TS15 & TS35	dark beige
Marking tags	

Type	Qty.	Order No.
ZQB 2.5-2	24 A 50	1677120000
ZAP ZDUB	50	1704750000
ZAP ZDUB BL	50	1704760000
ZAP ZDUB OR	50	1704770000
ZBB ZDUB	50	1704740000
SDIS SLIM 0.6X3.5X100	1	2749610000
MOFU 15/35 ZDUB	50	1723660000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Type	Qty.	Order No.
ZQB 2.5-2	24 A 50	1677120000
ZAP ZDUB	50	1704750000
ZAP ZDUB BL	50	1704760000
ZAP ZDUB OR	50	1704770000
ZBB ZDUB	50	1704740000
SDIS SLIM 0.6X3.5X100	1	2749610000
MOFU 15/35 ZDUB	50	1723660000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

Universal range

A

ZDUB 2.5-2/2AN/TS15

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 33.5 x 31
30 / 4
0.13...4

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5 mm ²

8 kV / 3
A2 / V-0

Ex eb II C Gb II 2 G D

DEMKO16ATEX1808U

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

TS 15 - block construction

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
ZDUB 2.5-2/2AN/15	100	1712750000
ZDUB 2.5-2/2AN/15 BL	100	1712760000
ZDUB 2.5-2/2AN/15 OR	100	1712770000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
End plate / Partition plate	
	dark beige
	Blue
	orange
End bracket	
	beige
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQB 2.5-2	24 A 50	1677120000
ZAP ZDUB	50	1704750000
ZAP ZDUB BL	50	1704760000
ZAP ZDUB OR	50	1704770000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDUB 2.5-2/4AN/TS15

2.5 mm²

Four connections



10.2 x 33.5 x 31
30 / 4
0.13...4

IEC 60947-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5 mm ²

8 kV / 3
A2 / V-0

Ex eb II C Gb II 2 G D

DEMKO16ATEX1808U

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

TS 15 - block construction

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/15	100	1712780000
ZDUB 2.5-2/4AN/15 BL	100	1712790000
ZDUB 2.5-2/4AN/15 OR	100	1712800000

Type	Qty.	Order No.
ZQB 2.5-2	24 A 50	1677120000
ZAP ZDUB	50	1704750000
ZAP ZDUB BL	50	1704760000
ZAP ZDUB OR	50	1704770000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

ZDUA 2.5-2

2.5 mm²

Two connections



5.1 x 35 x 30
30 / 4
0.13...4



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	352
24		20	20
2.5		AWG 26...12	4 mm ²
6 kV / 3			
A2 / V-0			

DEMKO16ATEX1808U

Rated connection

0.5...4 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

TS 15 - sliced construction

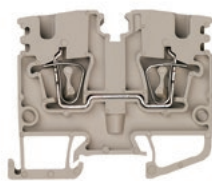
Type	Qty.	Order No.
ZDUA 2.5-2	100	1720920000
ZDUA 2.5-2 BL	100	1720930000
ZDUA 2.5-2 OR	100	1720940000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZAP/TW ZDUA	50	1720960000
ZAP/TW ZDUA BL	50	1720970000
ZAP/TW ZDUA OR	50	1720980000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

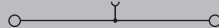
ZDUA 2.5-2N

2.5 mm²

Two connections



5.1 x 42.5 x 35
30 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	600
24	20	20	
2.5	AWG 26...12	AWG 26...12	
8 kV / 3			
A2 / V-0			

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Type	Qty.	Order No.
ZDUA 2.5-2N	100	1808200000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZAP/TW ZDUA2.5-2N	50	1808170000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000



Modular design

A

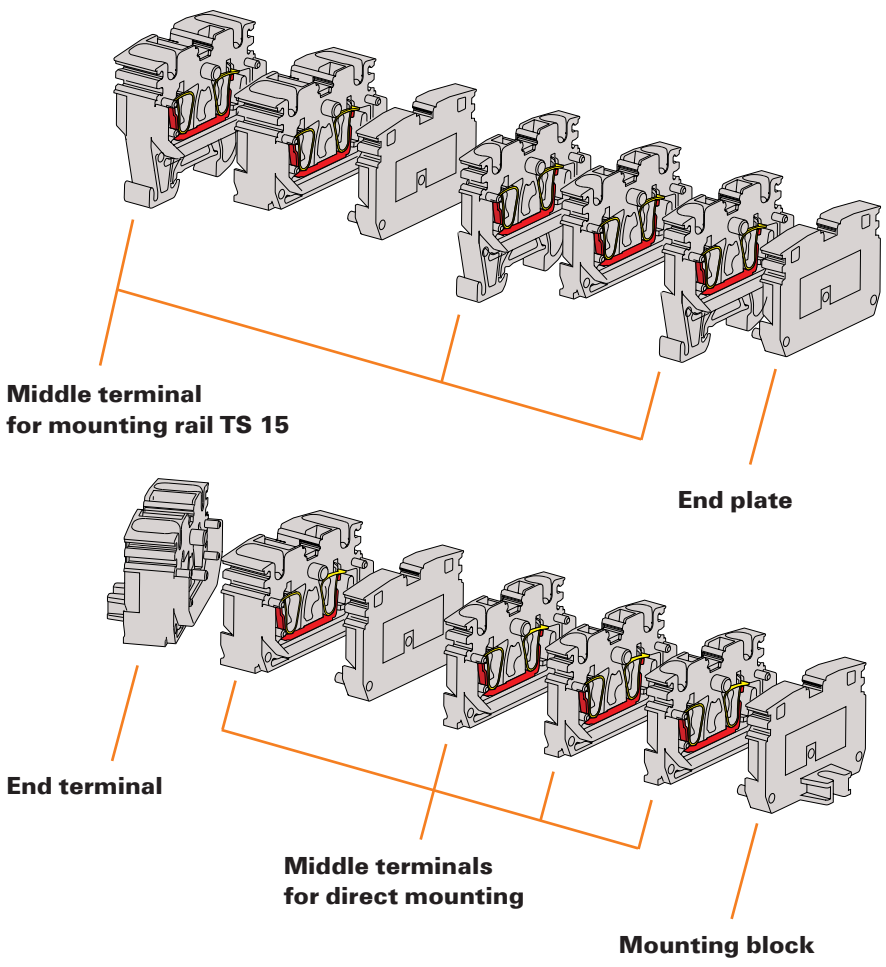
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

With a structural width of only 5 mm (2 connections) or 10 mm (4 connections), the TOP connection system guarantees clearly organised wiring of circuits, even in terminal boxes with restricted space.

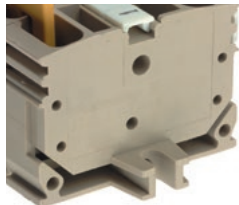
There are three different marking options for quick and clear identification of each terminal.

Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 flammability class to UL94.



Individual blocks are put together from **middle terminals** and an end plate for the open side. Screw fastening involves the first middle terminal and the **end plate** being replaced by end terminals for fastening purposes. With the other fastening variations, **middle terminals with means of fastening** are integrated within the block or a **mounting foot (MOFU)** is used for fitting to the mounting rail.

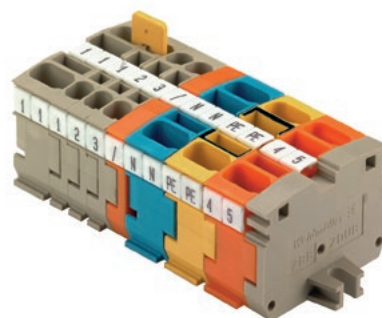
... with 4 different means of fastening



Direct mounting with screw fastening on mounting plate

The fastening terminals on the right and left of the terminal block are mounted using M3 screws. Central fastening is not possible in this case.

ZDUB 2.5-2 DM



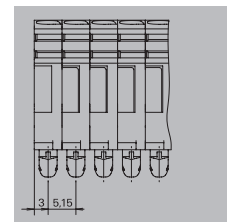
Clip-on fastening on mounting plates

The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes. The open side of the terminal is closed by an end plate.

ZDUB 2.5-2 RC



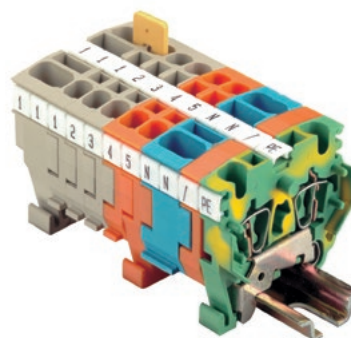
**Drilling plan:
ZDUB/2.5-2/2AN**



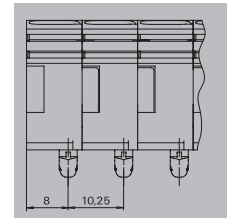
Fitting on mounting rail TS 15

For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.

ZPEB 2.5-2 TS 15



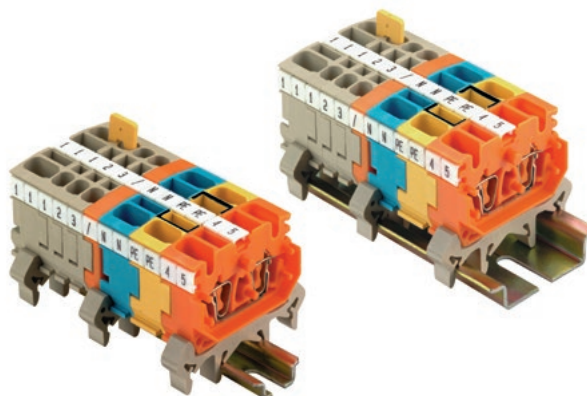
ZDUB 2.5-2/4AN



Mounting foot for mounting rail TS 15/35

The mounting foot can be used for clipping terminal blocks consisting only of middle terminals either to TS 15 or TS 35 mounting rails.

MOFU TS 15/35



Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

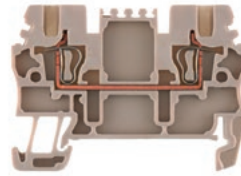
Universal range

A

ZDU 1.5

1.5 mm²

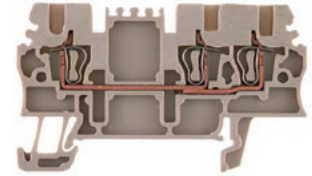
Two connections



ZDU 1.5/3 AN

1.5 mm²

Three connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 51.5 x 36.5	
17.5 / 1.5	
0.05...1.5	

3.5 x 63.5 x 36.5	
17.5 / 1.5	
0.05...1.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 Ex eb II C Gb

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	20	20	17
1.5	AWG 26...14		1.5 mm ²
6 kV / 3			
B1 / V-0			

Rated connection	
0.5...1.5	
0.5...1.5 / 0.5...1	
10 / 0.4 x 2.0 mm	

IEC 60947-7-1 Ex eb II C Gb

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	15	20	15
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
6 kV / 3			
B1 / V-0			

Rated connection	
0.5...1.5	
0.5...1.5 / 0.5...1	
10 / 0.4 x 2.0 mm	

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDU 1.5	100	1775480000
ZDU 1.5 BL	100	1775490000

Type	Qty.	Order No.
ZDU 1.5/3AN	100	1775530000
ZDU 1.5/3AN BL	100	1775540000

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 1.5/2	17.5 A 60	1776120000
ZQV 1.5/10	17.5 A 20	1776200000
ZAP/TW ZDU1.5/2AN	20	1776030000
ZAP/TW ZDU1.5/2AN BL	20	1776040000
ZEW 35	20	9540000000
SDS 0.4x2.0x60	1	2749260000
ZRH 1.5S/1	500	1781950000
ZAD 7/4	20	1781940000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

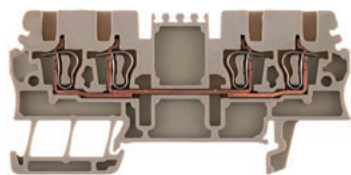
Type	Qty.	Order No.
ZQV 1.5/2	17.5 A 60	1776120000
ZQV 1.5/10	17.5 A 20	1776200000
ZAP/TW ZDU1.5/3AN	20	1776060000
ZAP/TW ZDU1.5/3AN BL	20	1776070000
ZEW 35	20	9540000000
SDS 0.4x2.0x60	1	2749260000
ZRH 1.5S/1	500	1781950000
ZAD 7/4	20	1781940000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

For detailed information on other accessories and application in the online catalogue

ZDU 1.5/4 AN

1.5 mm²

Four connections



3.5 x 75.5 x 36.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500		300	550
17.5		20	17
1.5		AWG 26...14	1.5 mm ²

6 kV / 3
B1 / V-0

DEMKO15ATEX1467U

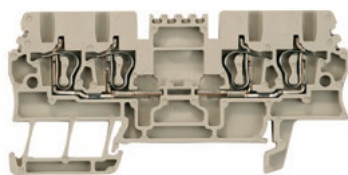
Rated connection

0.5...1.5
0.5...1.5 / 0.5...1
10 / 0.4 x 2.0 mm

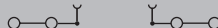
ZDU 1.5 2x2AN

1.5 mm²

2 x 2 connections



3.5 x 75.5 x 36.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			

6 kV / 3
B1 / V-0

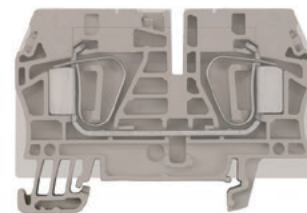
Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

ZEI 6

6 mm²

Supply terminal



10 x 65 x 45
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			

8 kV / 4
A5 / V-0

Rated connection

0.5...10
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZDU 1.5/4AN	100	1775580000
ZDU 1.5/4AN BL	100	1775600000

Type	Qty.	Order No.
ZDU 1.5/2X2AN	100	1826970000

Type	Qty.	Order No.
ZEI 6	20	1791190000

End plate is integrated.

Type	Qty.	Order No.
ZQV 1.5/2	17.5 A 60	1776120000
ZQV 1.5/10	17.5 A 20	1776200000
ZAP/TW ZDU1.5/4AN	20	1776090000
ZAP/TW ZDU1.5/4AN BL	20	1776100000
ZEW 35	20	9540000000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
ZAD 7/4	20	1781940000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

Type	Qty.	Order No.
ZQV 1.5/2	17.5 A 60	1776120000
ZQV 1.5/10	17.5 A 20	1776200000
ZAP/TW ZDU1.5/4AN	20	1776090000
ZAP/TW ZDU1.5/4AN BL	20	1776100000
ZEW 35	20	9540000000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
ZAD 7/4	20	1781940000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

Type	Qty.	Order No.
ZQV 1.5/2	17.5 A 60	1776120000
ZQV 1.5/10	17.5 A 20	1776200000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDIS SLIM 0.8X4.0X100	1	2749620000
ZAD 3/4	20	1609120000
WS 12/6 MC NE WS	600	1609900000



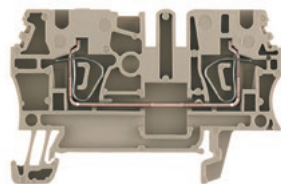
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDU 2.5

2.5 mm²

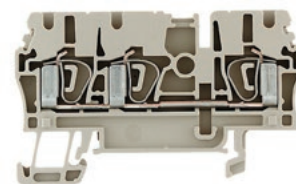
Two connections



ZDU 2.5/3AN

2.5 mm²

Three connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 59.3 x 38.5
30 / 4
0.05...4

5.1 x 64.5 x 38.5
31 / 4
0.05...4

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1				Ex eb II	C Gb	II 2 G D
A3 / V-0				DEMKO15ATEX1467U		
IEC	UL	CSA	EN 60079-7			
800		600	550			
24		27	22			
2.5		AWG 26...12	4 mm ²			
				8 kV / 3		
				A3 / V-0		
				DEMKO15ATEX1467U		
Rated connection						
0.5...4						
0.5...4 / 0.5...2.5						
10 / 0.6 x 3.5 mm						

IEC 60947-7-1				Ex eb II	C Gb	II 2 G D
A3 / V-0				DEMKO15ATEX1467U		
IEC	UL	CSA	EN 60079-7			
800		600	550			
24		27	22			
2.5		AWG 26...12	4 mm ²			
				8 kV / 3		
				A3 / V-0		
				DEMKO15ATEX1467U		
Rated connection						
0.5...4						
0.5...4 / 0.5...2.5						
10 / 0.6 x 3.5 mm						

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDU 2.5	100	1608510000
ZDU 2.5 BL	100	1608520000

Type	Qty.	Order No.
ZDU 2.5/3AN	100	1608540000
ZDU 2.5/3AN BL	100	1608550000

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 1	50	1608740000
ZAP/TW 1 BL	50	1608750000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZAD 1/4	20	1609110000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

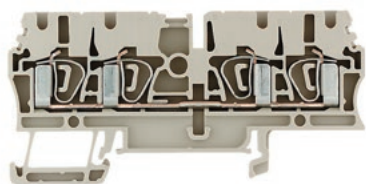
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 2 DB	50	1608770000
ZAP/TW 2 BL	50	1608780000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZAD 1/4	20	1609110000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDU 2.5/4AN

2.5 mm²

Four connections



5.1 x 79.5 x 38.5
27 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800		600	550
24		27	22
2.5		AWG 26...12	4 mm ²

8 kV / 3
A3 / V-0

DEMKO15ATEX1467U

Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

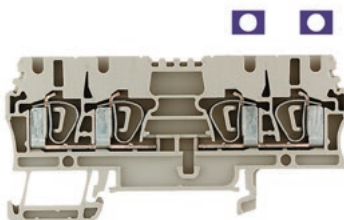
Type	Qty.	Order No.
ZDU 2.5/4AN	100	1608570000
ZDU 2.5/4AN BL	100	1608580000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 3	50	1608800000
ZAP/TW 3 BL	50	1608810000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZAD 1/4	20	1609110000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

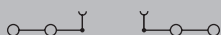
ZDU 2.5/2x2AN

2.5 mm²

Two potentials feasible



5.1 x 79.5 x 38.5
30 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800		600	550
24		27	21
2.5		AWG 26...12	4 mm ²

8 kV / 3
A3 / V-0

DEMKO15ATEX1567U

Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/2X2AN	100	1608600000
ZDU 2.5/2X2AN BL	100	1608610000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZAP/TW 3 BL	50	1608810000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZAD 1/4	20	1609110000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000



Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

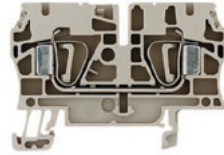
Universal range

A

ZDU 4

4 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 62.4 x 42.6
41 / 6
0.13...6

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

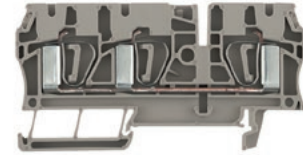
Plug-in cross-connection	
	2-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDU 4/3 AN

4 mm²

Three connections



6.1 x 83.5 x 43
41 / 6
0.13...6

IEC 60947-7-1 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	35	28
4	AWG 26...10	AWG 26...10	6 mm ²
8 kV / 3			
A4 / V-0			

DEMKO15ATEX1467U

Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

Approvals: **Ex eb II C Gb Ex** II 2 G D

Type	Qty.	Order No.
ZDU 4/3AN	50	7904180000
ZDU 4/3AN BL	50	7904190000

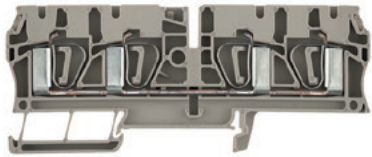
Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW 4/3AN	20	7904100000
ZAP/TW 4/3AN BL	20	7904110000
ZEW 35	20	9540000000
ZTA 2 ZDU4	9 A 25	1609060000
ZTA 2/ZA ZDU4	9 A 25	1609070000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
ZAD 2/4	20	1609080000
DEK 5/6 MC NE WS	1000	1609820000
WS 10/6 MC NE WS	600	1828450000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

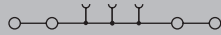
ZDU 4/4 AN

4 mm²

Four connections



6.1 x 104.5 x 43
41 / 6
0.13...6



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	35	28
4	AWG 26...10	AWG 26...10	6 mm ²

8 kV / 3
A4 / V-0

DEMKO15ATEX1467U

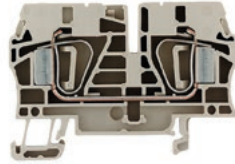
Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

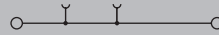
ZDU 6

6 mm²

Two connections



8.1 x 65 x 45
57 / 10
0.22...10



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	39
6	AWG 20...8	AWG 20...8	10 mm ²

8 kV / 3
A5 / V-0

DEMKO15ATEX1467U

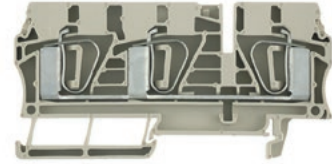
Rated connection

0.5...10
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

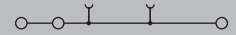
ZDU 6/3 AN

6 mm²

Three connections



8.1 x 90 x 45
57 / 10
0.22...10



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	39
6	AWG 22...8	AWG 20...8	10 mm ²

8 kV / 3
A5 / V-0

DEMKO15ATEX1467U

Rated connection

0.5...10
0.5...6 / 0.5...6
13 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZDU 4/4AN	50	7904290000
ZDU 4/4AN BL	50	7904300000

Type	Qty.	Order No.
ZDU 6	50	1608620000
ZDU 6 BL	50	1608630000

1000 V DC rated voltage tested.

Type	Qty.	Order No.
ZDU 6/3AN	50	7907410000
ZDU 6/3AN BL	50	7907420000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW4/4AN	20	7904210000
ZAP/TW4/4AN BL	20	7904220000
ZEW 35	20	9540000000
ZTA 2 ZDU4	9 A 25	1609060000
ZTA 2/ZA ZDU4	9 A 25	1609070000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
ZAD 2/4	20	1609080000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 5	50	1608830000
ZAP/TW 5 BL	50	1608840000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDS 1.0X5.5X150	1	2749380000
ZAD 3/4	20	1609120000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW6/3AN	20	7907370000
ZAP/TW6/3AN BL	20	7907380000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDS 1.0X5.5X150	1	2749380000
ZAD 3/4	20	1609120000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000



Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

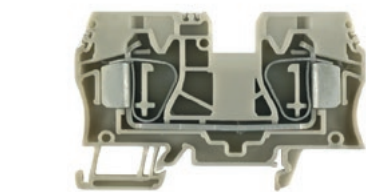
Universal range

A

ZDU 10

10 mm²

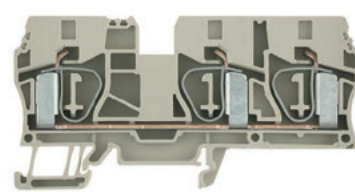
Two connections



ZDU 10/3AN

10 mm²

Three connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

10 x 73.5 x 49.5
72 / 16
1.31...16

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1				Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7				
1000		600	690				
57		55	51				
10		AWG 16...6	16 mm ²				
8 kV / 3							
A6 / V-0							
				DEMKO15ATEX1467U			
Rated connection							
1.5...16 / 1.5...16							
1.5...10 / 1.5...10							
18 / 1.0 x 5.5 mm							
Cross-connection of ZDU 10 and ZDU 16 is possible using the ZDV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZDV 35-10.							

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDU 10	25	1746750000
ZDU 10 BL	25	1746760000

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Test plug
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZDV 10/2	57 A 25	1739680000
End plate / Partition plate		
ZAP/TW ZDU10	20	1748660000
ZAP/TW ZDU10 BL	20	1764110000
End bracket		
ZEW 35	20	9540000000
Testing / Checking		
PS 2.3 RT	20 mA 20	0180400000
Screwdriver		
SDS 1.0X5.5X150	1	2749380000
Cover		
ZAD 4/5	20	1746730000
Marking tags		
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

10 x 99 x 49.5
57 / 16
1.31...16

IEC 60947-7-1				Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	690				
57	60	55	51				
10	AWG 16...6	AWG 16...6	16 mm ²				
8 kV / 3							
A6 / V-0							
				DEMKO15ATEX1467U			
Rated connection							
1.5...16 / 1.5...16							
1.5...10 / 1.5...10							
18 / 1.0 x 5.5 mm							
Cross-connection of ZDU 10 and ZDU 16 is possible using the ZDV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZDV 35-10.							

Type	Qty.	Order No.
ZDU 10/3AN	20	1767690000
ZDU 10/3AN BL	20	1767700000

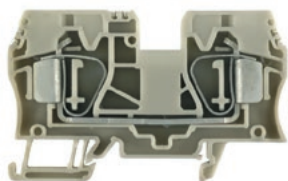
Type	Qty.	Order No.
ZDV 10/2	57 A 25	1739680000
End plate / Partition plate		
ZAP/TW 10/16	20	1749580000
ZAP/TW 10/16 BL	20	1768520000
End bracket		
ZEW 35	20	9540000000
Testing / Checking		
PS 2.3 RT	20 mA 20	0180400000
Screwdriver		
SDS 1.0X5.5X150	1	2749380000
Cover		
ZAD 4/5	20	1746730000
Marking tags		
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue

ZDU 16

16 mm²

Two connections



12 x 82.5 x 50.5
98 / 25
1.5...25



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000		600	690
76		65	68
16		AWG 14...4	25 mm ²

8 kV / 3
A7 / V-0

DEMKO15ATEX1467U

Rated connection

1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Cross-connection of ZDU 16 and ZDU 35 is possible using the ZDV 35-16. Cross-connection of ZDU 10 and ZDU 16 is possible using the ZDV 16-10.

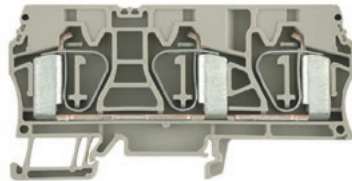
Type	Qty.	Order No.
ZDU 16	25	1745230000
ZDU 16 BL	25	1745240000

Type	Qty.	Order No.
ZQV 16/2	76 A 25	1739690000
ZAP/TW ZDU16	20	1745150000
ZAP/TW ZDU16 BL	20	1764100000
ZEW 35	20	9540000000
PS 2.3 RT	20 mA 20	0180400000
SDS 1.0X5.5X150	1	2749380000
ZAD 5/5	20	1745210000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

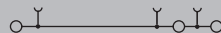
ZDU 16/3 AN

16 mm²

Three connections



12.1 x 99 x 50.5
76 / 25
1.5...25



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
76	65	65	66
16	AWG 14...4	AWG 14...4	25 mm ²

8 kV / 3
A7 / V-0

DEMKO15ATEX1467U

Rated connection

1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

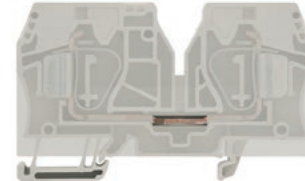
Type	Qty.	Order No.
ZDU 16/3AN	20	1768320000
ZDU 16/3AN BL	20	1768330000

Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZAP/TW 10/16 BL	20	1768520000
ZEW 35	20	9540000000
PS 2.3 RT	20 mA 20	0180400000
SDS 1.0X5.5X150	1	2749380000
ZAD 5/5	20	1745210000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

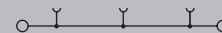
ZEI 16

16 mm²

Supply terminal



14.7 x 82.5 x 50.5
76 / 25
1.5...25



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
76	65	65	
16	AWG 14...4	AWG 14...4	

8 kV / 3
A7 / V-0

DEMKO15ATEX1467U

Rated connection

1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZEI 16	20	1745350000
ZEI 16 BL	20	1766240000

Integrated end plate.

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 6/4 GE	41 A 60	1627870000
ZEW 35	20	9540000000
PS 2.3 RT	20 mA 20	0180400000
SDS 1.0X5.5X150	1	2749380000
ZAD 5/5	20	1745210000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000



Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

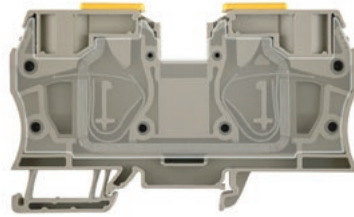
Universal range

A

ZDU 35

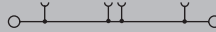
35 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16 x 100.5 x 58.5
125 / 35
2.5...35



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800		600	690
125		120	110
35		AWG 12...2	35 mm ²

8 kV / 3
A8 / V-0

DEMKO15ATEX1467U

Rated connection	
2.5...16 / 2.5...35	
2.5...35 / 2.5...35	
25 / 1.0 x 5.5 mm	

Cross-connection of ZDU 10 and ZDU 35 is possible using the ZDV 35-10. Cross-connection of ZDU 16 and ZDU 35 is possible using the ZDV 35-16.

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDU 35	10	1739620000
ZDU 35 BL	10	1739630000

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Test plug
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZDV 35/2	125 A 10	1739700000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
ZAD 6/5	20	1752620000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

ZDU 2.5-2

2.5 mm²

Two connections



ZDU 2.5-2/3AN

2.5 mm²

Three connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 43
24 / 2.5
0.13...2.5

5.1 x 50.5 x 43
24 / 2.5
0.13...2.5

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	24	24	21
2.5	AWG 26...12	AWG 26...12	4 mm ²

8 kV / 3
A2 / V-0

DEMKO16ATEX1808U

Rated connection	
0.5...2.5 / 2.5...0.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	24	23	21
2.5	AWG 26...14	AWG 26...14	4 mm ²

8 kV / 3
A2 / V-0

DEMKO16ATEX1808U

Rated connection	
0.5...2.5 / 2.5...0.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDU 2.5-2	100	1772060000
ZDU 2.5-2 BL	100	1772070000

Type	Qty.	Order No.
ZDU 2.5-2/3AN	100	1706010000
ZDU 2.5-2/3AN BL	100	1706040000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZAP/TW7 BL	50	1706120000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
DEK 5/5 MC SDR	200	1609810000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZAP/TW7 BL	50	1706120000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
DEK 5/5 MC SDR	200	1609810000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDU 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 43
24 / 2.5
0.13...2.5

IEC 60947-7-1 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	23	21
2.5	AWG 26...12	AWG 26...14	4 mm ²

8 kV / 3
A2 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...2.5 / 2.5...0.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5-2/4AN	100	1706060000
ZDU 2.5-2/4AN BL	100	1706070000

Type	Qty.	Order No.
ZQB 2.5-2	24 A 50	1677120000

ZAP/TW7	50	1706110000
ZAP/TW7 BL	50	1706120000

ZEW 35	20	9540000000
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ZTA 4	11 A 25	1688110000
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SDIS SLIM 0.6X3.5X100	1	2749610000
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ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

ZAD 1/4-2 GE	20	1764560000
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DEK 5/5 MC SDR	200	1609810000
WS 8/5 MM WS	800	2007150000

ZDU 4-2

4 mm²

Two connections



6.1 x 61.5 x 45.5
32 / 6
0.13...6

IEC 60947-7-1 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	440
32	33	35	29
4	AWG 26...10	AWG 26...10	6 mm ²

8 kV / 3
A3 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4-2/2AN	50	1770370000
ZDU 4-2/2AN BL	50	1770840000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000

ZAP ZDU4-2	50	1770400000
ZAP ZDU4-2 BL	50	1770880000

ZEW 35	20	9540000000
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ZTA 6/ZA	17.5 A 25	1780660000
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SDIS SLIM 0.6X3.5X100	1	2749610000
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ZAD 1/4	20	1609110000
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WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 MC NE WS	1000	1609820000

ZDU 4-2/3AN

4 mm²

Three connections



6.1 x 61.5 x 45.5
38 / 6
0.13...6

IEC 60947-7-1 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	440
32	33	35	29
4	AWG 26...10	AWG 26...10	6 mm ²

8 kV / 3
A3 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4-2/3AN	50	1770360000
ZDU 4-2/3AN BL	50	1770860000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000

ZAP ZDU4-2	50	1770400000
ZAP ZDU4-2 BL	50	1770880000

ZEW 35	20	9540000000
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ZTA 6/ZA	17.5 A 25	1780660000
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SDIS SLIM 0.6X3.5X100	1	2749610000
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ZAD 1/4	20	1609110000
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WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000



**Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks**

Universal range

A

ZDU 4-2/3AN LSC

4 mm²

Three connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 61.5 x 45.5	
38 / 6	
0.13...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A3 / V-0		
CE UK CA			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDU 4-2/3AN LSC	50	1790520000
ZDU 4-2/3AN LSC BL	50	1804880000

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP ZDU4-2	50	1770400000
ZAP ZDU4-2 BL	50	1770880000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

ZDU 4-2/4AN

4 mm²

Four connections



6.1 x 75.1 x 45.5	
32 / 6	
0.13...6	

IEC 60947-7-1				Ex eb II C Gb
IEC	UL	CSA	EN 60079-7	
800	600	600	440	
32	33	35	29	
4	AWG 26...10	AWG 26...10	6 mm ²	
	8 kV / 3			
	A3 / V-0			
CE UK CA				
Rated connection				
0.5...6				
0.5...4 / 0.5...4				
10 / 0.6 x 3.5 mm				

Type	Qty.	Order No.
ZDU 4-2/4AN	50	1806980000
ZDU 4-2/4AN BL	50	1806990000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP ZDU4-2/4AN	50	1807010000
ZAP ZDU4-2/4AN BL	50	1807020000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

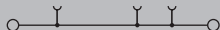
ZDU 6-2/2AN

6 mm²

Two connections



8.1 x 68 x 49.5
41 / 10
0.22...10



Ex eb II
C Gb **Ex** II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	38
6	AWG 22...8	AWG 20...8	10 mm ²

8 kV / 3

A5 / V-0

CE **UL** **UK** **CSA** **Ex** **II 2 G D**

DEMKO16ATEX1808U

Rated connection

0.5...10

0.5...10 / 0.5...6

12 / 0.8 x 4.0 mm

Type	Qty.	Order No.
ZDU 6-2/2AN	50	1771380000
ZDU 6-2/2AN BL	50	1771390000

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS SLIM 0.8X4.0X100	1	2749620000
ZAD 2/4	20	1609080000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

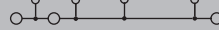
ZDU 6-2/3AN

6 mm²

Three connections



8.1 x 68 x 49.5
41 / 10
0.22...10



Ex eb II
C Gb **Ex** II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	38
6	AWG 22...8	AWG 20...8	10 mm ²

8 kV / 3

A5 / V-0

CE **UL** **UK** **CSA** **Ex** **II 2 G D**

DEMKO16ATEX1808U

Rated connection

0.5...10

0.5...10 / 0.5...6

12 / 0.8 x 4.0 mm

Type	Qty.	Order No.
ZDU 6-2/3AN	50	1771410000
ZDU 6-2/3AN BL	50	1771420000

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS SLIM 0.8X4.0X100	1	2749620000
ZAD 2/4	20	1609080000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

ZEI 16-2/1AN

16 mm²

Supply terminal



14 x 61.5 x 50.5
76 / 25
1.5...25



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
76	65	65	
16	AWG 14...4	AWG 14...4	

6 kV / 3

A7 / V-0

CE **UL** **UK** **CSA**

Rated connection

1.5...10 / 16...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZEI 16-2/1AN	20	1772940000
ZEI 16-2/1AN BL	20	1772950000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZAP/Z...16-2/1AN	10	1772970000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000



Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

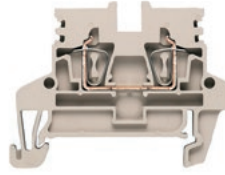
Universal range

A

ZDU 2.5N

2.5 mm²

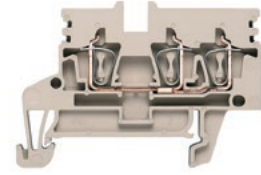
Two connections



ZDU 2.5N/3AN

2.5 mm²

Three connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 38.5
24 / 4
0.05...4

5.1 x 56.5 x 38.5
24 / 4
0.05...4

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	
24	20	24	
2.5	AWG 30...12	AWG 30...12	
6 kV / 3			
A2 / V-0			

Rated connection	
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	
24	20	24	
2.5	AWG 30...12	AWG 30...12	
6 kV / 3			
A2 / V-0			

Rated connection	
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDU 2.5N	50	1933700000
ZDU 2.5N BL	50	1933710000

Type	Qty.	Order No.
ZDU 2.5N/3AN	50	1933720000
ZDU 2.5N/3AN BL	50	1933730000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDU/ZPE 2.5N	20	1933790000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000

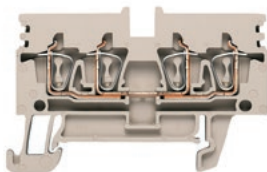
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDU/ZPE 2.5N/3AN	50	1933800000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

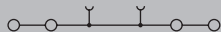
ZDU 2.5N/4AN

2.5 mm²

Four connections



5.1 x 60 x 38.5
24 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	
24	20	24	
2.5	AWG 30...12	AWG 30...12	
6 kV / 3			
A2 / V-0			



Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5N/4AN	50	1933740000
ZDU 2.5N/4AN BL	50	1933750000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDU/ZPE 2.5N/4AN	50	1933810000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000



Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

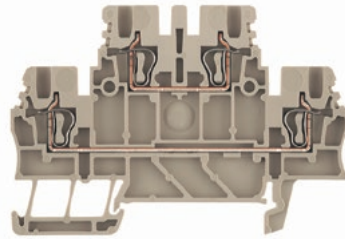
Universal range

A

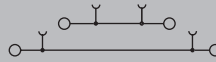
ZDK 1.5

1.5 mm²

Double-level terminal



3.5 x 75.5 x 49.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	600	
17.5	10	10	
1.5	AWG 28...16	AWG 28...16	
6 kV / 3			
B1 / V-0			



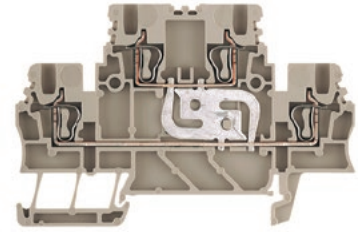
Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

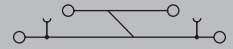
ZDK 1.5V

1.5 mm²

Vertically cross-connected double-level terminal



3.5 x 75.5 x 49.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	600	
17.5	10	10	
1.5	AWG 28...16	AWG 28...16	
6 kV / 3			
B1 / V-0			



Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Marking tags	
Cover	
	With lightning flash symbol

Type	Qty.	Order No.
ZDK 1.5	100	1791100000
ZDK 1.5 BL	100	1791110000

Type	Qty.	Order No.	
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDK1.5	20	1791160000	
ZAP/TW ZDK1.5 BL	20	1791170000	
ZEW 35	20	9540000000	
SDS 0.4X2.0X60	1	2749260000	
ZRH 1.5S/1	500	1781950000	
DEK 5/3.5 MC NE WS	500	1755270000	
DEK 5/3.5 MM WS	1000	2007100000	
ZAD 7/4	20	1781940000	

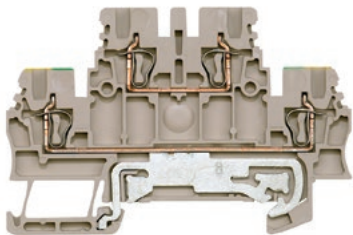
Type	Qty.	Order No.
ZDK 1.5V	100	1791130000
ZDK 1.5V BL	50	1791140000

Type	Qty.	Order No.	
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDK1.5	20	1791160000	
ZAP/TW ZDK1.5 BL	20	1791170000	
ZEW 35	20	9540000000	
SDS 0.4X2.0X60	1	2749260000	
ZRH 1.5S/1	500	1781950000	
DEK 5/3.5 MC NE WS	500	1755270000	
DEK 5/3.5 MM WS	1000	2007100000	
ZAD 7/4	20	1781940000	

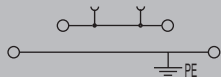
For detailed information on other accessories and application in the online catalogue

ZDK 1.5 DU-PE

Double-level terminal (DU-PE)



x x
17.5 /



IEC	UL	CSA	EN 60079-7
500	300		
17.5	10		
	AWG 28...16	AWG 28...16	
	6 kV /		

CE cRU UK
Rated connection

Type	Qty.	Order No.
ZDK 1.5DU-PE	100	1791120000

Type	Qty.	Order No.	
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDK1.5	20	1791160000	
ZAP/TW ZDK1.5 BL	20	1791170000	
ZEW 35	20	9540000000	
SDS 0.4X2.0X60	1	2749260000	
ZRH 1.5S/1	500	1781950000	
DEK 5/3.5 MC NE WS	500	1755270000	
DEK 5/3.5 MM WS	1000	2007100000	
ZAD 7/4	20	1781940000	



Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

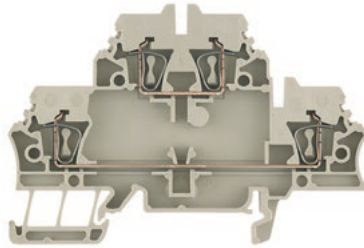
Universal range

A

ZDK 2.5

2.5 mm²

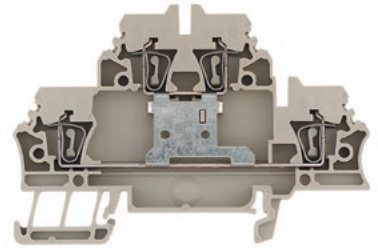
Double-level terminal



ZDK 2.5 V

2.5 mm²

Vertically cross-connected double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 79.5 x 53	
20 / 2.5	
0.05...2.5	

5.1 x 79.5 x 53	
20 / 2.5	
0.05...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300		440
20	15		20
2.5	AWG 26...14	AWG 26...12	2.5 mm ²
6 kV / 3			
A2 / V-0			
DEMKO16ATEX1729U			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300		440
20	15		20
2.5	AWG 26...14	AWG 26...12	2.5 mm ²
6 kV / 3			
A2 / V-0			
DEMKO16ATEX1729U			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDK 2.5	50	1674300000
ZDK 2.5 BL	50	1678630000
ZBS 1 component plug ZBS 1 can be used for LED (1764550000).		

Type	Qty.	Order No.
ZDK 2.5V	50	1689990000
ZDK 2.5V BL	50	1745880000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Marking tags	
Cover	
	With lightning flash symbol

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZAP/TW ZDK2.5 BL	20	1748800000
ZEW 35	20	9540000000
ZTA ZDK 2.5	6 A 5	1052660000
ZTA ZDK 2.5/ZA	6 A 5	1052680000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZAP/TW ZDK2.5 BL	20	1748800000
ZEW 35	20	9540000000
ZTA ZDK 2.5	6 A 5	1052660000
ZTA ZDK 2.5/ZA	6 A 5	1052680000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

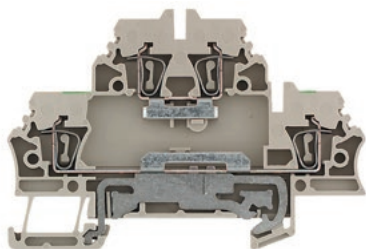
For detailed information on other accessories and application in the online catalogue

ZQV 2.5/1.5 (1720700000) connects the upper and lower layer.

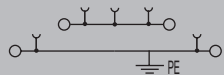
ZDK 2.5 DU-PE

2.5 mm²

Phase - PE conductor



5.1 x 79.5 x 53
24 / 2.5
0.05...2.5



Ex eb II
C Gb II 2 G D

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300		352
20	15		20
2.5	AWG 26...14	AWG 26...12	2.5 mm ²

6 kV / 3
A2 / V-0

DEMKD16ATEX1729U

Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

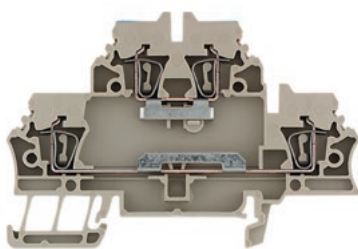
Type	Qty.	Order No.
ZDK 2.5DU-PE	50	1689970000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZAP/TW ZDK2.5 BL	20	1748800000
ZEW 35	20	9540000000
ZTA ZDK 2.5	6 A 5	1052660000
ZTA ZDK 2.5/ZA	6 A 5	1052680000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

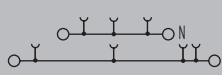
ZDK 2.5 N-DU

2.5 mm²

Neutral conductor - phase



5.1 x 79.5 x 53
23 / 2.5
0.05...2.5



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		352
20	15		19
2.5	AWG 26...14	AWG 26...12	2.5 mm ²

6 kV / 3
A2 / V-0

DEMKD16ATEX1729U

Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZDK 2.5N-DU	50	1689960000

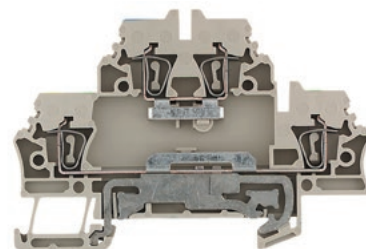
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZAP/TW ZDK2.5 BL	20	1748800000
ZEW 35	20	9540000000
ZTA ZDK 2.5	6 A 5	1052660000
ZTA ZDK 2.5/ZA	6 A 5	1052680000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZQV 2.5/1.5 (1720700000) connects the upper and lower layer.

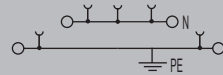
ZDK 2.5 N-PE

2.5 mm²

Neutral & PE conductor



5.1 x 79.5 x 53
24 / 2.5
0.05...2.5



Ex eb II
C Gb II 2 G D

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300		352
20	15		20
2.5	AWG 26...14	AWG 26...12	2.5 mm ²

6 kV / 3
A2 / V-0

DEMKD16ATEX1729U

Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZDK 2.5N-PE	50	1689980000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZAP/TW ZDK2.5 BL	20	1748800000
ZEW 35	20	9540000000
ZTA ZDK 2.5	6 A 5	1052660000
ZTA ZDK 2.5/ZA	6 A 5	1052680000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

**Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks**

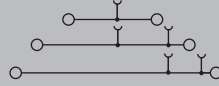
ZDL2 2.5-2 N

2.5 mm²

Three levels



5.1 x 110.5 x 69
20 / 2.5
0.08...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

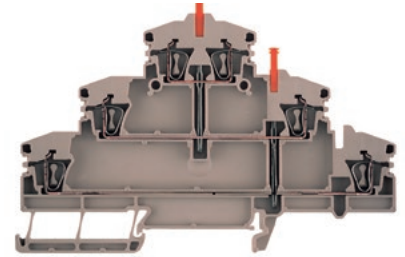
Vertical jumpers	1-pole
Plug-in cross-connection	2-pole 10-pole
End plate / Partition plate	dark beige Blue
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Standard With "swifty set" cutting device
Reducing sleeves	for conductors < 1.0 mm ² / AWG 18 for conductors < 0.5 mm ² / AWG 20
Marking tags	

For detailed information on other accessories and application in the online catalogue

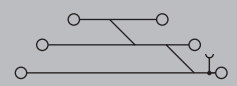
ZDL2 2.5-2 VN

2.5 mm²

Vertically cross-connected multi-level terminal



5.1 x 110.5 x 69
20 / 2.5
0.08...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDL2 2.5-2N	50	1782300000
ZDL2 2.5-2N BL	50	1782310000

Type	Qty.	Order No.
ZDL2 2.5-2VN	25	1782320000
ZDL2 2.5-2VN BL	25	1782330000

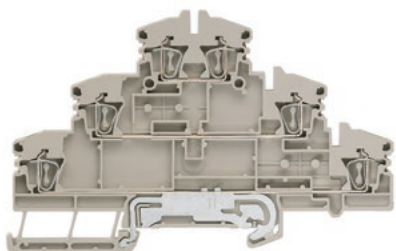
Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDL2.5-2N	20	1782340000
ZAP/TW ZDL2.5-2N BL	20	1782350000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/2	1000	1678800000
ZRH 1.5H/1	1000	1678810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDL2.5-2N	20	1782340000
ZAP/TW ZDL2.5-2N BL	20	1782350000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/2	1000	1678800000
ZRH 1.5H/1	1000	1678810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

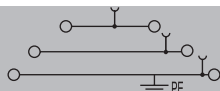
ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDLD 2.5-2 N PE/L/L

2.5 mm²



5.1 x 110.5 x 69
20 / 2.5
0.08...2.5



IEC	UL	CSA	EN 60079-7
500	150	150	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			

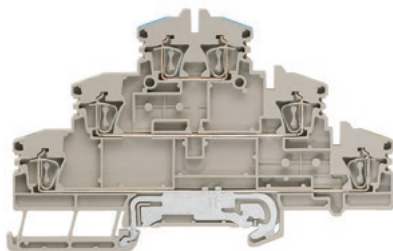


Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

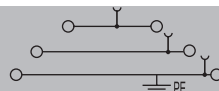
Type	Qty.	Order No.
ZDLD 2.5-2N/PE/L/L	50	1131750000

ZDLD 2.5-2 N PE/L/N

2.5 mm²



5.1 x 110.5 x 69
20 / 2.5
0.08...2.5



IEC	UL	CSA	EN 60079-7
500	150	150	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			

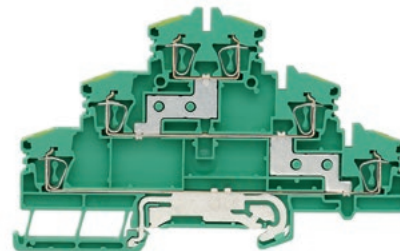


Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

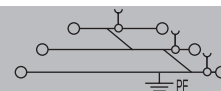
Type	Qty.	Order No.
ZDLD 2.5-2N/PE/L/N	50	1131760000

ZDLD 2.5-2 N PE

2.5 mm²



5.1 x 110.5 x 69
/ 2.5
0.08...2.5



IEC	UL	CSA	EN 60079-7
500			
2.5	AWG 26...12	AWG 26...12	
/ 3			
/ V-0			



Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 /

Type	Qty.	Order No.
ZDLD 2.5-2N PE	50	1131740000

Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDLD2.5-2N	20	1782340000
ZAP/TW ZDLD2.5-2N BL	20	1782350000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/2	1000	1678800000
ZRH 1.5H/1	1000	1678810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDLD2.5-2N	20	1782340000
ZAP/TW ZDLD2.5-2N BL	20	1782350000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/2	1000	1678800000
ZRH 1.5H/1	1000	1678810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDLD2.5-2N	20	1782340000
ZAP/TW ZDLD2.5-2N BL	20	1782350000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/2	1000	1678800000
ZRH 1.5H/1	1000	1678810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

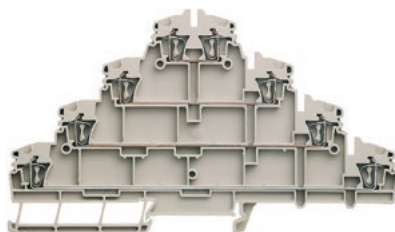


Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZVLD 2.5

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 148 x 85
20 / 2.5
0.14...2.5



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
20			
2.5			
		6 kV / 3	
		A2 / V-0	

Note

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
ZVLD 2.5	50	1208920000

Accessories

Vertical jumpers	
	1-pole
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Marking tags	

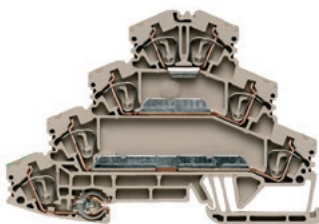
Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP ZVLD 2.5	10	1210410000
ZEW 35/2	20	8630740000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZMAK 2.5

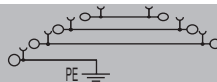
2.5 mm²

Motor-supply terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 102 x 69.5
31 / 4
0.13...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
24	25	25	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

CE UK KEUR UK CA

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
ZMAK 2.5	25	1768000000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Test adapter	Standard
Marking tags	

Type	Qty.	Order No.
ZAP ZMAK2.5	10	1768010000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZTA 1	9 A 25	1609040000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZMAK 2.5 690 V

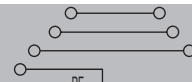
2.5 mm²

Motor-supply terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 102 x 69.5
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
690	300		
24	25		
2.5	AWG 26...12		
6 kV / 3			
A3 / V-0			

CE UK KEUR UK CA

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Type	Qty.	Order No.
ZMAK 2.5 690V	25	1027550000

The ZMAK 2.5 690 V, with pre-assembled end plate and a width of 6.1 mm.

Type	Qty.	Order No.
ZAP ZMAK2.5	10	1768010000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

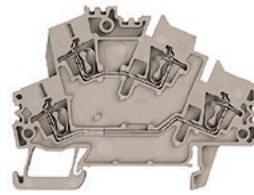
Universal range

A

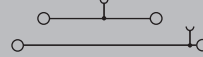
ZDK 2.5-2

2.5 mm²

Double-level terminal



5.1 x 72.5 x 54.5
24 / 4
0.05...4



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 30...12	AWG 30...12	4 mm ²

8 kV / 3

A2 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

Width/Height/Depth mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

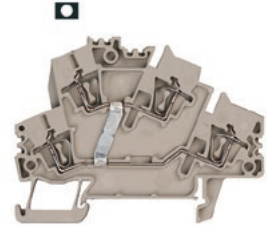
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

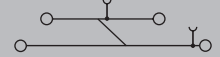
ZDK 2.5-2V

2.5 mm²

Vertical cross-connected double-level terminal



5.1 x 72.5 x 54.5
24 / 4
0.05...4



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	25	21
2.5	AWG 30...12	AWG 30...12	4 mm ²

8 kV / 3

A2 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 2.5-2	50	1790990000
ZDK 2.5-2 BL	50	1791000000

Type	Qty.	Order No.
ZDK 2.5-2V	50	1791030000
ZDK 2.5-2V BL	50	1791040000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5-2	20	1791050000
ZAP/TW ZDK2.5-2 BL	20	1791060000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

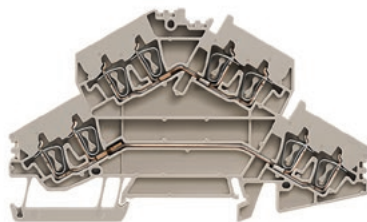
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5-2	20	1791050000
ZAP/TW ZDK2.5-2 BL	20	1791060000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDK 2.5-2/4

2.5 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 104 x 62	
26 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
22	20	20	19
2.5	AWG 30...12	AWG 30...12	4 mm ²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1808U			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
ZDK 2.5-2/4AN	50	1394040000

Accessories

Plug-in cross-connection	2-pole 10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Screwdriver PH2
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5-2/4AN	20	1394050000
ZEW 35	20	9540000000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDS 0.6X3.5X100	1	2749340000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
SNAPMARK I	50	1805880000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue



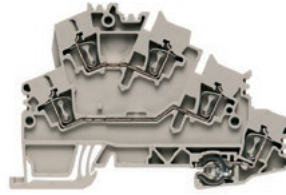
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDKPE 2.5-2

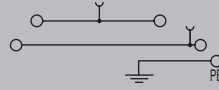
2.5 mm²

Double-tier terminal with one-sided
PE connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 89.5 x 59.5
24 / 4
0.05...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	300	
24	20	25	
2.5	AWG 26...12	AWG 30...12	
8 kV / 3			
A2 / V-0			

CE cUL UK usCSA

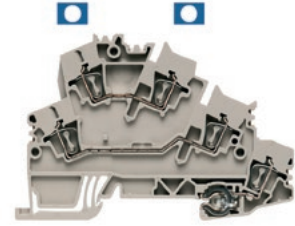
Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

ZDKPE 2.5-2/N/L/PE

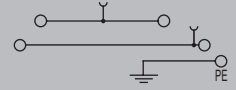
2.5 mm²

Double-tier terminal with one-sided
PE connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 89.5 x 59.5
24 / 4
0.05...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600		
24	20		
2.5	AWG 26...12		
8 kV / 3			
A2 / V-0			

CE cUL UK usCSA

Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
ZDKPE 2.5-2	50	1805940000

Type	Qty.	Order No.
ZDKPE 2.5-2/N/L/PE	50	1895700000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Standard With "swifty set" cutting device
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDKPE2.5-2	25	1805960000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDKPE2.5-2	25	1805960000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

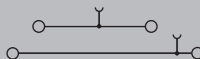
ZDK 4-2

4 mm²

Double-level terminal



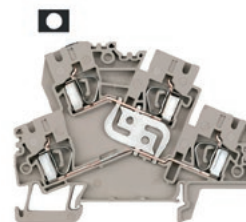
6.1 x 77.6 x 60
32 / 6
0.13...6



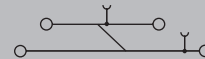
ZDK 4-2 V

4 mm²

Vertical cross-connected double-level terminal



6.1 x 77.6 x 60
32 / 6
0.13...6



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			

CE

Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			

CE

Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDK 4-2	50	8670750000
ZDK 4-2 BL	50	8670850000

Type	Qty.	Order No.
ZDK 4-2 V	50	8671080000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Standard
Cover	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDK 4-2 DU/PE

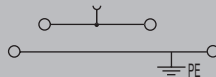
4 mm²

Phase - PE conductor



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 77.6 x 60
32 / 6
0.13...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			

CE UK

Rated connection	
0.5...6	
0.5...4 / 0.5...4	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDK 4-2/DU-PE	50	8671120000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

For detailed information on other accessories and application in the online catalogue

ZDK 4-2/2AN

4 mm²

Double-level terminal




Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

8.1 x 78 x 60
/ 6
0.13...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
800			
32			
4	AWG 26...10		
		/ 3	
		A3 / V-0	
			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
ZDK 4-2/2AN	50	1119700000

Accessories

Cover	With lightning flash symbol
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
ZAD 1/4	20	1609110000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

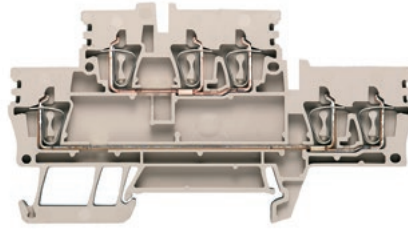
Universal range

A

ZDK 2.5/3AN

2.5 mm²

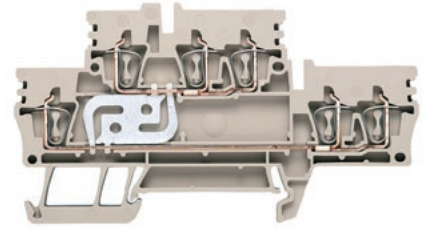
Double-level terminal



ZDK 2.5/3AN V

2.5 mm²

Vertical cross-connected double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 93 x 50.5	
24 / 4	
0.05...4	

5.1 x 93 x 50.5	
24 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm ²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1729U			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	20
2.5	AWG 30...12	AWG 30...12	2.5 mm ²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1729U			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDK 2.5/3AN	50	1924510000
ZDK 2.5/3AN BL	50	1924500000

Type	Qty.	Order No.
ZDK 2.5/3AN V	50	1924490000
ZDK 2.5/3AN V BL	50	1924480000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK 2.5/3AN	20	1924910000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
SNAPMARK I	50	1805880000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

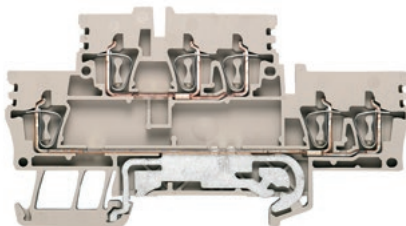
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK 2.5/3AN	20	1924910000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
SNAPMARK I	50	1805880000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDK 2.5/3AN DU-PE

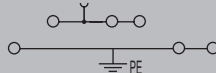
2.5 mm²

Double-level terminal (DU-PE)



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 93 x 50.5
31 / 4
0.05...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1 (-7-2) Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm ²

8 kV / 3
A2 / V-0

DEMKO16ATEX1729U

Rated connection	
0.5...4 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZDK 2.5/3AN DU-PE	50	1924460000

Accessories

Plug-in cross-connection	2-pole 10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK 2.5/3AN	20	1924910000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
SNAPMARK I	50	1805880000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

Universal range

A

ZPEA 2.5-2

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 35 x 30
/ 4
0.13...4

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5		AWG 26...12	4 mm ²
500			
6			
		300 A (2.5 mm ²)	
		3	
		A2 / V-0	

Ex eb II
C Gb II 2 G D

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

TS 15 - sliced construction

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige beige
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20
Marking tags	

Type	Qty.	Order No.
ZPEA 2.5-2	100	1720950000

Type	Qty.	Order No.
ZAP/TW ZDUA	50	1720960000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZPEA 2.5-2N

2.5 mm²

Two connections



5.1 x 42.5 x 35
/ 4
0.13...4

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5		AWG 26...12	
800			
8			
		300 A (2.5 mm ²)	
		3	
		A2 / V-0	

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

TS 15 - sliced construction

Type	Qty.	Order No.
ZPEA 2.5-2N	50	1808210000

Type	Qty.	Order No.
ZAP/TW ZDUA2.5-2N	50	1808170000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

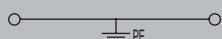
ZPEB 2.5-2

2.5 mm²

Two connections



5.1 x 33.5 x 31
/ 4
0.13...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A2 / V-0			

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - block construction

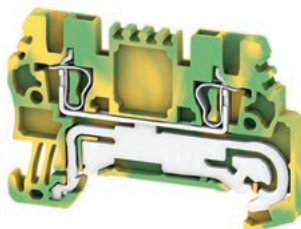
Type	Qty.	Order No.
ZPEB 2.5-2	100	1712810000

Type	Qty.	Order No.
ZAP ZDUB	50	1704750000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

ZPE 1.5

1.5 mm²

Two connections



3.5 x 54.5 x 36.5
/ 1.5
0.05...1.5



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
3			
B1 / V-0			

Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75
10 / 0.4 x 2.0 mm

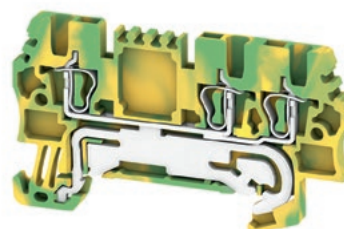
Type	Qty.	Order No.
ZPE 1.5	50	1775510000

Type	Qty.	Order No.
ZAP/TW ZDU1.5/2AN	20	1776030000
ZEW 35	20	9540000000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

ZPE 1.5/3AN

1.5 mm²

Three connections



3.5 x 63 x 36.5
/ 1.5
0.05...1.5



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
3			
B1 / V-0			

Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZPE 1.5/3AN	50	1775560000

Type	Qty.	Order No.
ZAP/TW ZDU1.5/3AN	20	1776060000
ZEW 35	20	9540000000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000



Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

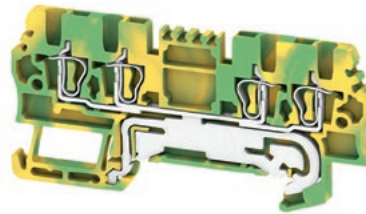
Universal range

A

ZPE 1.5/4AN

1.5 mm²

Four connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

3.5 x 75.5 x 36.5	
/ 1.5	
0.05...1.5	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2				Ex eb II	
				C Gb	
IEC	UL	CSA	EN 60079-7		
1.5		AWG 26...12	1.5 mm ²		
500					
6					
				180 A (1.5 mm ²)	
				3	
				B1 / V-0	
Rated connection					
0.5...1.5					
0.5...1.5 / 0.5...1.5					
0.5...0.75					
10 / 0.4 x 2.0 mm					

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZPE 2.5

2.5 mm²

Two connections



5.1 x 63 x 38.5	
/ 4	
0.05...4	

IEC 60947-7-2				Ex eb II	
				C Gb	
IEC	UL	CSA	EN 60079-7		
2.5		AWG 26...12	4 mm ²		
800					
8					
				300 A (2.5 mm ²)	
				3	
				A3 / V-0	
Rated connection					
0.5...4					
0.5...4 / 0.5...2.5					
10 / 0.6 x 3.5 mm					

Type	Qty.	Order No.
ZPE 2.5	50	1608640000

Type	Qty.	Order No.	
ZAP/TW 1	50	1608740000	
ZEW 35	20	9540000000	
ZTA 1	9 A	25	1609040000
ZTA 1/ZA	9 A	25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000	
ZRH 2.5/1 WS	1000	1614300000	
ZRH 2.5/2 GR/V0	1000	1614290000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 10/5 MC NE WS	720	1635000000	
WS 8/5 MM WS	800	2007150000	

For detailed information on other accessories and application in the online catalogue

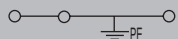
ZPE 2.5/3AN

2.5 mm²

Three connections



5.1 x 64.5 x 38.5
/ 4
0.05...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5		AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			



Rated connection
0.5...4
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/3AN	50	1608650000

Type	Qty.	Order No.
ZAP/TW 2 DB	50	1608770000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/VO	1000	1614290000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

ZPE 2.5/4AN

2.5 mm²

Four connections



5.1 x 79.5 x 38.5
/ 4
0.05...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5		AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			



Rated connection
0.5...4
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/4AN	50	1608660000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/VO	1000	1614290000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

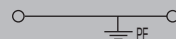
ZPE 4

4 mm²

Two connections



6.1 x 62.5 x 43
/ 6
0.13...6



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4	50	1632080000

Type	Qty.	Order No.
ZAP/TW 4	50	1632090000
ZEW 35	20	9540000000
ZTA 2 ZDU4	9 A 25	1609060000
ZTA 2/ZA ZDU4	9 A 25	1609070000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

Universal range

A

ZPE 4/3 AN

4 mm²

Three connections



ZPE 4/4 AN

4 mm²

Four connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.1 x 85.5 x 43	
/ 6	
0.13...6	

6.1 x 104.5 x 43	
/ 6	
0.13...6	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZPE 4/3AN	50	7904170000

Type	Qty.	Order No.
ZPE 4/4AN	50	7904280000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

Type	Qty.	Order No.
ZAP/TW 4/3AN	20	7904100000
ZEW 35	20	9540000000
ZTA 2 ZDU4	9 A 25	1609060000
ZTA 2/ZA ZDU4	9 A 25	1609070000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Type	Qty.	Order No.
ZAP/TW4/4AN	20	7904210000
ZEW 35	20	9540000000
ZTA 2 ZDU4	9 A 25	1609060000
ZTA 2/ZA ZDU4	9 A 25	1609070000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

ZPE 6

6 mm²

Two connections



8.1 x 65 x 45
/ 10
0.22...10



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
6		AWG 20...8	10 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			



Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5..6

13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 6	50	1608670000

Type	Qty.	Order No.
ZAP/TW 5	50	1608830000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

ZPE 6/3 AN

6 mm²

Three connections



8.1 x 90 x 45
/ 10
0.22...10



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
6		AWG 20...8	10 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			



Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5..6

13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 6/3AN	50	7907400000

Type	Qty.	Order No.
ZAP/TW6/3AN	20	7907370000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000



Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

Universal range

A

ZPE 10

10 mm²

Two connections



ZPE 10/3 AN

10 mm²

Three connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

10.1 x 73.5 x 49.5
/ 16
1.31...16

10.1 x 99 x 49.5
/ 16
1.31...16

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	16 mm ²
800			
8			
1200 A (10 mm ²)			
3			
A6 / V-0			

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	16 mm ²
800			
8			
1200 A (10 mm ²)			
3			
A6 / V-0			

Rated connection

1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Rated connection

1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Note

Ordering data

Version	
	Green/yellow
Note	

Type	Qty.	Order No.
ZPE 10	25	1746770000

Type	Qty.	Order No.
ZPE 10/3AN	20	1767670000

Accessories

End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZAP/TW ZDU10	20	1748660000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

ZPE 16

16 mm²

Two connections



12.1 x 82.5 x 50.5
/ 25
1.5...25

Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...6	AWG 14...4	25 mm ²
800			
8			
1920 A (16 mm ²)			
3			
A7 / V-0			

Rated connection

1.5...16 / 1.5...25
1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16	25	1745250000

Type	Qty.	Order No.
ZAP/TW ZDU16	20	1745150000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

ZPE 16/3AN

16 mm²

Three connections



12.1 x 99 x 50.5
/ 25
1.5...25

Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...4	25 mm ²
800			
8			
1920 A (16 mm ²)			
3			
A7 / V-0			

Rated connection

1.5...16 / 1.5...25
1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

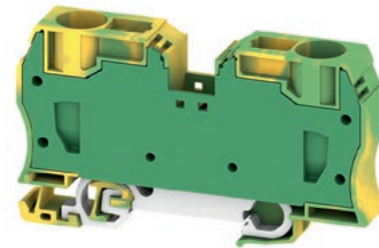
Type	Qty.	Order No.
ZPE 16/3AN	20	1768310000

Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

ZPE 35

35 mm²

Two connections



16 x 100.5 x 58.5
/ 35
2.5...35

Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
35		AWG 12...2	35 mm ²
800			
8			
4200 A (35 mm ²)			
3			
A8 / V-0			

Rated connection

2.5...16 / 2.5...35
2.5...35 / 2.5...35

25 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 35	10	1739650000

Integrated end plate.

Type	Qty.	Order No.
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

The plug-in cross-connections ZDV 16/2 (1739690000) can be used.

The plug-in cross-connections ZDV 35/2 (1739700000) can be used.



Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

Universal range

A

ZPE 2.5-2

2.5 mm²

Two connections



ZPE 2.5-2/3AN

2.5 mm²

Three connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 43.5	
/ 4	
0.13...4	

5.1 x 50.5 x 43.5	
/ 4	
0.13...4	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A2 / V-0			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...14	AWG 26...14	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A2 / V-0			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZPE 2.5-2	50	1772090000

Type	Qty.	Order No.
ZPE 2.5-2/3AN	50	1706090000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

Type	Qty.	Order No.
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

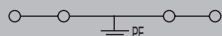
ZPE 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 43.5
/ 4
0.13...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5		AWG 26...14	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A2 / V-0			

Rated connection

0.5...4
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5-2/4AN	50	1706100000

Type	Qty.	Order No.
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

ZPE 4-2/2AN

4 mm²

Two connections



6.1 x 61.5 x 45.5
/ 6
0.13...6



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
480 A (4 mm ²)			
3			
A3 / V-0			

Rated connection

0.5...6
0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4-2/2AN	50	1770380000

Type	Qty.	Order No.
ZAP ZDU4-2	50	1770400000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

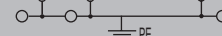
ZPE 4-2/3AN

4 mm²

Three connections



6.1 x 61.5 x 45.5
/ 6
0.13...6



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
480 A (4 mm ²)			
3			
A3 / V-0			

Rated connection

0.5...6
0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4-2/3AN	50	1770390000

Type	Qty.	Order No.
ZAP ZDU4-2	50	1770400000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000



Spring connection with tension clamp technology (Z-Series)
PE terminal blocks

Universal range

A

ZPE 4-2/4 AN

4 mm²

Four connections



ZPE 6-2/2AN

6 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.1 x 75 x 45.5	
/ 6	
0.13...6	

8.1 x 68 x 49.19	
/ 10	
0.22...10	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
480 A (4 mm ²)			
3			
A3 / V-0			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			
Rated connection			
0.5...10			
0.5...10 / 0.5...6			
12 / 0.8 x 4.0 mm			

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZPE 4-2/4AN	50	1807090000

Type	Qty.	Order No.
ZPE 6-2/2AN	50	1771370000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

Type	Qty.	Order No.
ZAP ZDU4-2/4AN	50	1807010000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Type	Qty.	Order No.
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

For detailed information on other accessories and application in the online catalogue

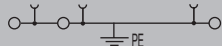
ZPE 6-2/3AN

6 mm²

Three connections



8.1 x 68 x 49.19
/ 10
0.22...10



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm ²
800			
8			
	720 A (6 mm ²)		
	3		
	A5 / V-0		

Rated connection

0.5...10
0.5...10 / 0.5...6

12 / 0.8 x 4.0 mm

Type	Qty.	Order No.
ZPE 6-2/3AN	50	1771360000

Type	Qty.	Order No.
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS SLIM 0.8X4.0X100	1	2749620000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

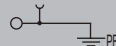
ZPE 16-2/1AN

16 mm²

Supply terminal - PE



12 x 65 x 50.5
/ 25
1.5...25



In accordance with IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 26...14	
800			
8			
	1920 A (16 mm ²)		
	3		
	A7 / V-0		

Rated connection

1.5...10 / 16...25
1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZPE 16-2/1AN	20	1772960000

Type	Qty.	Order No.
ZAP/Z...16-2/1AN	10	1772970000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000

The plug-in cross-connections ZQV 2.5/... ZQV 4/... and ZQV 6/... can be used.



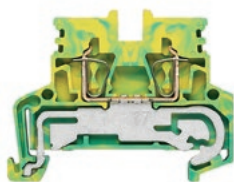
Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPE 2.5N

2.5 mm²

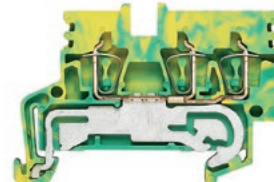
Two connections



ZPE 2.5N/3AN

2.5 mm²

Three connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 38.5
/ 4
0.05...4

5.1 x 56.5 x 38.5
/ 4
0.05...4

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	
800			
6			
300 A (2.5 mm ²)			
3			
A2 / V-0			

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	
800			
6			
300 A (2.5 mm ²)			
3			
A2 / V-0			

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Rated connection	
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

Rated connection	
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZPE 2.5N	50	1933760000

Type	Qty.	Order No.
ZPE 2.5N/3AN	50	1933770000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

Type	Qty.	Order No.	
ZAP/TW ZDU/ZPE 2.5N	20	1933790000	
ZEW 35	20	9540000000	
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000	
ZRH 1.5H/1	1000	1678810000	
ZRH 1.5H/2	1000	1678800000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 10/5 M MC NE WS	720	1792000000	
WS 8/5 MM WS	800	2007150000	

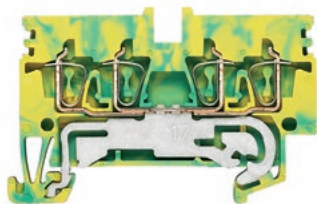
Type	Qty.	Order No.	
ZAP/TW ZDU/ZPE 2.5N/3AN	50	1933800000	
ZEW 35	20	9540000000	
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000	
ZRH 1.5H/1	1000	1678810000	
ZRH 1.5H/2	1000	1678800000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 10/5 M MC NE WS	720	1792000000	
WS 8/5 MM WS	800	2007150000	

For detailed information on other accessories and application in the online catalogue

ZPE 2.5N/4AN

2.5 mm²

Four connections




5.1 x 60 x 38.5

/ 4

0.05...4



IEC 60947-7-2 Ex eb II C Gb  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	
800			
6			
300 A (2.5 mm ²)			
3			
A2 / V-0			

Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5N/4AN	50	1933780000

Type	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/4AN	50	1933810000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000

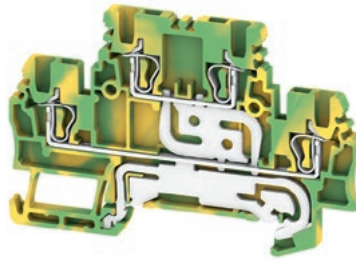


Spring connection with tension clamp technology (Z-Series)
PE terminal blocks

ZDK 1.5 PE

1.5 mm²

Double-level terminal



ZDK 2.5 PE

2.5 mm²

Vertically cross-connected



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

3.5 x 75.5 x 49.5	
/ 1.5	
0.05...1.5	

5.1 x 79.5 x 53	
/ 2.5	
0.05...2.5	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
1.5	AWG 28...16	AWG 28...16	
500			
6			
180 A (1.5 mm ²)			
3			
B1 / V-0			
Rated connection			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
0.5...0.75			
10 / 0.4 x 2.0 mm			

IEC 60947-7-2				Ex eb II	
				C Gb	
IEC	UL	CSA	EN 60079-7		
2.5	AWG 26...14	AWG 26...12	2.5 mm ²		
500					
6					
300 A (2.5 mm ²)					
3					
A2 / V-0					
Rated connection					
0.5...2.5					
0.5...2.5 / 0.5...1.5					
10 / 0.6 x 3.5 mm					

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZDK 1.5PE	50	1791150000

Type	Qty.	Order No.
ZDK 2.5PE	50	1690000000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
ZAP/TW ZDK1.5	20	1791160000
ZEW 35	20	9540000000
ZRH 1.5S/1	500	1781950000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MC NE WS	500	1755270000
DEK 5/3.5 MM WS	1000	2007100000

Type	Qty.	Order No.
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 PLUS MC NE GE	1000	1907520000
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

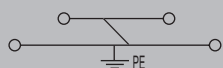
ZDK 2.5-2PE

2.5 mm²

Four connections



5.1 x 72.5 x 54.5
/ 4
0.05...4



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 30...12	4 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

Rated connection

0.5...4
0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 2.5-2PE	50	1791010000

Type	Qty.	Order No.
ZAP/TW ZDK2.5-2	20	1791050000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
SDS 0.5X3.0X80	1	2749330000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

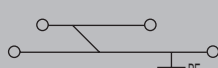
ZDK 4-2 PE

4 mm²

Four connections



6.1 x 77.6 x
/ 6
0.13...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	
800			
8			
	480 A (4 mm ²)		
	3		
	A3 /		

Rated connection

0.5...6
0.5...4

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 4-2 PE	50	8671050000

Type	Qty.	Order No.
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000



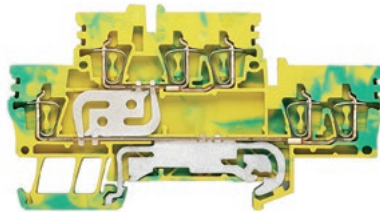
Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZDK 2.5/3AN PE

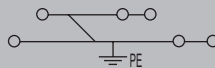
2.5 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 93 x 50.5
/ 4
0.05...4



Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Rated connection
0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZDK 2.5/3AN PE	50	1924470000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.	
ZAP/TW ZDK 2.5/3AN	20	1924910000	
ZEW 35/2	20	8630740000	
ZTA ZT2.5/ZA	17.5 A	25	1847600000
ZTA ZT2.5	17.5 A	25	1827080000
ZRH 1.5H/1	1000	1678810000	
ZRH 1.5H/2	1000	1678800000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
DEK 5/5 MC NE WS	1000	1609801044	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	
SNAPMARK I	50	1805880000	

For detailed information on other accessories and application in the online catalogue

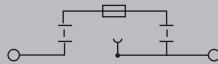
ZSI 2.5

2.5 mm²

For metric fuses 5 x 20 mm

ZSI 2.5

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 79.5 x 73
6.3 / 4
0.13...4

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	600 (C)	
6.3	10	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			



Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
0.6 x 3.5 mm	
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.	

Ordering data

Version	
	500 V AC/DC, without LED
Note	

Type	Qty.	Order No.
ZSI 2.5	50	1616400000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
	dark beige
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Type	Order No.
ZSI 2.5	1616400000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	52 °C	4.0 W / 6.3 A	27 °C	2.5 W / 2.5 A
In combination	55 °C	2.5 W / 6.3 A	41 °C	1.6 W / 6.3 A

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

ZSI 2.5/QV

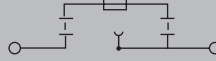
2.5 mm²

For metric fuses 5 x 20



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 79.5 x 73
6.3 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400			
6.3			
2.5			
		6 kV / 3	
		V-0	
CE UK CA			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
0.6 x 3.5 mm			
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.			

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
ZSI 2.5/QV	50	1799470000
For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.		

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
	dark beige
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

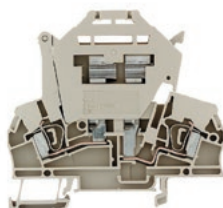
Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue

ZSI 2.5 LED

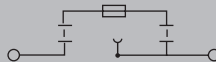
2.5 mm²

For metric fuses 5 x 20 mm



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 79.5 x 73
6.3 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
0.6 x 3.5 mm			
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.			

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
	dark beige
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
G25 with indicator / imperial (inch) fuse	
	0.50 A medium slow / 2 A
	1.00 A medium slow / 3 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A
Marking tags	

Type	Qty.	Order No.
ZSI 2.5/LD 28AC	50	1616440000
ZSI 2.5/LD 60AC	50	1616430000
ZSI 2.5/LD 120AC	50	1616420000
ZSI 2.5/LD 250AC	50	1616410000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

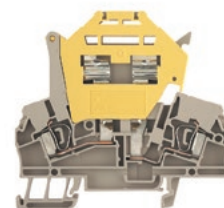
For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED.

ZSI 2.5/5x25

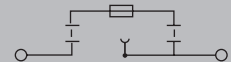
2.5 mm²

For metric fuses 5 x 25 mm



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 79.5 x 73
6.3 / 4
0.13...4



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
2.5			
6 kV / 3			
V-0			
Rated connection			
0.5...4			
0.5...4			
0.6 x 3.5 mm			
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.			

Type	Qty.	Order No.
ZSI 2.5/5X25	50	1730900000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 25/0.50A/M WS	0.5 A 10	0510300000
G 25/1.00A/M RT	1 A 10	0265800000
G 25/2.00A/F BL	2 A 10	0192700000
G 25/4.00A/F BR	4 A 10	0192800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Status display using a bi-directional LED.

Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

ZSI 2.5/2

2.5 mm²

For imperial fuses

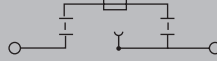


ZSI 2.5/2

Overload and short-circuit protection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 79.5 x 73
12 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (C)	
12	16	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			



Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.	

Ordering data

Version	
	500 V AC/DC, without LED
Note	

Type	Qty.	Order No.
ZSI 2.5/2 500AC	10	1616460000
Note		
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQS 2.5/2	24 A 20	1633200000
ZQS 2.5/4	24 A 20	1633220000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Type	Order No.
ZSI 2.5/2 500AC	1616460000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	46 °C	4.0 W / 10.0 A	40 °C	2.5 W / 2.5 A
In combination	72 °C	2.5 W / 2.5 A	29 °C	2.5 W / 2.5 A

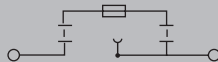
For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of inch fuse cartridges.

ZSI 2.5/2 LED

2.5 mm²

For imperial fuses



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 79.5 x 73
12 / 4
0.13...4

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
12			
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			



Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
0.6 x 3.5 mm	

Note

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version	
	10-36 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED

Note

Type	Qty.	Order No.
ZSI 2.5/2/LD 28AC	10	1616470000
ZSI 2.5/2/LD 120AC	10	1616490000
ZSI 2.5/2/LD 250AC	10	1616500000

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.	
ZQS 2.5/2	24 A	20	1633200000
ZQS 2.5/4	24 A	20	1633220000
ZAP TNHE/ZSI2.5		25	1610840000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of inch fuse cartridges.



Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

Universal range

A

ZSI 2.5 2x2 AN

2.5 mm²

For metric fuses 5 x 20



ZSI 2.5 2x2 AN

2.5 mm²

For metric fuses 5 x 25



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

12.2 x 68 x 55	
10 / 4	
0.13...4	

12.2 x 68 x 55	
10 / 4	
0.13...4	

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	4 kV / 3
UL 94 flammability rating	V-0
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	0.6 x 3.5 mm
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
V-0			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	0.6 x 3.5 mm

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
V-0			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	0.6 x 3.5 mm

Ordering data

Version	500 V AC/DC, without LED
Note	

Type	Qty.	Order No.
ZSI 2.5-2/2X2AN/G20	20	1826050000

Type	Qty.	Order No.
ZSI 2.5-2/2X2AN/G25	20	1826200000

Accessories

Plug-in cross-connection		2-pole
End plate / Partition plate		End plate, Wemid
Screwdriver		Standard Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)		
	0.25 A fast	
	0.50 A fast	
	1.00 A fast	
	2.00 A fast	
Marking tags		
G25 with indicator / imperial (inch) fuse		
	0.50 A medium slow / 2 A	
	1.00 A medium slow / 3 A	
	2.00 A fast / 5 A	
	4.00 A fast / 10 A	

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP ZDU6-2 SW	50	1814710000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP ZDU6-2 SW	50	1814710000
SDS 0.6X3.5X100	1	2749340000
WS 10/5 MC NE WS	720	1635000000
G 25/0.50A/M WS	0.5 A 10	0510300000
G 25/1.00A/M RT	1 A 10	0265800000
G 25/2.00A/F BL	2 A 10	0192700000
G 25/4.00A/F BR	4 A 10	0192800000

For detailed information on other accessories and application in the online catalogue

ZSI 2.5-2

Overload and short-circuit protection

ZSI 2.5-2 / G20

Type	Order No.
ZSI 2.5-2/2X2AN/G20	1826050000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _a max.	Nominal values	T _a max.	Nominal values
Individual			39 °C	2.5 W / 6.3 A
In combination			41 °C	1.6 W / 6.3 A

ZSI 2.5-2 / G25

Type	Order No.
ZSI 2.5-2/2X2AN/G25	1826200000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _a max.	Nominal values	T _a max.	Nominal values
Individual	60 °C			
In combination	47 °C			



Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

ZSI 2.5 2x2 AN LED

2.5 mm²

For metric fuses 5 x 20

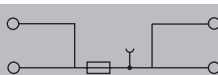


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

12.2 x 68 x 55

10 / 4

0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	

Clamped conductors

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)		
10	10		
2.5	AWG 26...12	AWG 26...12	
			4 kV / 3
			V-0

CE e UK usCA

Rated connection

0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Ordering data

Version	
	10-36 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
ZSI 2.5-2/2X2AN/G20/LD1	20	1867440000
ZSI 2.5-2/2X2AN/G20/LD3	20	1867420000
ZSI 2.5-2/2X2AN/G20/LD4	20	1879730000

Accessories

Plug-in cross-connection	
	2-pole
End plate / Partition plate	
	End plate, Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP ZDU6-2 SW	50	1814710000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

ZSI 6-2

6 mm²

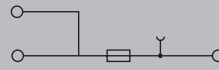
For metric fuses 5 x 20



ZSI 6-2

Overload and short-circuit protection

Width/Height/Depth	mm	12.2 x 68 x 55
max. current / max. cond. cross-section	A/mm ²	10 / 10
Max. clamping range	mm ²	0.13...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
6	AWG 26...12	AWG 26...8	
4 kV / 3			
V-0			



Rated connection	
0.5...10	0.5...4
0.5...10 / 0.5...6	0.5...4 / 0.5...2.5
0.6 x 3.5 mm	

ZSI 6-2 2x2.5 / G20

Type	Order No.
ZSI 6-2 2X2.5/G20	1820930000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual			37 °C	2.5 W / 6.3 A
In combination			40 °C	1.6 W / 6.3 A

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
ZSI 6-2 2X2.5/G20	20	1820930000

ZSI 6 2x2.5 / G25

Type	Order No.
ZSI 6-2 2X2.5/G25	1820950000

Accessories

Plug-in cross-connection	2-pole
End plate / Partition plate	End plate, Wemid
Screwdriver	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	0.50 A fast 1.00 A fast 2.00 A fast 0.25 A fast
G25 with indicator / imperial (inch) fuse	2.00 A fast / 5 A 4.00 A fast / 10 A 1.00 A medium slow / 3 A 0.50 A medium slow / 2 A
Marking tags	

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP ZDU6-2 SW	50	1814710000
SDIS SLIM 0.8X4.0X100	1	2749620000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
G 20/0.25A/F	0.25 A 10	0430500000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	60 °C			
In combination	47 °C			

For detailed information on other accessories and application in the online catalogue

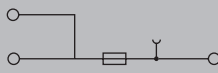
ZSI 6-2 2x2.5

6 mm²

For metric fuses 5 x 20 / 5 x 25



12.2 x 68 x 55
10 / 10
0.13...10



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
6	AWG 26...12	AWG 26...8	
4 kV / 3			
V-0			

CE UK usCA

Rated connection

0.5...10	0.5...4
0.5...10 / 0.5...6	0.5...4 / 0.5...2.5
0.6 x 3.5 mm	

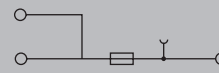
ZSI 6-2 LED

6 mm²

For metric fuses 5 x 20



12.2 x 68 x 55
10 / 10
0.13...10



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)		
10	10		
6	AWG 26...12	AWG 20...8	
4 kV / 3			
V-0			

CE UK usCA

Rated connection

0.5...10	0.5...4
0.5...10 / 0.5...6	0.5...4 / 0.5...2.5
0.6 x 3.5 mm	

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Accessories

Plug-in cross-connection	
	2-pole
End plate / Partition plate	
	End plate, Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.50 A fast
	1.00 A fast
	2.00 A fast
	0.25 A fast
G25 with indicator / imperial (inch) fuse	
	2.00 A fast / 5 A
	4.00 A fast / 10 A
	1.00 A medium slow / 3 A
	0.50 A medium slow / 2 A
Marking tags	

Type	Qty.	Order No.
ZSI 6-2 2X2.5/G25	20	1820950000

Type	Qty.	Order No.	
ZQV 4/2 GE	32 A	60	1608950000
ZAP ZDU6-2 SW	50	1814710000	
SDS 0.8X4.0X100	1	2749360000	
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
G 20/0.25A/F	0.25 A	10	0430500000
G 25/2.00A/F BL	2 A	10	0192700000
G 25/4.00A/F BR	4 A	10	0192800000
G 25/1.00A/M RT	1 A	10	0265800000
G 25/0.50A/M WS	0.5 A	10	0510300000
DEK 5/5 MC NE WS	1000	1609801044	
WS 10/5 MC NE WS	720	1635000000	

Type	Qty.	Order No.
ZSI 6-2 2X2.5/G20/LD1	20	1867500000
ZSI 6-2 2X2.5/G20/LD4	20	1879750000

Type	Qty.	Order No.	
ZQV 4/2 GE	32 A	60	1608950000
ZAP ZDU6-2 SW	50	1814710000	
SDIS SLIM 0.8X4.0X100	1	2749620000	
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
G 20/0.25A/F	0.25 A	10	0430500000
DEK 5/5 MC NE WS	1000	1609801044	
WS 10/5 MC NE WS	720	1635000000	

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)
Fuse terminal blocks

ZSI 6-2/FC

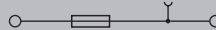
6 mm²

For car fuses



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 70 x 50
30 / 10
0.33...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

DIN 72581-3, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
30	25	25	
6	AWG 22...10	AWG 22...10	
6 kV / 3			
V-0			



Rated connection	
0.5...10	
0.5...10 / 0.5...6	
4.0 x 0.8 mm	
Note	
Fuse continuous current max. 80 % IN.	

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
Note	

Type	Qty.	Order No.
ZSI 6-2/FC	25	1814690000
ZSI 6-2/FC LD	25	1814700000

Accessories

Pluggable cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	End plate, Wemid
Screwdriver	
	Standard
Circuit breaker ETA and car fuses*	
Rated voltage	
Rated current	A
Switching capacity	A
Protection	IP
*) Note: not possible to order from Weidmüller	
Rated current circuit breaker	A

ETA 1180



Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2 SW		50	1814710000
SDIS SLIM 0.8X4.0X100		1	2749620000

Circuit breaker 1180	
65 V DC / 250 V AC	
0.1...10	
2000	
40	

Circuit breaker 1180			
	Order No.		Order No.
0.1	1278840000	2	1278970000
0.2	1278850000	2.5	1278980000
0.25	1278860000	3	1278990000
0.3	1278870000	3.5	1279010000
0.4	1278880000	4	1279020000
0.5	1278910000	5	1279030000
0.6	1278920000	6	1279040000
0.7	1278930000	7	1279050000
0.8	1278940000	8	1279060000
1	1278950000	10	1279070000
1.5	1278960000		

Identification systems

DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of Pudenz fuses.

ZSI 6-2/FC

Overload and short-circuit protection

Type	Order No.
ZSI 6-2/FC	1814690000

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	24 °C	3,0 W / 30 A	*	*
In combination	28 °C	1,90 W / 24 A (30 A)**	*	*

*) Values not available
 **) According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
 => The 30 A fuse can be loaded to a maximum 24 A

Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1170) or alternatively car fuses

Width/Length/Height with TS35x7.5	mm
Insulating stripping length	mm

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm ²
Approvals	
Other technical data	
Clamped conductors	
solid H07V-U	mm ²
stranded H07V-K	mm ²
„f“ with ferrule acc. DIN 46 228/1	mm ²
„f“ ferrules with plastic collar	mm ²
max. clamping range in mm ²	
gauge acc. to IEC 60 947-1	Size

Note

Ordering data

Note

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / partition	
	ZAP black Wemid
Screwdriver	
	SD acc. to DIN 5264-A
Circuit breaker ETA and car fuses*	
Rated voltage	
Rated current	A
Switching capacity	A
Protection	IP
Rated current circuit breaker	A

ETA 1170



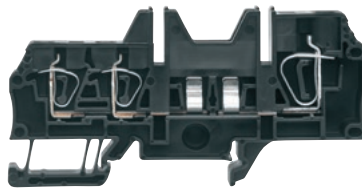
Marking systems (see assortment in catalogue 7)
Marking tags

***) Note:**
not possible to order from Weidmüller

ZSI 2x6/4x2.5 FC

6/2.5 mm²

Circuit breaker ETA 1170
28 V DC



16 / 93 / 47.5	
10	

IEC	UL	CSA	EN 60079-7
500	600	600	
57	20	20	
2.5	AWG 26...12	AWG 26...12	
6	AWG 20...8	AWG 20...8	
Output		Input	
0.5...4	0.5...10		
0.5...4	0.5...10		
0.5...2.5	0.5...6		
0.5...2.5	0.5...6		
0.08...4	0.21...10		

Type	Qty.	Order No.
ZSI 2x6/4x2.5 FC	10	1058520000

Type	Current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZAP ZSI2x6/4x2.5		50	1059310000
SDIS SLIM 0.6X3.5X100		1	2749610000
SDIS SLIM 0.8X4.0X100		1	2749620000

Circuit breaker 1170			
12 V DC / 48 V DC			
3...25			
200			
40			

Circuit breaker 1170		
	Colour	Order No.
3	violet	1278730000
4	pink	1278740000
5	orange	1278750000
6	green	1278760000
7.5	brown	1278770000
8	yellow	1278780000
10	red	1278790000
15	blue	1278810000
20	yellow	1278820000
25	white	1278830000

DEK 5/5 MC

ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

Type	Order No.
ZSI 2X6/4X2.5 FC	1058520000

Arrangement	Applications			
	ETA fuse		Automotive fuse	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	24 °C	1.68 W / 20 A (25 A)*	45 °C	1.9 W / 24 A (30 A)**
In combination	24 °C	1.68 W / 20 A (25 A)*	35 °C	1.9 W / 24 A (30 A)**

***)** ETA circuit breakers 1170
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 25 A fuse can be loaded to a maximum 20 A

****)** Automotive fuses in accordance with DIN 41576
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 30 A fuse can be loaded to a maximum 24 A



Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

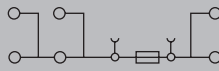
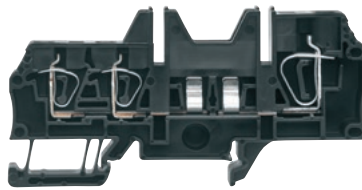
Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1180)

ZSI 2x6/4x2.5

6/2.5 mm²

Circuit breaker ETA 1180
65 V DC / 250 V AC



Width/Length/Height with TS35x7.5	mm
Insulating stripping length	mm

Technical data


Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm ²
Approvals	
Other technical data	
Clamped conductors	
solid H07V-U	mm ²
stranded H07V-K	mm ²
„f“ with ferrule acc. DIN 46 228/1	mm ²
„f“ ferrules with plastic collar	mm ²
max. clamping range in mm ²	
gauge acc. to IEC 60 947-1	Size

Note

Ordering data

Note

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / partition	
	ZAP black Wemid
Screwdriver	
	SD acc. to DIN 5264-A
Circuit breaker ETA and car fuses*	
Rated voltage	
Rated current	A
Switching capacity	A
Protection	IP
ETA 1180	
	
Rated current circuit breaker	A
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
*) Note: not possible to order from Weidmüller	

IEC	UL	CSA	EN 60079-7
500	600	600	
57	20	20	
2.5	AWG 26...12	AWG 26...12	
6	AWG 20...8	AWG 20...8	

CE cULus ENEC

Output	Input
0.5...4	0.5...10
0.5...4	0.5...10
0.5...2.5	0.5...6
0.5...2.5	0.5...6
0.08...4	0.21...10

Type	Qty.	Order No.
ZSI 2x6/4x2.5	10	1265990000

Type	Strom	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZAP ZSI2x6/4x2.5		50	1059310000
SDIS SLIM 0.6X3.5X100		1	2749610000
SDIS SLIM 0.8X4.0X100		1	2749620000

Circuit breaker 1180
65 V DC / 250 V AC

0.1...10
2000
40

Circuit breaker 1180

	Order No.		Order No.
0.1	1278840000	2	1278970000
0.2	1278850000	2.5	1278980000
0.25	1278860000	3	1278990000
0.3	1278870000	3.5	1279010000
0.4	1278880000	4	1279020000
0.5	1278910000	5	1279030000
0.6	1278920000	6	1279040000
0.7	1278930000	7	1279050000
0.8	1278940000	8	1279060000
1	1278950000	10	1279070000
1.5	1278960000		

DEK 5/5 MC

ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

Type	Order No.
ZSI 2X6/4X2.5	1265990000

Arrangement	Applications	
	ETA fuse	
	T _A max.	Nominal values
Individual	24 °C	1.68 W / 20 A (25 A)*
In combination	24 °C	1.68 W / 20 A (25 A)*

*) ETA circuit breakers 1180
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 25 A fuse can be loaded to a maximum 20 A

Fuse cartridges and gauge rings for Weidmüller fuse terminal blocks

Fuse cartridges

for terminal type:
PSI 6/10
WSI 4
WSI 6
AFS 4 2C BK
PSI 6/10 SW
ZSI 2.5
ZSI 2.5-2/2X2AN/G20
ZSI 6-2 2X2.5/G20
KDKS 1/35 DB



Ordering data

G-type fuse cartridges 5 x 20 without indicator in accordance with IEC 60127-2 (VDE 0820 T.2 B1) ¹⁾						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
	0.1	quick-acting	G 20/0.10A/F	10	0430300000	
	0.2	quick-acting	G 20/0.20A/F	10	0430400000	
Cartridge fuse	G-Si. 5 x 20	0.25	quick-acting	G 20/0.25A/F	10	0430500000
Rated breaking capacity	1.5 kA	0.5	quick-acting	G 20/0.50A/F	10	0430600000
	0.63	quick-acting	G 20/0.63A/F	10	0439000000	
	1	quick-acting	G 20/1.00A/F	10	0430700000	
	1.6	quick-acting	G 20/1.60A/F	10	0430800000	
	2	quick-acting	G 20/2.00A/F	10	0430900000	
	2.5	quick-acting	G 20/2.50A/F	10	0431000000	
	3.15	quick-acting	G 20/3.15A/F	10	0431100000	
	4	quick-acting	G 20/4.00A/F	10	0431200000	
	5	quick-acting	G 20/5.00A/F	10	0431300000	
	6.3	quick-acting	G 20/6.30A/F	10	0431400000	

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

for terminal type:
WSI 6



Ordering data

G-type fuse cartridges 5 x 25 with code in acc. with DIN 41576 ¹⁾						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
	0.25	medium time-lag	G 25/0.25A/M GE	10	0546900000	
	0.5	medium time-lag	G 25/0.50A/M WS	10	0510300000	
Cartridge fuse	G-Si. 5 x 25	0.8	medium time-lag	G 25/0.80A/M GR	10	0646400000
Rated breaking capacity	80 A	1	medium time-lag	G 25/1.00A/M RT	10	0265800000
	2	quick-acting	G 25/2.00A/F BL	10	0192700000	
	4	quick-acting	G 25/4.00A/F BR	10	0192800000	
	6.3	quick-acting	G 25/6.30A/F GN	10	0192900000	
	10	medium time-lag	G 25/10.0A/M RT	10	0193100000	

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

for terminal type:
WSI 4/2
WSI 6/2 GZ/DEF63



Ordering data

Fuse cartridges 1¼" x ¼" without indicator in acc. with BS 88						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
	0.5	quick-acting	GZ 0.5A/F	10	1460580000	
	1	quick-acting	GZ 1.0A/F	10	1460590000	
Cartridge fuse	G-Si. 6.3 x 32	2	quick-acting	GZ 2.0A/F	10	1460600000
Rated breaking capacity	50 kA	3	quick-acting	GZ 3.0A/F	10	1460610000
	5	quick-acting	GZ 5.0A/F	10	1460620000	
	7	quick-acting	GZ 7.0A/F	10	1460630000	
	10	quick-acting	GZ 10.0A/F	10	1460640000	
	12.5	quick-acting	GZ 12.5A/F	10	1460650000	

(M) = medium time-lag; (F) = quick-acting

Note: 1) The company SIBA supplies G-type cartridge fuses, 5 x 25 with indicator, also in marine engineering version for 450 V-.



Spring connection with tension clamp technology (Z-Series)

Test-disconnect terminal blocks

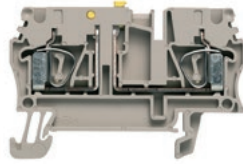
Universal range

A

ZTR 2.5

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 59.5 x 38.5
20 / 4
0.05...4



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

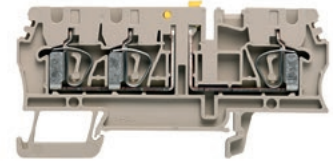
Accessories

Plug-in cross-connection	
	2-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Test adapter	
	Standard
	With spigot
Disconnect plug	
	removable, as replacement for release lever
Marking tags	
For detailed information on other accessories and application in the online catalogue	

ZTR 2.5/3AN

2.5 mm²

Three connections



5.1 x 79.5 x 38.5
20 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
20	20	20	
2.5	AWG 30...12	AWG 30...12	
	6 kV / 3		
	A3 / V-0		

CE

Rated connection	
	0.5...4 / 0.5...4
	0.5...4 / 0.5...2.5
	10 / 0.6 x 3.5 mm
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
20	20	20	
2.5	AWG 30...12	AWG 30...12	
	6 kV / 3		
	A3 / V-0		

CE

Rated connection	
	0.5...4 / 0.5...4
	0.5...4 / 0.5...2.5
	10 / 0.6 x 3.5 mm
Note	

Type	Qty.	Order No.
ZTR 2.5	50	1831280000
ZTR 2.5 BL	50	8731710000
Note		

Type	Qty.	Order No.
ZTR 2.5/3AN	50	8731720000
ZTR 2.5/3AN BL	50	8731730000
Note		

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 1	50	1608740000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
PS 2.3 RT	20 mA 20	0180400000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000
Note		

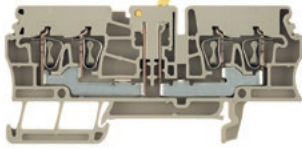
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 3	50	1608800000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
PS 2.3 RT	20 mA 20	0180400000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000
Note		



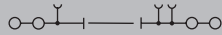
ZTR 2.5/4AN

2.5 mm²

Four connections



5.1 x 82.5 x 38.5
16 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 30...12	AWG 26...12	
6 kV / 3			
A2 / V-0			



Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZTR 2.5/4AN	50	7920900000
ZTR 2.5/4AN BL	50	7920930000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 3	50	1608800000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
PS 2.3 RT	20 mA 20	0180400000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

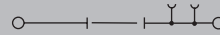
ZTR 2.5-2

2.5 mm²

Two connections



5.1 x 50.5 x 43.5
21 / 2.5
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

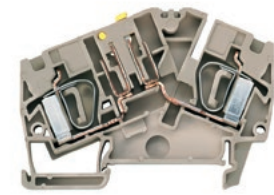
Type	Qty.	Order No.
ZTR 2.5-2	50	1779010000
ZTR 2.5-2 BL	50	1779120000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZTR 6-2

6 mm²

Two connections



8.1 x 70 x 50
32 / 10
0.05...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	300		
32	25		
6	AWG 22...8		
8 kV / 3			
A5 / V-0			



Rated connection

0.5...10 / 0.5...6
0.5...6 / 0.5...6
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZTR 6-2	50	1023830000

End plate (article: 1771440000 ZAP ZDU6-2) included.

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
SDIS 0.6X3.5X100	1	2749810000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

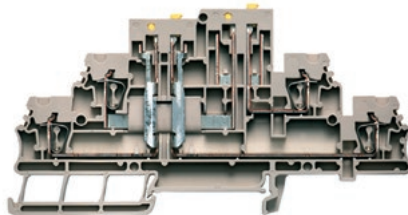
Spring connection with tension clamp technology (Z-Series)

Test-disconnect terminal blocks

ZDTR 2.5

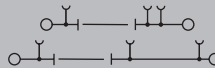
2.5 mm²

Four connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 117 x 67
16 / 4
0.13...4



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			

CE, RoHS, REACH, UKCA

Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	dark beige
	Blue

Note

Type	Qty.	Order No.
ZDTR 2.5	20	1745400000
ZDTR 2.5 BL	20	1798330000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Testing / Checking	Test plug
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AP ZDTR2.5	20	1745420000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
PS 2.3 RT	20 mA 20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue



**Spring connection with tension clamp technology (Z-Series)
Pluggable terminal blocks**

Universal range

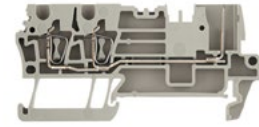
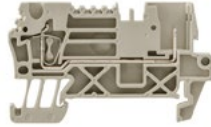
A

ZT 2.5/2AN/1

2.5 mm²

ZT 2.5/3AN/1

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 58 x 34.5
24 / 4
0.13...4

5.1 x 71.5 x 34.5
24 / 4
0.13...4

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
6 kV / 3 A2 / V-0			
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
6 kV / 3 A2 / V-0			
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

	dark beige
	Blue
Plug-in connector	
Note	

Type	Qty.	Order No.
ZT 2.5/2AN/1	50	1815070000
ZT 2.5/2AN/1 BL	50	1295550000
Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000
Note		

Type	Qty.	Order No.
ZT 2.5/3AN/1	50	1815090000
ZT 2.5/3AN/1 BL	50	1304720000
Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000
Note		

Accessories

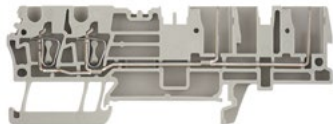
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Orange
Test adapter	
	Standard
	With spigot
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZAP/TW ZT2.5/2AN	50	1816030000
ZAP/TW ZT2.5/2AN OR	50	1816040000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
WS 10/5 MC M SDR	144	1792010000
WS 8/5 MM WS	800	2007150000
Note		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZAP/TW ZT2.5/3AN	50	1816050000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC M SDR	144	1792010000
WS 8/5 MM WS	800	2007150000
Note		

ZT 2.5/4AN/2

2.5 mm²



5.1 x 93 x 34.5
24 / 4
0.13...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		



Rated connection Plug-in connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

ZT 2.5/4AN/4

2.5 mm²



5.1 x 85.5 x 34.5
24 / 4
0.13...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	/ V-0		



Rated connection Plug-in connection

Type	Qty.	Order No.
ZT 2.5/4AN/2	50	1815110000

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

ZAP/TW ZT2.5/4AN/2	50	1816070000
ZAP/TW ZT2.5/4AN/2 OR	50	1816080000

ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000

ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000

SDIS SLIM 0.6X3.5X100	1	2749610000
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DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC M SDR	144	1792010000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZT 2.5/4AN/4	50	1815130000

Type	Qty.	Order No.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

ZAP/TW ZT2.5/4AN/4	50	1816090000
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ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000

ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000

SDIS SLIM 0.6X3.5X100	1	2749610000
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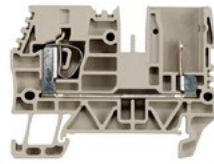
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000



Spring connection with tension clamp technology (Z-Series)
Pluggable terminal blocks

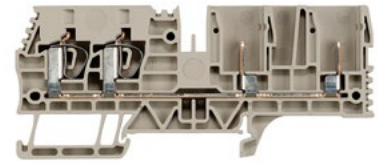
ZT 4/2AN/1

4 mm²



ZT 4/4AN/2

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.5 x 58 x 43
32 / 6
0.13...6

6.5 x 100.5 x 43
32 / 6
0.13...6

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
800			
32	28	28	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			
Rated connection		Plug-in connection	
0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			
Note			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
800			
32	28	28	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			
Rated connection		Plug-in connection	
0.5...6			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			
Note			

Ordering data

	dark beige
	Blue
Plug-in connector	
Note	

Type	Qty.	Order No.
ZT 4/2AN/1	50	1854960000
ZT 4/2AN/1 BL	50	1312830000
Type	Qty.	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	1855070000
Note		

Type	Qty.	Order No.
ZT 4/4AN/2	50	1848350000
Type	Qty.	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	1855070000
Note		

Accessories

Plug-in cross-connection	2-pole
End plate / Partition plate	dark beige Orange
Miscellaneous accessories WeiCoS	
Locking element	
Coding element	
Strain relief	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP/TW ZT4/2AN	50	1855220000
ZAP/TW ZT4/2AN OR	50	1855230000
ZVR ZP4	25	1855250000
KOSF ZT4	50	1856860000
ZZE ZP4	25	1855260000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
WS 10/6 MC NE WS	600	1828450000
DEK 5/6 MM WS	600	2007120000
Note		

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP/TW ZT4/4AN/2	50	1848360000
ZVR ZP4	25	1855250000
KOSF ZT4	50	1856860000
ZZE ZP4	25	1855260000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
WS 10/6 MC NE WS	600	1828450000
DEK 5/6 MM WS	600	2007120000
Note		

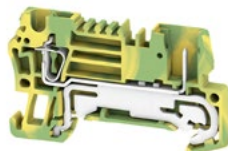
For detailed information on other accessories and application in the online catalogue

ZTPE 2.5/2AN/1

2.5 mm²

ZTPE 2.5/3AN/1

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 58 x 34.5	/ 4	
0.13...4		

5.1 x 71.5 x 34.5	/ 4	
0.13...4		

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated short-time current	
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm ²)			
2.5	AWG 26...12		
		/ 3	
		A2 / V-0	
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm ²)			
2.5	AWG 26...12		
		/ 3	
		A2 / V-0	
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZTPE 2.5/2AN/1	50	1815080000

Type	Qty.	Order No.
ZTPE 2.5/3AN/1	50	1815100000

Accessories

End plate / Partition plate	
	dark beige
	Orange
Test adapter	
	Standard
	With spigot
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.	
ZAP/TW ZT2.5/2AN	50	1816030000	
ZAP/TW ZT2.5/2AN OR	50	1816040000	
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
ZVR ZP2.5	25	1816130000	
KOSF ZT2.5	50	1816150000	
ZZE ZP2.5	25	1816140000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 10/5 MC NE WS	720	1635000000	
WS 8/5 MM WS	800	2007150000	

Type	Qty.	Order No.	
ZAP/TW ZT2.5/3AN	50	1816050000	
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
ZVR ZP2.5	25	1816130000	
KOSF ZT2.5	50	1816150000	
ZZE ZP2.5	25	1816140000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 10/5 MC NE WS	720	1635000000	
WS 8/5 MM WS	800	2007150000	

For detailed information on other accessories and application in the online catalogue

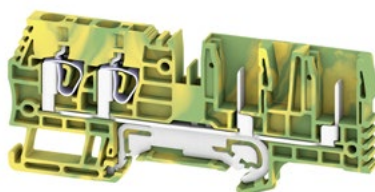


Spring connection with tension clamp technology (Z-Series)

Pluggable terminal blocks

ZTPE 2.5/4AN/2

2.5 mm²



ZTPE 2.5/4AN/4

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 93 x 34.5	
/ 4	
0.13...4	

5.1 x 85.5 x 34.5	
/ 4	
0.13...4	

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated short-time current	
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm ²)			
2.5	AWG 26...12		
		/ 3	
		A2 / V-0	

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm ²)			
2.5	AWG 26...12		
		/ 3	
		A2 / V-0	

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZTPE 2.5/4AN/2	50	1815120000

Type	Qty.	Order No.
ZTPE 2.5/4AN/4	50	1815140000

Accessories

End plate / Partition plate	
	dark beige
	Orange
Test adapter	
	Standard
	With spigot
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.	
ZAP/TW ZT2.5/4AN/2	50	1816070000	
ZAP/TW ZT2.5/4AN/2 OR	50	1816080000	
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
ZVR ZP2.5	25	1816130000	
KOSF ZT2.5	50	1816150000	
ZZE ZP2.5	25	1816140000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 10/5 MC NE WS	720	1635000000	
WS 8/5 MM WS	800	2007150000	

Type	Qty.	Order No.	
ZAP/TW ZT2.5/4AN/4	50	1816090000	
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
ZVR ZP2.5	25	1816130000	
KOSF ZT2.5	50	1816150000	
ZZE ZP2.5	25	1816140000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 10/5 MC NE WS	720	1635000000	
WS 8/5 MM WS	800	2007150000	

For detailed information on other accessories and application in the online catalogue

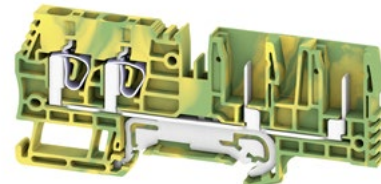
For detailed information on other accessories and application in the online catalogue

ZTPE 4/2AN/1

4 mm²

ZTPE 4/4AN/2

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.5 x 58 x 43
/ 6
0.13...6

6.5 x 100.5 x 43
/ 6
0.13...6

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated short-time current	
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			
800			
480 (4 mm ²)			
4	AWG 26...10	AWG 26...10	
		/ 3	
		A3 / V-0	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			
800			
480 (4 mm ²)			
4	AWG 26...10	AWG 26...10	
		/ 3	
		A3 / V-0	



Rated connection	Plug-in connection
0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	



Rated connection	Plug-in connection
0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZTPE 4/2AN/1	50	1854970000

Type	Qty.	Order No.
ZTPE 4/4AN/2	50	1848330000

Accessories

End plate / Partition plate	
	dark beige
	Orange
Test adapter	
	Standard
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking tags	
DIN A4 sheets	
	Paper
Protective strip	

Type	Qty.	Order No.	
ZAP/TW ZT4/2AN	50	1855220000	
ZAP/TW ZT4/2AN OR	50	1855230000	
ZTA ZT2.5	17.5 A	25	1827080000
ZVR ZP4	25	1855250000	
KOSF ZT4	50	1856860000	
ZZE ZP4	25	1855260000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
DEK 5/6 MC NE WS	1000	1609820000	
WS 10/6 MC NE WS	600	1828450000	
DEK 5/6 MM WS	600	2007120000	
ESO 7 DIN A4 WS	10	1607720000	
STR 7 F.SCHT 7	20	0515300000	

Type	Qty.	Order No.	
ZAP/TW ZT4/4AN/2	50	1848360000	
ZTA ZT2.5	17.5 A	25	1827080000
ZVR ZP4	25	1855250000	
KOSF ZT4	50	1856860000	
ZZE ZP4	25	1855260000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
DEK 5/6 MC NE WS	1000	1609820000	
WS 10/6 MC NE WS	600	1828450000	
DEK 5/6 MM WS	600	2007120000	
ESO 7 DIN A4 WS	10	1607720000	
STR 7 F.SCHT 7	20	0515300000	

For detailed information on other accessories and application in the online catalogue



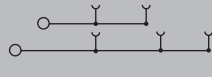
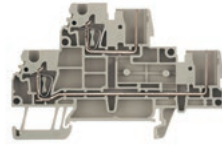
**Spring connection with tension clamp technology (Z-Series)
Pluggable terminal blocks**

Universal range

A

ZDT 2.5/2

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 80.5 x 52
24 / 4
0.13...4

IEC 61984, In accordance with IEC 60947-7-1

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		

Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

Ordering data

	dark beige
	Blue

Plug-in connector

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Note

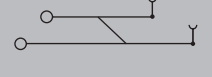
Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
Test adapter	
	Standard
	With spigot
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
	Screwdriver PH2
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDT 2.5/2 V

2.5 mm²



5.1 x 80.5 x 52
24 / 4
0.13...4

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
690			
24			
2.5			
	6 kV / 3		
	A2 / V-0		

Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

Ordering data

	dark beige
	Blue

Plug-in connector

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Note

Accessories

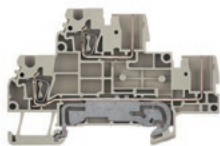
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
Test adapter	
	Standard
	With spigot
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
	Screwdriver PH2
Marking tags	

For detailed information on other accessories and application in the online catalogue

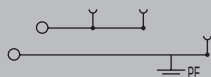
ZQV 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDT 2.5/2 DU-PE

2.5 mm²



5.1 x 80.5 x 52
24 / 4
0.13...4



IEC 61984, In accordance with IEC
60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		



Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZDT 2.5/2 DU-PE	50	1815160000

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZAP/TW ZDT2.5/2	50	1816110000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

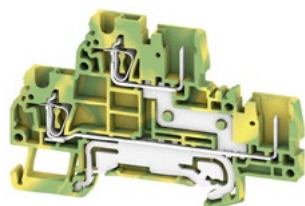


Spring connection with tension clamp technology (Z-Series)

Pluggable terminal blocks

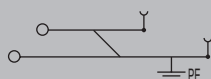
ZDT 2.5/2 PE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 80.5 x 52
/ 4
0.13...4



IEC 61984, In accordance with IEC 60947-7-1

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated short-time current	
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm ²)			
2.5	AWG 26...12		
		/ 3	
		A2 / V-0	



Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZDT 2.5/2 PE	50	1815170000

Accessories

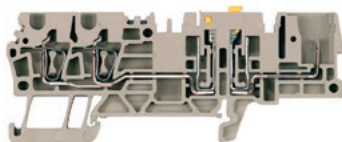
End plate / Partition plate	dark beige
Test adapter	Standard With spigot
Miscellaneous accessories WeiCoS	Locking element Coding element Strain relief
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
ZAP/TW ZDT2.5/2	50	1816110000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZTTR 2.5

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 87 x 36
18 / 4
0.13...4

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	
16	16	16	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			

CE

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
ZTTR 2.5	50	1865510000

Accessories

Plug-in cross-connection	2-pole
	10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Testing / Checking	Test plug
Holder for cartridge fuse 5 x 20 mm	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	without fittings
	with wire jumper With 1N4007 diode
Disconnect plug	removable, as replacement for release lever
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZAP/TW ZTTR2.5	50	1865520000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
PS 2.3 RT	20 mA 20	0180400000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)

Pluggable terminal blocks

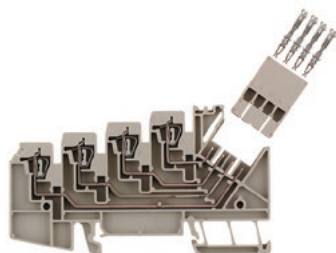
Universal range

A

ZRV 1.5

1.5 mm²

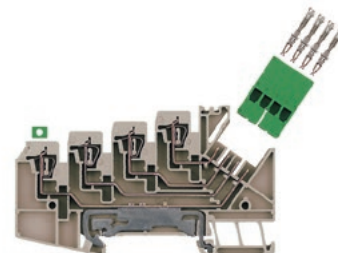
Base terminal - plug



ZRV 1,5/PE

1.5 mm²

Base terminal - plug



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 89.5 x 52	
/ 2.5	
0.13...2.5	

5.1 x 89.5 x 52	
/ 2.5	
0.13...2.5	

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
63	150		
4	10		
1.5	AWG 26...14		
		1.5 kV / 3	
		A1 / V-0	

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
63	150		
4	10		
1.5	AWG 26...14		
		1.5 kV / 3	
		A1 / V-0	

Rated connection		Plug-in connection	
0.5...2.5			
0.5...2.5 / 0.5...1.5			
8 / 0.6 x 3.5 mm			

Rated connection		Plug-in connection	
0.5...2.5			
0.5...2.5 / 0.5...1.5			
8 / 0.6 x 3.5 mm			

Note

Ordering data

Version	
	Base terminal
Note	

Type	Qty.	Order No.
ZRV 1.5	50	1698160000

Type	Qty.	Order No.
ZRV 1.5/PE	50	1698170000

Accessories

Plug-in cross-connection	2-pole
	10-pole
STGH plug housing	With spigot
	Without peg
Crimping contact	Reel packaged
	Reel packaged
	Reel packaged
	Single contacts
	Single contacts
Test adapter	Single contacts
	Plug housing black
	Black plug housing
End plate / Partition plate	beige Wemid
	dark brown
Locking elements	
Tools	Pressing tool
	Mounting tool
Marking tags	

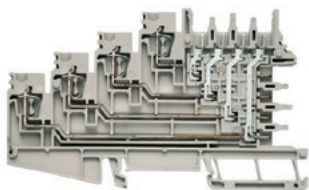
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
STGH 4 ZRV1.5	4 A 50	1698190000
DFFC .5-1.0 ZRV1.5	500	1705320000
DFFC 0.2-0.35 ZRV1.5	500	1705310000
AP ZRV1.5 DB	10	1698180000
HTF ZRV	1	9014840000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
STGH 4 ZRV1.5/PE GN	4 A 50	1698200000
DFFC .5-1.0 ZRV1.5	500	1705320000
DFFC 0.2-0.35 ZRV1.5	500	1705310000
AP ZRV1.5 DB	10	1698180000
HTF ZRV	1	9014840000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

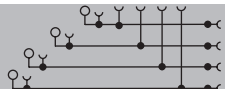
For detailed information on other accessories and application in the online catalogue

ZRV 2.5/2

2.5 mm²



5.2 x 115 x 69.5
10 / 4
0.21...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
2.5	AWG 24...14	AWG 26...14	
4 kV / 3 A2 / V-0			



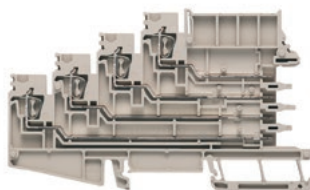
Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZRV 2.5/2	50	1906970000

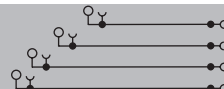
Type	Qty.	Order No.	
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
STGH ZRV2.5	50	1907000000	
STGH 0.ZA ZRV2.5	50	1907010000	
FEKO ZRV2.5 0.2-0.35	5000	1854750000	
FEKO ZRV2.5 0.5-1	5000	1854760000	
FEKO ZRV2.5 1.5-2.5	4200	1848480000	
FEKO ET ZRV2.5 0.5-1	500	1893970000	
FEKO ET ZRV2.5 1.5-2.5	500	1893990000	
STGH 0.R/SW ZRV2.5	25	1898420000	
STGH 0.ZA/O.R/SW ZRV2.5	25	1898430000	
AP ZRV2.5	10	1906980000	
HTF AFK 2.5	1	9201040000	
REMOVAL TOOL AFK	1	1866760000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/5 MC NE WS	720	1609860000	

ZRV 2.5/1

2.5 mm²



5.2 x 115 x 69.5
/ 4
0.5...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
10	10		
2.5	AWG 24...14		
4 kV / 3 /V-0			



Rated connection	Plug-in connection
0.5...4	
0.5...2.5 2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZRV 2.5/1	50	1906960000

Type	Qty.	Order No.	
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
STGH ZRV2.5	50	1907000000	
STGH 0.ZA ZRV2.5	50	1907010000	
FEKO ZRV2.5 0.2-0.35	5000	1854750000	
FEKO ZRV2.5 0.5-1	5000	1854760000	
FEKO ZRV2.5 1.5-2.5	4200	1848480000	
FEKO ET ZRV2.5 0.5-1	500	1893970000	
FEKO ET ZRV2.5 1.5-2.5	500	1893990000	
STGH 0.R/SW ZRV2.5	25	1898420000	
STGH 0.ZA/O.R/SW ZRV2.5	25	1898430000	
AP ZRV2.5	10	1906980000	
VREL 8 ZRV2.5/4	10	1167910000	
HTF AFK 2.5	1	9201040000	
REMOVAL TOOL AFK	1	1866760000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/5 MC NE WS	720	1609860000	



Spring connection with tension clamp technology (Z-Series)
Pluggable terminal blocks

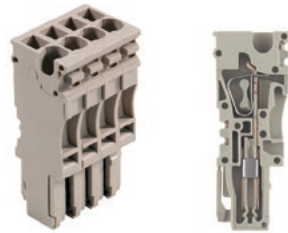
Universal range

A

ZP 2.5/1AN

2.5 mm²

2...17-pole

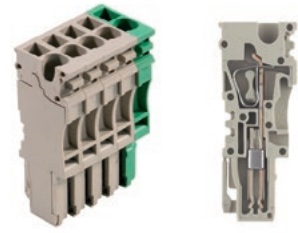


ZP 2.5/1AN/GN/BE

2.5 mm²

2 to 17-pole

Connectors each with one green pole



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 16.5 x 41
24 / 4
0.13...4

51 x 16 x 41
24 / 4
0.13...4

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
6 kV / 3			
A2 / V-0			
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
6 kV /			
A2 / V-0			
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
11-pole	
12-pole	
13-pole	
14-pole	
15-pole	
16-pole	
17-pole	
1-pole (green)	
Note	

Type	Qty.	Order No.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000
ZP 2.5/1AN/11	20	1815570000
ZP 2.5/1AN/12	20	1815580000
ZP 2.5/1AN/13	10	1815590000
ZP 2.5/1AN/14	10	1815600000
ZP 2.5/1AN/15	10	1815610000
ZP 2.5/1AN/16	10	1815620000
ZP 2.5/1AN/17	10	1815180000
ZP 2.5/1AN/1 GN	50	1820580000
Note		

Type	Qty.	Order No.
ZP 2.5/1AN/2 GN/BE	25	1867090000
ZP 2.5/1AN/3 GN/BE	25	1867100000
ZP 2.5/1AN/4 GN/BE	25	1867110000
ZP 2.5/1AN/5 GN/BE	25	1867120000
ZP 2.5/1AN/6 GN/BE	25	1867130000
ZP 2.5/1AN/7 GN/BE	25	1867140000
ZP 2.5/1AN/8 GN/BE	20	1867150000
ZP 2.5/1AN/9 GN/BE	20	1867160000
ZP 2.5/1AN/10 GN/BE	20	1867170000
ZP 2.5/1AN/11 GN/BE	20	1867180000
ZP 2.5/1AN/12 GN/BE	20	1867190000
ZP 2.5/1AN/13 GN/BE	10	1867200000
ZP 2.5/1AN/14 GN/BE	10	1867210000
ZP 2.5/1AN/15 GN/BE	10	1867220000
ZP 2.5/1AN/17 GN/BE	10	1867240000
Note		

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
Test adapter	
Standard	
Screwdriver	
Standard	
Protective strip	
DIN A4 sheets	
Paper	
Marking tags	
For detailed information on other accessories and application in the online catalogue	

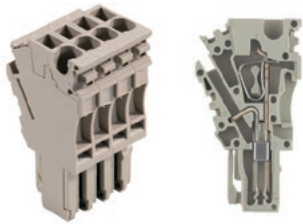
Type	Qty.	Order No.
ZTA ZT2.5	17.5 A 25	1827080000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000
Note		

Type	Qty.	Order No.
ZTA ZT2.5	17.5 A 25	1827080000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000
Note		

ZP 2.5/1AN/QV

2.5 mm²

1...17-pole



5.1 x 23 x 41
24 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV /		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

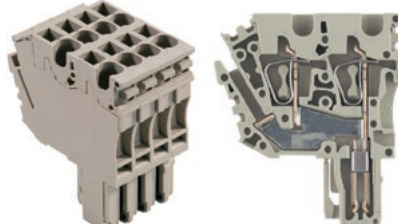
Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000
ZP 2.5/1AN/QV/11	20	1815290000
ZP 2.5/1AN/QV/12	20	1815300000
ZP 2.5/1AN/QV/13	10	1815310000
ZP 2.5/1AN/QV/14	10	1815320000
ZP 2.5/1AN/QV/15	10	1815330000
ZP 2.5/1AN/QV/16	10	1815340000
ZP 2.5/1AN/QV/17	10	1815350000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZTA ZT2.5	17.5 A 25	1827080000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

ZP 2.5/2AN/QV

2.5 mm²

1...16-pole



5.1 x 23 x 41
24 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZP 2.5/2AN/QV/1	50	1815730000
ZP 2.5/2AN/QV/2	20	1815740000
ZP 2.5/2AN/QV/3	20	1815750000
ZP 2.5/2AN/QV/4	20	1815760000
ZP 2.5/2AN/QV/5	20	1815770000
ZP 2.5/2AN/QV/6	20	1815780000
ZP 2.5/2AN/QV/7	20	1815790000
ZP 2.5/2AN/QV/8	10	1815800000
ZP 2.5/2AN/QV/9	10	1815810000
ZP 2.5/2AN/QV/10	10	1815820000
ZP 2.5/2AN/QV/11	10	1815830000
ZP 2.5/2AN/QV/12	10	1815840000
ZP 2.5/2AN/QV/15	5	1815870000
ZP 2.5/2AN/QV/16	5	1815880000
ZP 2.5/2AN/QV/1 GN	50	1820590000

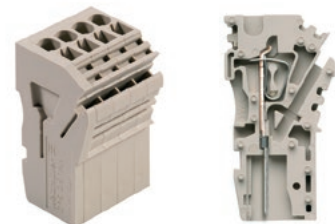
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZTA ZT2.5	17.5 A 25	1827080000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

ZPS 2.5/1AN/QV

2.5 mm²

2 to 16-pole

Connectors each with one green pole



7.6 x 22.55 x 42
24 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	24	20	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.13...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZPS 2.5/1AN/QV/1	50	1865880000
ZPS 2.5/1AN/QV/2	20	1865900000
ZPS 2.5/1AN/QV/3	20	1865910000
ZPS 2.5/1AN/QV/4	20	1865920000
ZPS 2.5/1AN/QV/5	20	1865930000
ZPS 2.5/1AN/QV/6	25	1865940000
ZPS 2.5/1AN/QV/7	20	1865950000
ZPS 2.5/1AN/QV/8	10	1865960000
ZPS 2.5/1AN/QV/9	10	1865970000
ZPS 2.5/1AN/QV/10	10	1865980000
ZPS 2.5/1AN/QV/12	10	1866000000
ZPS 2.5/1AN/QV/14	10	1866020000
ZPS 2.5/1AN/QV/15	10	1866030000
ZPS 2.5/1AN/QV/16	10	1866040000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZTA ZT2.5	17.5 A 25	1827080000
SDIS SLIM 0.6X3.5X100	1	2749610000
STR 7 F.SCHT 7	20	0515300000
ESO 7 DIN A4 WS	10	1607720000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000
ZGB 30	20	1611930000

Spring connection with tension clamp technology (Z-Series)

Pluggable terminal blocks

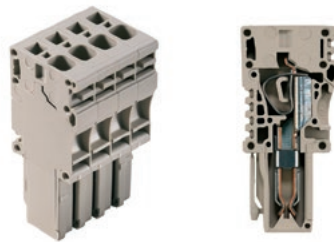
Universal range

A

ZP 4/1AN

4 mm²

1...16-pole



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.5 x 22.5 x 47.5

32 / 6

0.13...6

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
11-pole	
12-pole	
13-pole	
14-pole	
15-pole	
16-pole	
17-pole	
1-pole (green)	

Note

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
Test adapter	
Standard	
Screwdriver	
Standard	
Protective strip	
DIN A4 sheets	
Paper	
Marking tags	

For detailed information on other accessories and application in the online catalogue

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	28	28	
4	AWG 26...10	AWG 26...10	
		8 kV / 3	
		A3 / V-0	

CE

Rated connection	Plug-in connection
0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	1855070000
ZP 4/1AN/11	20	1855080000
ZP 4/1AN/12	10	1855090000
ZP 4/1AN/13	10	1855100000
ZP 4/1AN/14	10	1855110000
ZP 4/1AN/1 GN	50	1854980000

Type	Qty.	Order No.
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/6 MC NE WS	600	1828450000



**Spring connection with tension clamp technology (Z-Series)
Pluggable terminal blocks – WeiCoS accessories**

Single plates for individual assembly

The WeiCoS individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).

A

WeiCoS plug

- Marking option

ZP 2.5/1AN ZA

End plate



Type	Qty.	Order No.
ZP 2.5/1AN ZA	50	1875190000
ZP 2.5/1AN ZA BL	50	1009070000
ZP 2.5/1AN ZA GN	50	1875200000
ZP 4/1AN ZA	50	1051940000
ZP 4/1AN ZA BL	50	1356790000
ZP 4/1AN ZA GN	50	1051950000

ZP 2.5/1AN ZA O.RA

Middle plate or end plate



Type	Qty.	Order No.
ZP 2.5/1AN ZA O.RA	50	1875210000
ZP 2.5/1AN ZA O.RA BL	50	1972980000
ZP 2.5/1AN ZA O.RA GN	50	1875220000
ZP 4/1AN ZA O.RA	50	1051910000
ZP 4/1AN ZA O.RA BL	50	2449680000
ZP 4/1AN ZA O.RA GN	50	1051920000

ZP 2.5/1AN

Start plate



Type	Qty.	Order No.
ZP 2.5/1AN	50	1875150000
ZP 2.5/1AN/1 BL	50	1009060000
ZP 2.5/1AN GN	50	1875180000
ZP 4/1AN	50	1051970000
ZP 4/1AN GN	50	1051980000

Ordering data		
2.5 mm ²	Dark beige	
	Blue	
	green	
4.0 mm ²	Dark beige	
	Blue	
	green	
Note		

WeiCoS plug

- Marking option
- Cross-connection option

ZP 2.5/1AN/QV ZA

End plate



Type	Qty.	Order No.
ZP 2.5/1AN/QV ZA	50	1007930000
ZP 2.5/1AN/QV ZA GN	50	1007950000

ZP 2.5/1AN/QV ZA O.RA

Middle plate or end plate



Type	Qty.	Order No.
ZP 2.5/1AN/QV ZA O.RA	50	1007960000
ZP 2.5/1AN/QV ZA O.RA BL	50	1007970000
ZP 2.5/1AN/QV ZA O.RA GN	50	1007980000

ZP 2.5/1AN/QV

Start plate



Type	Qty.	Order No.
ZP 2.5/1AN/QV	50	1007900000
ZP 2.5/1AN/QV GN	50	1007920000

Ordering data		
2.5 mm ²	Dark beige	
	green	
Note		

WeiCoS plug

- Marking option
- Cross-connection option
- 2 cable connection options

ZP 2.5/2AN/QV

End plate



Type	Qty.	Order No.
ZP 2.5/2AN/QV	50	1007810000
ZP 2.5/2AN/QV GN	50	1007830000

ZP 2.5/2AN/QV ZA O.RA

Middle plate or end plate



Type	Qty.	Order No.
ZP 2.5/2AN/QV ZA O.RA	50	1007870000
ZP 2.5/2AN/QV ZA O.RA BL	50	1007880000

Ordering data		
2.5 mm ²	Dark beige	
	green	
Note		

WeiCoS coupling

- Marking option
- Cross-connection option

Ordering data

2.5 mm²

Note

ZPS 2.5/1AN/QV/1

Individual plate



Type	Qty.	Order No.
ZPS 2.5/1AN/QV/1	50	1861040000
ZPS 2.5/1AN/QV/1 GN	50	1861050000

GHDE ZPS2.5/1AN

Cover



Type	Qty.	Order No.
GHDE ZPS2.5/1AN	50	1866070000

Application



Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data

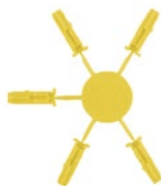
2.5 mm²

4.0 mm²

Note

KOSF ZT

Coding element



Type	Qty.	Order No.
KOSF ZT2.5	50	1816150000
KOSF ZT4	50	1856860000

Application



Interlock

- ZVR ZP to interlock with the terminal block
- ZVR ZPS interlock, plug - socket

Ordering data

2.5 mm²

4.0 mm²

Note

ZVR ZP 2.5

Locking element



Type	Qty.	Order No.
ZVR ZP2.5	25	1816130000
ZVR ZP4	25	1855250000

ZVR ZPS 2.5

Interlock



Type	Qty.	Order No.
ZVR ZPS2.5	20	1878620000

Application ZVR ZP



Strain reliefs / Protective cover

- ZVR ZP a strain relief transmits mechanical forces to the plastic housing and protects the contact point
- ZAD ZT / ZPS Finger protection Protection of the contact point from dirt

Ordering data

2.5 mm²

4.0 mm²

Note

ZZE ZP

Cable grip



Type	Qty.	Order No.
ZZE ZP2.5	25	1816140000
ZZE ZP2.5/4	25	1866220000
ZZE ZP2.5/8	25	1866230000
ZZE ZP4	25	1855260000

ZAD ZT / ZPS

Protective cover

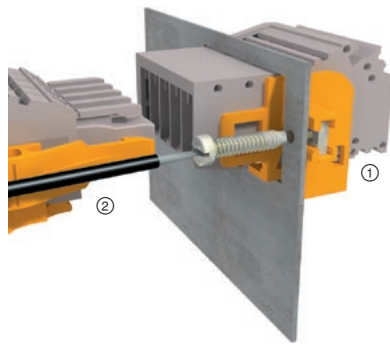
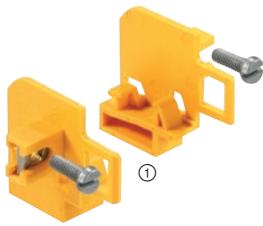


Type	Qty.	Order No.
ZAD ZT/ZPS2.5	25	1861030000

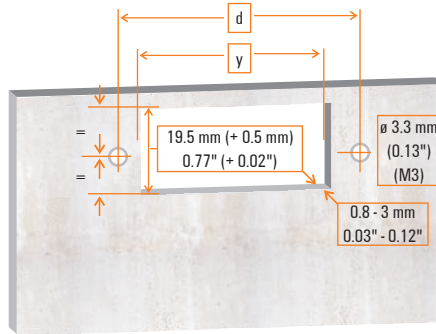
Application ZZE ZP



Screwed through-wall fixing



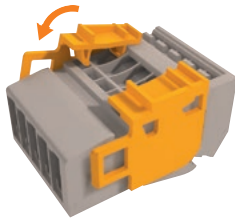
Type	Side	Qty.	Order No.
① ZVLA DF ZPS2.5	Plate	20	1878600000
② ZVR ZPS2.5	Plug	20	1878620000



$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm} \quad y = n \times 0.25" + 0.216"$$

$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm} \quad d = n \times 0.25" + 0.53"$$

Pluggable terminal blocks

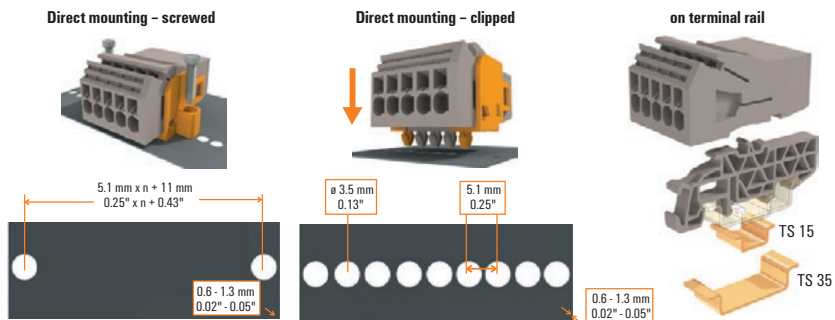


Plug-in connector system with an infinite number of combinations – but always with the same fitting method.

n-pol.	y		d	
	mm	inch(")	mm	inch(")
2-pol.	15.7	0.62	23.7	0.93
3-pol.	20.8	0.82	28.8	1.13
4-pol.	25.9	1.02	33.9	1.33
5-pol.	31.0	1.22	38.9	1.53
6-pol.	36.1	1.42	44.1	1.74
7-pol.	41.2	1.62	49.2	1.94
8-pol.	46.3	1.82	54.3	2.14
9-pol.	51.4	2.02	59.4	2.34
10-pol.	56.5	2.22	64.5	2.55
11-pol.	61.6	2.43	69.6	2.74
12-pol.	66.7	2.63	74.7	2.94
13-pol.	71.8	2.83	79.8	3.14
14-pol.	76.9	3.03	84.9	3.34
15-pol.	82.0	3.23	90.0	3.54
16-pol.	87.1	3.43	95.1	3.74

Spring connection with tension clamp technology (Z-Series)
Pluggable terminal blocks - WeiCoS accessories

Set of fixings - coupling



Direct mounting, screwed

ZVLA SC ZPS 2.5



Ordering data
Note

Type	Qty.	Order No.
ZVLA SC ZPS2.5	20	1866240000

Ordering data
Note

Type	Qty.	Order No.

Direct mounting, plugged

ZVLA RC ZPS 2.5



Ordering data
Note

Type	Qty.	Order No.
ZVLA RC ZPS2.5	20	1866260000

Ordering data
Note

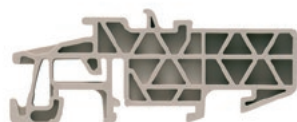
BA RC ZPS 2.5



Type	Qty.	Order No.
BA RC ZPS2.5	25	1908560000

on terminal rail

MOFU 15/35 ZPS 2.5



Ordering data
Note

Type	Qty.	Order No.
MOFU 15/35 ZPS2.5	25	1899170000

Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

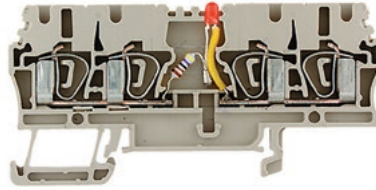
Universal range

A

ZDU 2.5/2x2AN/LD+

2.5 mm²

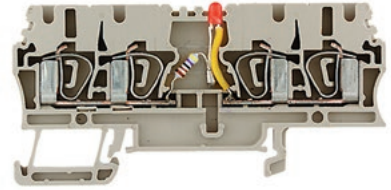
LED indicator



ZDU 2.5/2x2AN/LD-

2.5 mm²

LED indicator



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 79.5 x 38.5	/ 4	
0.05...4		

5.1 x 79.5 x 38.5	/ 4	
0.05...4		

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
24			
0.05			
2.5			
	6 kV / 3		
	A3 / V-0		

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
24			
0.05			
2.5			
	6 kV / 3		
	A3 / V-0		

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Rated connection	
0.5...4	
0.5...4 / 1.5...2.5	
10 / 0.6 x 3.5 mm	

Rated connection	
0.5...4	
0.5...4 / 1.5...2.5	
10 / 0.6 x 3.5 mm	

Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	

Component LED	
Colour	red
Voltage, min.	6V
Voltage, max.	24V
Current	20mA

Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	

Component LED	
Colour	red
Voltage, min.	6V
Voltage, max.	24V
Current	20mA

Component resistor	
Resistance	4.7kOhm
Power loss	0.4W
Tolerance (%)	1%

Component resistor	
Resistance	4.7kOhm
Power loss	0.4W
Tolerance (%)	1%

Component resistor	
Resistance	4.7kOhm
Power loss	0.4W
Tolerance (%)	1%

Note

Note

Note

Ordering data

Version	dark beige
	dark beige (red LED)

Type	Qty.	Order No.
ZDU 2.5/2X2AN/LD+	20	1692590000

Type	Qty.	Order No.
ZDU 2.5/2X2AN/LD-	20	1692600000

Note

Accessories

End plate / Partition plate	dark beige
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Type	Qty.	Order No.
ZAP/TW 3	50	1608800000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000

Reducing sleeves	for conductors < 1.0 mm ² / AWG 18
	for conductors < 0.5 mm ² / AWG 20

Type	Qty.	Order No.
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000

Type	Qty.	Order No.
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000

End bracket	dark beige
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Type	Qty.	Order No.
ZEW 35	20	9540000000

Type	Qty.	Order No.
ZEW 35	20	9540000000

Screwdriver	Standard
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Type	Qty.	Order No.
SDIS SLIM 0.6X3.5X100	1	2749610000

Type	Qty.	Order No.
SDIS SLIM 0.6X3.5X100	1	2749610000

Marking tags	
DEK 5/5 MC NE WS	1000
WS 10/5 MC NE WS	720
WS 8/5 MM WS	800

Type	Qty.	Order No.
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

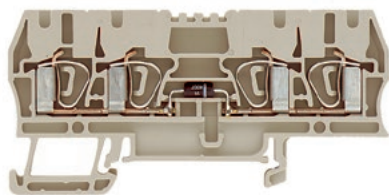
For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

ZDU 2.5/2x2AN/D+

2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5
0.5 / 4
0.5...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
6 kV / 3			
A3 / V-0			
Diode 1N 4007 /			

CE UK

Rated connection

0.5...4
0.5...4 / 1.5...2.5
10 / 0.6 x 3.5 mm

1N4007

1A

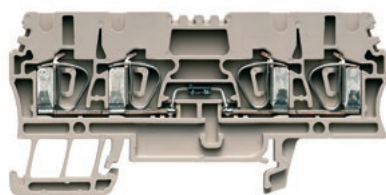
1300V

0.7V

ZDU 2.5/2x2AN/D-

2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5
0.5 / 4
0.5...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
6 kV / 3			
A3 / V-0			
Diode 1N 4007 /			

CE UK

Rated connection

0.5...4
0.5...4 / 1.5...2.5
10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D+	20	1650340000

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D-	20	1650350000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000



Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

Universal range

A

ZDU 2.5-2/D+

2.5 mm²

Diode circuit



ZDU 2.5-2 0.EL

2.5 mm²

Diode circuit



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 43.5	
0.5 / 2.5	
0.05...2.5	

5.1 x 50.5 x 43.5	
0.5 / 2.5	
0.05...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	600	600	
0.5	1	1	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

CE, RoHS, REACH	
Rated connection	
0.5...2.5	
0.5...2.5 / 1.5...1.5	
10 / 0.6 x 3.5 mm	

CE, RoHS, REACH	
Rated connection	
0.5...2.5	
0.5...2.5 / 1.5...1.5	
10 / 0.6 x 3.5 mm	

Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	

1N4007	
1A	
1300V	
0.7V	

Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	
Component resistor	
Resistance	
Power loss	
Tolerance (%)	

Note	
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Ordering data

Version	
dark beige	
dark beige (red LED)	
Orange	
Note	

Type	Qty.	Order No.
ZDU 2.5-2/D+	20	1779110000

Type	Qty.	Order No.
ZDU 2.5-2 0.EL	20	1868870000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
4-pole	
End plate / Partition plate	
Blue	
dark beige	
End bracket	
dark beige	
Screwdriver	
Standard	
Screwdriver PH2	
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

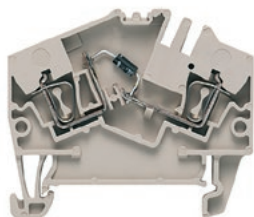
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

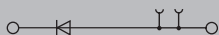
ZDU 2.5-2/D-

2.5 mm²

Diode circuit



5.1 x 50.5 x 43.5
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
0.5	1	1	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			



Rated connection

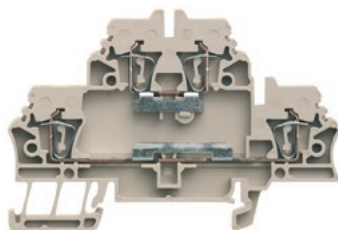
0.5...2.5
0.5...2.5 / 1.5...1.5
10 / 0.6 x 3.5 mm

1N4007
1A
1300V
0.7V

ZDK 2.5 EM

2.5 mm²

Double-level terminal



5.1 x 79.5 x 53
20 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
20	15		
2.5	AWG 26...14		
6 kV / 3			
A2 / V-0			



Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5-2/D-	20	1779000000

Type	Qty.	Order No.
ZDK 2.5 EM	50	1768800000
ZDK 2.5 OR	50	1694140000

Type	Qty.	Order No.	
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW7	50	1706110000	
ZEW 35	20	9540000000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
DEK 5/5 MC NE WS	1000	1609801044	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	

Type	Qty.	Order No.	
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5 BL	20	1748800000	
ZAP/TW ZDK2.5	20	1674730000	
ZEW 35	20	9540000000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/5 MC NE WS	720	1609860000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	

ZQV 2.5/1.5 (1720700000) connects the upper and lower layer.



Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

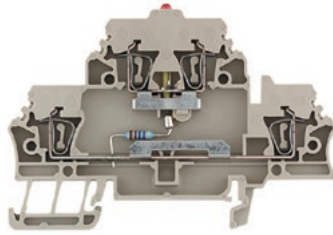
Universal range

A

ZDK 2.5/LD RT/1

2.5 mm²

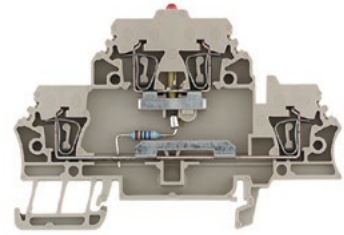
LED circuit



ZDK 2.5/LD RT/2

2.5 mm²

LED circuit



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 79.1 x 53	
10 / 2.5	
0.05...2.5	

5.1 x 79.1 x 53	
10 / 2.5	
0.05...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
24			
10			
2.5	AWG 26...14	AWG 26...12	
/ 3			
A2 / V-0			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
24			
10			
2.5	AWG 26...14	AWG 26...12	
/ 3			
A2 / V-0			

Clamped conductors

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

CE KEMA RUKA			
Rated connection			
0.5...2.5			
0.5...2.5 / 1.5...1.5			
10 / 0.6 x 3.5 mm			

CE KEMA RUKA			
Rated connection			
0.5...2.5			
0.5...2.5 / 1.5...1.5			
10 / 0.6 x 3.5 mm			

Component diode

Type diode	
Forward current	
Reverse voltage	
Forward voltage	

Type diode	
Forward current	
Reverse voltage	
Forward voltage	

Type diode	
Forward current	
Reverse voltage	
Forward voltage	

Component LED

Colour	red
Voltage, min.	6V
Voltage, max.	24V
Current	20mA

Colour	red
Voltage, min.	6V
Voltage, max.	24V
Current	20mA

Colour	red
Voltage, min.	6V
Voltage, max.	24V
Current	20mA

Component resistor

Resistance	4.7kOhm
Power loss	0.4W
Tolerance (%)	1%

Resistance	4.7kOhm
Power loss	0.4W
Tolerance (%)	1%

Resistance	4.7kOhm
Power loss	0.4W
Tolerance (%)	1%

Note

Ordering data

Version	
	dark beige
	dark beige (red LED)
	Orange
Note	

Type	Qty.	Order No.
ZDK 2.5/LD RT/1	50	1690010000
Note		

Type	Qty.	Order No.
ZDK 2.5/LD RT/2	50	1693940000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	4-pole

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000

End plate / Partition plate

	Blue
	dark beige

ZAP/TW ZDK2.5	20	1674730000
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ZAP/TW ZDK2.5	20	1674730000
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End bracket

	dark beige
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ZEW 35	20	9540000000
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ZEW 35	20	9540000000
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Screwdriver

	Standard
	Screwdriver PH2

SDIS SLIM 0.6X3.5X100	1	2749610000
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SDIS SLIM 0.6X3.5X100	1	2749610000
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Marking tags

DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

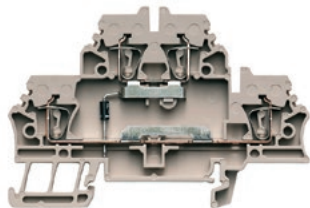
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

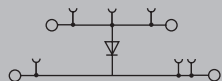
ZDK 2.5/D/1

2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

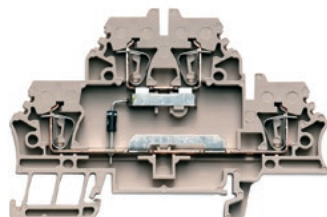
Type	Qty.	Order No.
ZDK 2.5/D/1	50	1690020000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

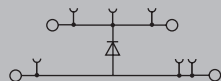
ZDK 2.5/D/2

2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

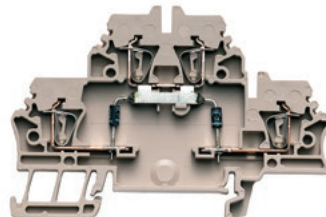
Type	Qty.	Order No.
ZDK 2.5/D/2	50	1690030000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

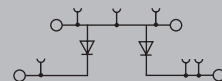
ZDK 2.5/D/4

2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 / Diode 1N 4007			



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

Type	Qty.	Order No.
ZDK 2.5/D/4	50	1690040000

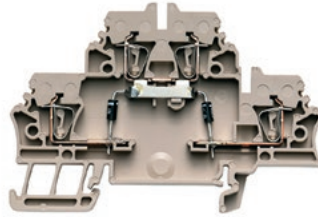
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000



Spring connection with tension clamp technology (Z-Series)
Terminal blocks with electronic components

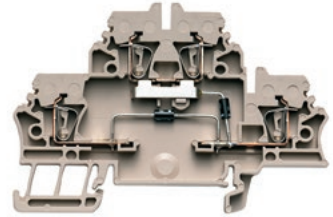
ZDK 2.5/D/5 **2.5 mm²**

Diode circuit

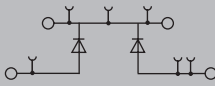


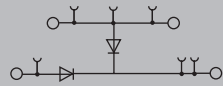
ZDK 2.5/D/6 **2.5 mm²**

Diode circuit



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 79.1 x 53	
0.5 / 2.5	
0.05...2.5	

5.1 x 79.1 x 53	
0.5 / 2.5	
0.05...2.5	


Technical data


Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 / Diode 1N 4007			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 / Diode 1N 4007			

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

	
Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

	
Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	

1N4007	
1A	
1300V	
0.7V	

1N4007	
1A	
1300V	
0.7V	

Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	
Component resistor	
Resistance	
Power loss	
Tolerance (%)	

Note

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Ordering data

Version	
dark beige	
dark beige (red LED)	
Orange	
Note	

Type	Qty.	Order No.
ZDK 2.5/D/5	50	1690050000

Type	Qty.	Order No.
ZDK 2.5/D/6	50	1690060000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
4-pole	
End plate / Partition plate	
Blue	
dark beige	
End bracket	
dark beige	
Screwdriver	
Standard	
Screwdriver PH2	
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

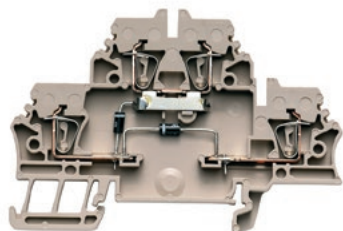
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

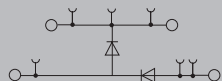
For detailed information on other accessories and application in the online catalogue

ZDK 2.5/D/9

2.5 mm²



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
/ 3			
/ V-0			
Diode /			



Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5

1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDK 2.5/D/9	50	2738140000

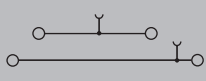
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZDK 4-2 EL

4 mm²



6.1 x 77.6 x 60
32 / 6
0.13...6



IEC	UL	CSA	EN 60079-7
800			
32			
4			
8 kV / 3			
A3 / V-0			



Rated connection
0.5...6
0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 4-2 EL	50	8709760000

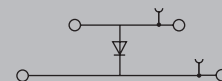
Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

ZDK 4-2/D forward

4 mm²



6.1 x 77.6 x 60
0.5 / 6
0.13...6



IEC	UL	CSA	EN 60079-7
800	600	600	
0.5	1	1	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			
Diode 1N 4007 /			



Rated connection
0.5...6 / 1.5...4
0.5...4
10 / 0.6 x 3.5 mm

1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDK 4-2/D FORWARD	50	8670520000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000



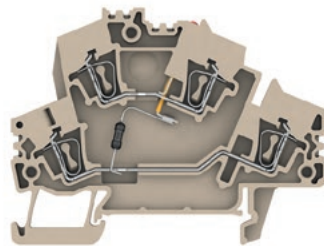
Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

ZDK 2.5-2/LD 24 V UC

2.5 mm²

Diode circuit



Width/Height/Depth	mm
max. current / max. cond. cross-section	mA/mm ²
Max. clamping range	mm ²

5.1 x 72.5 x 53	
20 / 2.5	
0.05...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	

Component LED	
Colour	red
Voltage, min.	6V
Voltage, max.	24V
Current	20mA

Component resistor	
Resistance	4.7kΩ
Power loss	0.4W
Tolerance (%)	1%

Note

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5			
/ 3			
A2 / V-0			
LED red / Resistance 4.7 kΩ			



Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

Ordering data

Version
dark beige
dark beige (red LED)
Orange

Note

Type	Qty.	Order No.
ZDK 2.5-2/LD 24VUC	50	1905310000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
4-pole	

End plate / Partition plate	
Blue	
dark beige	

End bracket	
dark beige	

Screwdriver	
Standard	
Screwdriver PH2	

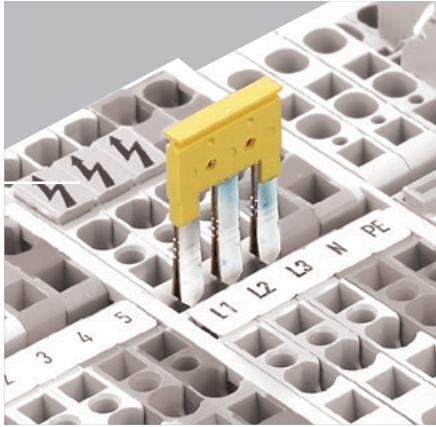
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZEW 35	20	9540000000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue



Pluggable Cross-Connection ZQV



The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and
- **ZQV 2.5N** as 2- to 10-pole combs and
- **ZQV 4** as 2- to 10-pole combs and
- **ZQV 6** as 2- to 4-pole combs and
- **ZQV 10, ZQV 16** and **ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10, ZQV 35-16** and **ZQV 16-10** used as a reducer cross-connector distributes current from terminals with larger cross-connections to terminals with smaller cross-section.

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections. This does not apply to terminals with a rated voltage below 400 V. Here the rated voltage of the used terminal is mandatory.

Breaking out contact elements

If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.



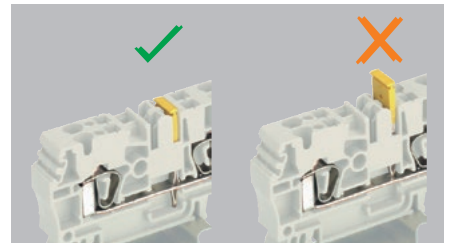
Fitting and changing crossconnections

The fitting and changing of cross-connections is a trouble-free and fast operation:

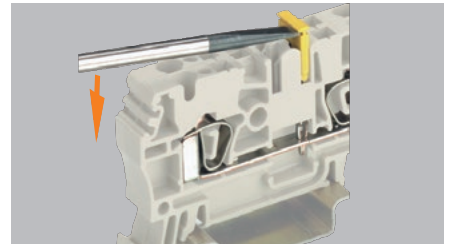
- Insert the cross-connection into the cross-connection channel in the terminal...



... and press it fully home. (The cross-connection may not project from the channel.)

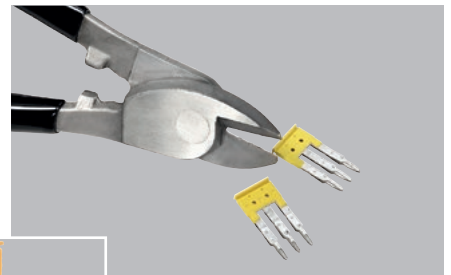


- Remove a cross-connection by simply prising it out with a screwdriver.



Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.



Caution:

Contact elements must not be deformed!

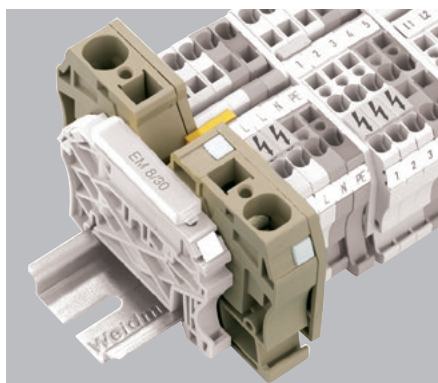


Note:

In the use of manually cut ZQV cross-connections and cross-connections with bare cut edges (>10 poles), the voltage reduces to 25 V.



ZEI 16 supply terminal



The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm². Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

Integrated partition plate



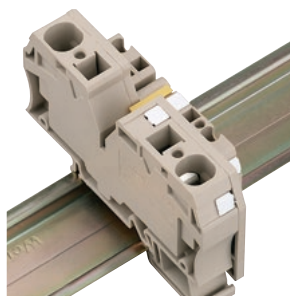
Output possible on left and right



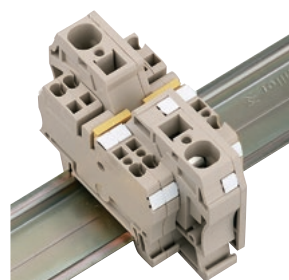
Output options and corresponding cross-connections

Feed terminal	Output terminal	Cross-connection	Supply left	Supply right
ZEI 16	ZDU 2.5	ZQV 2.5	•	•
	ZDU 2.5 3AN	ZQV 2.5	•	•
	ZDU 2.5 4AN	ZQV 2.5	•	•
	ZDU 2.5 N	ZQV 2.5	•	•
	ZDU 2.5 N/3AN	ZQV 2.5	•	•
	ZDU 2.5N /4AN	ZQV 2.5	•	•
	ZDU 4	ZQV 4	•	•
	ZDU 4 3AN	ZQV 4	•	• ¹⁾
	ZDU 4 4AN	ZQV 4	•	• ¹⁾
	ZDU 6	ZQV 6	•	•
	ZDU 6 3AN	ZQV 6	•	•
	ZTR 2.5	ZQV 2.5	• ²⁾	• ²⁾
	ZTR 2.5 3AN	ZQV 2.5	• ²⁾	• ²⁾
	ZTR 2.5 4AN	ZQV 2.5	•	•
Feed terminal	Output terminal	Cross-connection	Supply left	Supply right
ZEI 6	ZDU 1.5	ZQV 1.5	•	•
	ZDU 1.5 3AN	ZQV 1.5	•	•
	ZDU 1.5 4AN	ZQV 1.5	•	•

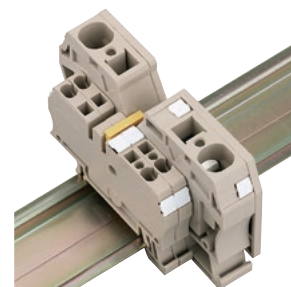
1) mit IEPL 2) mit QVAR 3) second pole must be broke out



$$I_{max} = \sum I_n \text{ (left)}$$



$$I_{max} = \sum I_n \text{ (left)} + \sum I_n \text{ (right)}$$



$$I_{max} = \sum I_n \text{ (right)}$$

Maximum current flow I_{max} only with ZEI 16

Feed terminal	Cross-connection	Supply conductor cross-section area	Supply left or right	Supply middle
ZDU 2.5	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 2.5/4AN	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 4	ZQV 4	16 mm ²	64 A	76 A
		25 mm ²	66 A	100 A
ZDU 6	ZQV 6	16 mm ²	76 A	76 A
		25 mm ²	82 A	100 A



Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 meters away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it "short-circuit proof".

Supply on the left



Supply on the right



Supply options and corresponding cross-connections

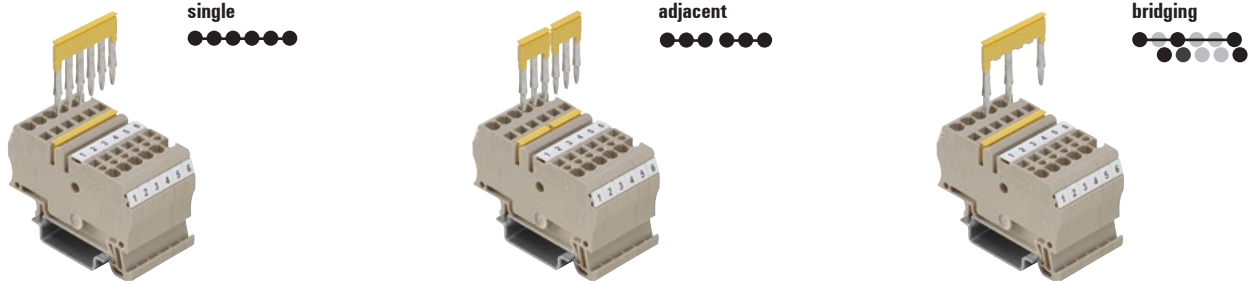
Supply terminals		on the left													
		2.5 mm ²						4 mm ²			6 mm ²				
Output terminals on the right		ZDU	ZDU 3AN	ZDU 4AN	ZDU N	ZDU N/3AN	ZDU N/4AN	ZTR	ZTR 3AN	ZTR 4AN	ZDU	ZDU 3AN	ZDU 4AN	ZDU	ZDU 3AN
1.5 mm ²	ZDU	• ¹⁾		• ¹⁾						• ¹⁾					
	ZDU 3AN	•		• ¹⁾						• ¹⁾	•				
	ZDU 4AN	•		• ¹⁾						• ¹⁾	•				
2.5 mm ²	ZDU										• ¹⁾	• ¹⁾	• ³⁾	• ¹⁾	
	ZDU 3AN										• ²⁾	• ²⁾	• ²⁾	• ²⁾	
	ZDU 4AN										•	• ¹⁾	• ¹⁾	•	• ¹⁾
	ZDU N										•	• ¹⁾	• ¹⁾	•	• ¹⁾
	ZDU N/3AN										• ²⁾	• ²⁾	• ²⁾	• ²⁾	
	ZDU N/4AN										•	• ¹⁾	• ¹⁾	•	• ¹⁾
	ZTR										• ²⁾	• ²⁾	• ²⁾	• ²⁾	
ZTR 3AN										• ²⁾	• ²⁾	• ²⁾	• ²⁾		
ZTR 4AN										•	•	• ¹⁾	•	• ¹⁾	
4 mm ²	ZDU													•	
	ZDU 3AN													•	
	ZDU 4AN													•	

Supply terminals		on the right													
		2.5 mm ²						4 mm ²			6 mm ²				
Output terminals on the left		ZDU	ZDU 3AN	ZDU 4AN	ZDU N	ZDU N/3AN	ZDU N/4AN	ZTR	ZTR 3AN	ZTR 4AN	ZDU	ZDU 3AN	ZDU 4AN	ZDU	ZDU 3AN
1.5 mm ²	ZDU	•	• ²⁾					• ²⁾	• ²⁾					•	•
	ZDU 3AN	•	• ²⁾					• ²⁾	• ²⁾					•	•
	ZDU 4AN	• ¹⁾	• ²⁾					• ²⁾	• ²⁾					• ¹⁾	•
2.5 mm ²	ZDU										•	•	•	• ³⁾	•
	ZDU 3AN										• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾
	ZDU 4AN										• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾
	ZDU N										•	•	•	•	•
	ZDU N/3AN										• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾
	ZDU N/4AN										• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾
	ZTR										• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾
ZTR 3AN										• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾	
ZTR 4AN										• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	•	
4 mm ²	ZDU													•	•
	ZDU 3AN													•	•
	ZDU 4AN													•	•

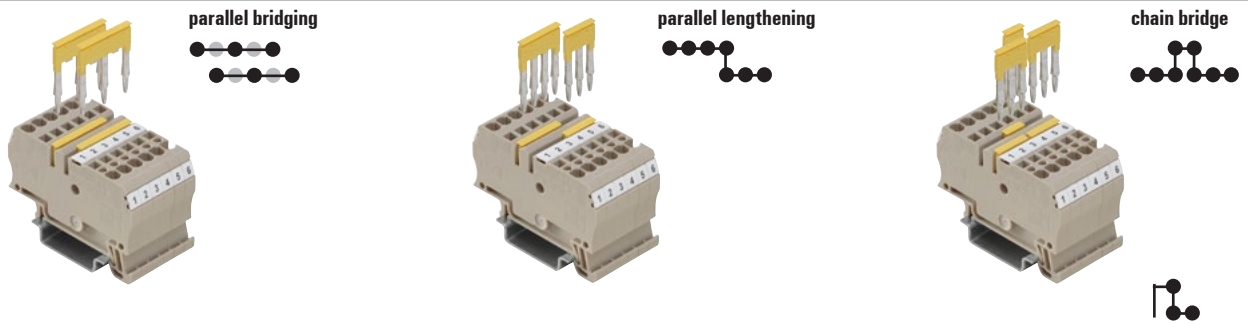
1) with IEPL
 2) with QVAR
 3) Maximum current value at the smallest cross-section:
 - ZDU 6 with ZQV 2.5/3 on ZDU 2.5 : 55A
 - ZDU 6 with ZQV 2.5/4 on ZDU 2.5 : 57 A

Possible combinations

In one cross-connection channel



In two cross-connection channel



Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type	Crosssection	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals	mm ²							
ZDU 1.5 ...	1.5	ZQV 1.5	•	•	•	•		
ZDK 1.5	1.5	ZQV 1.5	•	•	•			
ZDK 1.5 V	1.5	ZQV 1.5	•	•	•	not bridgeable on top		
ZDK 1.5 DU-PE	1.5	ZQV 1.5	•	•	•	not bridgeable at bottom		
ZRV 1.5 ...	1.5	ZQV 1.5	•	•	•			
ZDU 2.5	2.5	ZQV 2.5	•	•	•	•		
ZDU 2.5 / 3 AN	2.5	ZQV 2.5	•	•	•			
ZDU 2.5 / 4 AN	2.5	ZQV 2.5	•	•	•			
ZDU 2.5N ...	2.5	ZQV 2.5	•	•	•	•		
ZDUA 2.5-2 ...	2.5	ZQV 2.5N	•	•	•			
ZDK 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZDK 2.5 ... PE	2.5	ZQV 2.5	•	•	•	not bridgeable at bottom		
ZDK 2.5-2 ...	2.5	ZQV 2.5	•	•	•			
ZDKPE 2.5-2/ ...	2.5	ZQV 2.5	•	•	•			
ZDLD 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZVLD 2.5	2.5	ZQV 2.5	•	•	•			
ZTR 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZTR 2.5-2	2.5	ZQV 2.5	•	•	•	•		
ZTTR 2.5	2.5	ZQV 2.5N	•	•	•	•		
ZDTR 2.5	2.5	ZQV 2.5N	•	•	•			
ZSI 2.5	2.5	ZQV 6	•	•	•			
ZSI 2.5 2x2AN	2.5	ZQV 4	•	•	•			
ZSI 2.5/2	2.5	ZQV 2.5	•	•	•			
ZT 2.5 ...	2.5	ZQV 2.5N	•	•	•	•		
ZT 2.5/4AN/4	2.5	ZQV 2.5N	•	•	•			
ZP 2.5 ... QV	2.5	ZQV 2.5N	•	•	•			
ZRV 2.5 ...	2.5	ZQV 2.5/...	•	•	•			
ZDU 4 ...	4		•	•	•			
ZDK 4-2 ...	4		•	•	•			
ZDK 4-2 V	4		•	•	•	not bridgeable on top		
ZDK 4-2 ... PE	4		•	•	•	not bridgeable at bottom		
ZT 4 ...	4		•	•	•	•		
ZDU 6	6		•	•	•			
ZDU 6-2 ...	6		•	•	•			
ZSI 6-2 ...	6		•	•	•			
ZTR 6-2	6		•	•	•			
ZDU 10 ...	10		•			•		
ZPE 10 ...	10		•			•		
ZDU 16	16		•			•		
ZPE 16	16		•			•		
ZDU 35	35		•			•		
ZPE 35	35		•			•		



Spring connection with tension clamp technology (Z-Series)
Accessories - Electrical supply

Universal range

A

Cross-connections according to dimensions

ZQV 1.5



Technical data	
Rated current	17.5 A
Ordering data	
	Type
1-pole	
2-pole	ZQV 1.5/2
3-pole	ZQV 1.5/3
4-pole	ZQV 1.5/4
5-pole	ZQV 1.5/5
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	ZQV 1.5/10
20-pole	
24-pole	
Note	

17.5 A		
Type	Qty.	Order No.
ZQV 1.5/2	60	1776120000
ZQV 1.5/3	60	1776130000
ZQV 1.5/4	60	1776140000
ZQV 1.5/5	20	1776150000
ZQV 1.5/10	20	1776200000
Note		

ZQV 2.5



24 A		
Type	Qty.	Order No.
ZQV 2.5/2	60	1608860000
ZQV 2.5/3	60	1608870000
ZQV 2.5/4	60	1608880000
ZQV 2.5/5	20	1608890000
ZQV 2.5/6	20	1608900000
ZQV 2.5/7	20	1608910000
ZQV 2.5/8	20	1608920000
ZQV 2.5/9	20	1608930000
ZQV 2.5/10	20	1608940000
ZQV 2.5/20	20	1908960000
Note		

ZQV 4



32 A		
Type	Qty.	Order No.
ZQV 4/2 GE	60	1608950000
ZQV 4/3 GE	60	1608960000
ZQV 4/4 GE	60	1608970000
ZQV 4/5 GE	20	1608980000
ZQV 4/6 GE	20	1608990000
ZQV 4/7 GE	20	1609000000
ZQV 4/8 GE	20	1609010000
ZQV 4/9 GE	20	1609020000
ZQV 4/10 GE	20	1609030000
ZQV 4/20 GE	20	1909010000
Note		

Cross-connections according to dimensions

ZQV 35-10

Reducing cross-connection



Technical data	
Rated current	125 A
Ordering data	
	Type
1-pole	
2-pole	ZQV 35-10
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
24-pole	
Note	

125 A		
Type	Qty.	Order No.
ZQV 35-10	10	7920100000
Note		

ZQB 2.5



24 A		
Type	Qty.	Order No.
ZQB 2.5-2	50	1677120000
Note		

ZQS 2.5



24 A		
Type	Qty.	Order No.
ZQS 2.5/2	20	1633200000
ZQS 2.5/3	20	1633210000
ZQS 2.5/4	20	1633220000
ZQS 2.5/5	20	1633230000
Note		

ZQV 6



41 A		
Type	Qty.	Order No.
ZQV 6/2 GE	60	1627850000
ZQV 6/3 GE	60	1627860000
ZQV 6/4 GE	60	1627870000
ZQV 6/24 GE	10	1908990000

ZQV 10/2



57 A		
Type	Qty.	Order No.
ZQV 10/2	25	1739680000

ZQV 16/2



76 A		
Type	Qty.	Order No.
ZQV 16/2	25	1739690000

ZQV 35/2



125 A		
Type	Qty.	Order No.
ZQV 35/2	10	1739700000

ZVQ 2.5/1.5



24 A		
Type	Qty.	Order No.
ZVQ 2.5/1.5	50	1720700000



Spring connection with tension clamp technology (Z-Series)

Accessories – test/check

Test adapter

The ZTA snap-on test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pole
	with snap-in pegs
Note	

ZTA 1

For terminal width 5.1 mm



Width / Length / Height		5.1 / / 31.5
Stripping length		6
Rated voltage		
Rated current		9
for wire cross-section		1.5
Clamped conductors		
Solid / Stranded		0.5...1.5
Flexible / Flexible with ferrule		0.5...1.5
Type	Qty.	Order No.
ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000
Note		

ZTA 2

For terminal width 6.1 mm



Width / Length / Height		6.1 / / 31.5
Stripping length		6
Rated voltage		
Rated current		9
for wire cross-section		1.5
Clamped conductors		
Solid / Stranded		0.5...1.5
Flexible / Flexible with ferrule		0.5...1.5
Type	Qty.	Order No.
ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000
Note		

ZTA 3

For terminal width 8.1 mm



Width / Length / Height		8.1 / / 31.5
Stripping length		6
Rated voltage		
Rated current		9
for wire cross-section		1.5
Clamped conductors		
Solid / Stranded		0.5...1.5
Flexible / Flexible with ferrule		0.5...1.5
Type	Qty.	Order No.
ZTA 3 ZDU6	25	1654050000
Note		

Test adapter

The ZTA snap-on test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pole
	with snap-in pegs
Note	

ZTA 6

For terminal width 6.1 mm



Width / Length / Height		6.1 / / 31.5
Stripping length		6
Rated voltage		
Rated current		17.5
for wire cross-section		1.5
Clamped conductors		
Solid / Stranded		0.5...1.5
Flexible / Flexible with ferrule		0.75...1.5
Type	Qty.	Order No.
ZTA 6/ZA	25	1780660000
Note		

ZTA 7

For terminal width 8.1 mm



Width / Length / Height		8.1 / / 31.5
Stripping length		6
Rated voltage		
Rated current		9
for wire cross-section		1.5
Clamped conductors		
Solid / Stranded		0.5...1.5
Flexible / Flexible with ferrule		0.5...1.5
Type	Qty.	Order No.
ZTA 7/ZA	25	1780670000
Note		

ZTA ZT2.5

For terminal width 5.1 mm



Width / Length / Height		5.1 / / 20
Stripping length		10
Rated voltage		
Rated current		17.5
for wire cross-section		1
Clamped conductors		
Solid / Stranded		0.5...1
Flexible / Flexible with ferrule		0.5...1
Type	Qty.	Order No.
ZTA ZT2.5	25	1827080000
ZTA ZT2.5/ZA	25	1847600000
Note		



ZTA 4

For terminal width 5.1 mm



5.1 / 31		
10		
11		
1.5		
0.5...1.5		
0.5...1.5		
Type	Qty.	Order No.
ZTA 4	25	1688110000

Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

Technical data
Rated current
Ordering data
Test plug
Note

PS

Plug diameter 2.0 mm



20 mA		
Type	Qty.	Order No.
PS 2.0 OR	20	0293800000

PS 2.3 RT

Plug diameter 2.3 mm



20 mA		
Type	Qty.	Order No.
PS 2.3 RT	20	0180400000



PS ZQV test probes

PS ZQV



- Safe and hand-free measuring of terminals
- Insert into the ZQV contact
- Very flexible silicone safety-measurement cables connect to any measurement instrument.



Technical data

Rated voltage	
Max. voltage of clamp support & pluggable system	
Weight	
Note	

Test probes	
1000 V	
1000 V	
For Feed-through terminals with a pitch of 3.5 mm to 8 mm.	

Ordering data

Version	
Note	

Type	Qty.	Order No.
PS_ZQV_SET	1	1116710000
PS_ZQV	1	1121740000
1x measuring probe red, 1x measuring probe black.		

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the center of the clamping point without the strands fraying.

Technical data	
Product type	
Ordering data	
	0,13...0,2 mm ² , white
	0,25...0,5 mm ² , grey
	0,75...1,0 mm ² , dark grey
Note	

ZRH 1.5 S



Reducing sleeve			
Type	Qty.	Order No.	
ZRH 1.5S/1	500	1781950000	
Note			

ZRH 1.5 H



Reducing sleeve			
Type	Qty.	Order No.	
ZRH 1.5H/1	1000	1678810000	
ZRH 1.5H/2	1000	1678800000	
Note			

ZRH 1.5N



Reducing sleeve			
Type	Qty.	Order No.	
ZRH 1.5N/1	1000	1632140000	
ZRH 1.5N/2	1000	1632130000	
Note			

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the center of the clamping point without the strands fraying.

Technical data	
Product type	
Ordering data	
	0,13...0,2 mm ² , white
	0,25...0,5 mm ² , grey
	0,75...1,0 mm ² , dark grey
Note	

ZRH 2.5



Reducing sleeve			
Type	Qty.	Order No.	
ZRH 2.5/1 WS	1000	1614300000	
ZRH 2.5/2 GR/VO	1000	1614290000	
ZRH 2.5/3	1000	1614280000	
Note			

ZRH 4



Reducing sleeve			
Type	Qty.	Order No.	
ZRH 4/1 WS	1000	1636640000	
Note			

Label

The BZT marking tags enable you to label the middle of the marking channel with the WS 10/5 tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

Technical data	
Product type	
Ordering data	
	one-sided, without peg
	one-sided, with peg
	two-sided, without peg
Note	

BZT 1/BZT 2

Tag carriers



Marker holder			
Type	Qty.	Order No.	
BZT 1 WS 10/5	100	1805490000	
BZT 1 ZA WS 10/5	100	1805520000	
BZT 2 WS 10/5	100	1805480000	
Note			



SIHA fuse holder

For 5 x 20 G-fuse cartridges

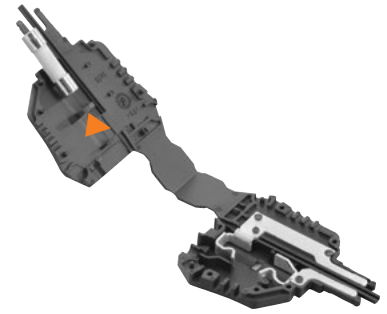
The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.

Simply remove the isolating lever and insert the fuse plug.

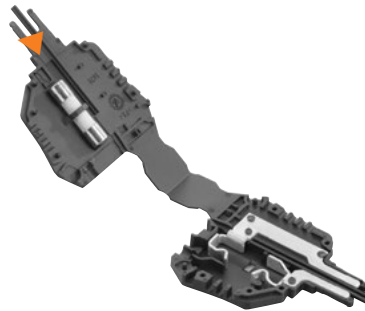
- Simple handling – no tools required
- Housing made of Wemid (VO)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement



1. Open fuse holder with fingers or screwdriver.



2. Press out old fuse.



3. Position new fuse.



4. Press fuse holder together again with fingers or screwdriver.



- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20

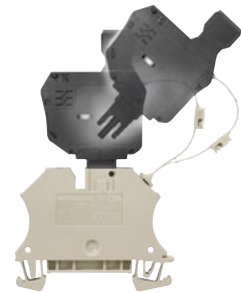


SIHA 3



without LED		Qty.	Order No.
SIHA3/G20	400 V	1	7921560000
with LED (red)			
SIHA3/G20	10 - 36 V	1	7921570000
	35 - 70 V	1	7921580000
	60 - 150 V	1	7921590000
	140 - 250 V	1	7921600000
For test-disconnect terminals versions			
ZTR 2.5/4 AN			
ZTR 2.5...			
ZTR 2.5-2			

SIHA STRAP



with strap		Qty.	Order No.
SIHA STRAP		20	9537680000

Connector for "retro-fit" assembly

- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either on the left or on the right

Component isolating plugs



Fuse carrier ZST 1

The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available to be used during servicing work.

ZST 1



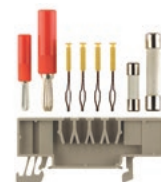
Type	Qty.	Order No.
ZST 1	25	1269070000

Ordering data
Note

Accessories holder ZST

The ZST group carrier is used for temporary "parking" of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.

ZST



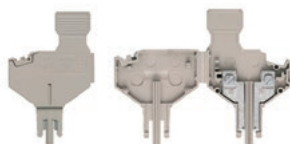
Type	Qty.	Order No.
ZST	10	1678680000

Ordering data
Note

Component plug (up to 250 V)

- Supports reversal

BEST



Type	Qty.	Order No.
BEST	50	1833100000
BEST/DRBR	50	1878570000
BEST/D	50	1878560000

Ordering data
without
with wire jumper
with 1N4007 diode
Note

Disconnect plug

TNST



Ordering data
yellow
Note

Type	Qty.	Order No.
TNST	50	1833090000



Reliability connects

Klippon® Connect sets standards with clamping yoke technology

Whatever your requirements for the panel: our screw connection system with patented clamping yoke technology ensures the ultimate in contact safety. You can use both screw-in and plug-in cross-connections for potential distribution. Two conductors of the same diameter can also be connected in a single terminal point in accordance with UL1059. The screw connection has long been an established connection element to meet exacting demands in terms of reliability and functionality. And our W-Series is still setting standards.

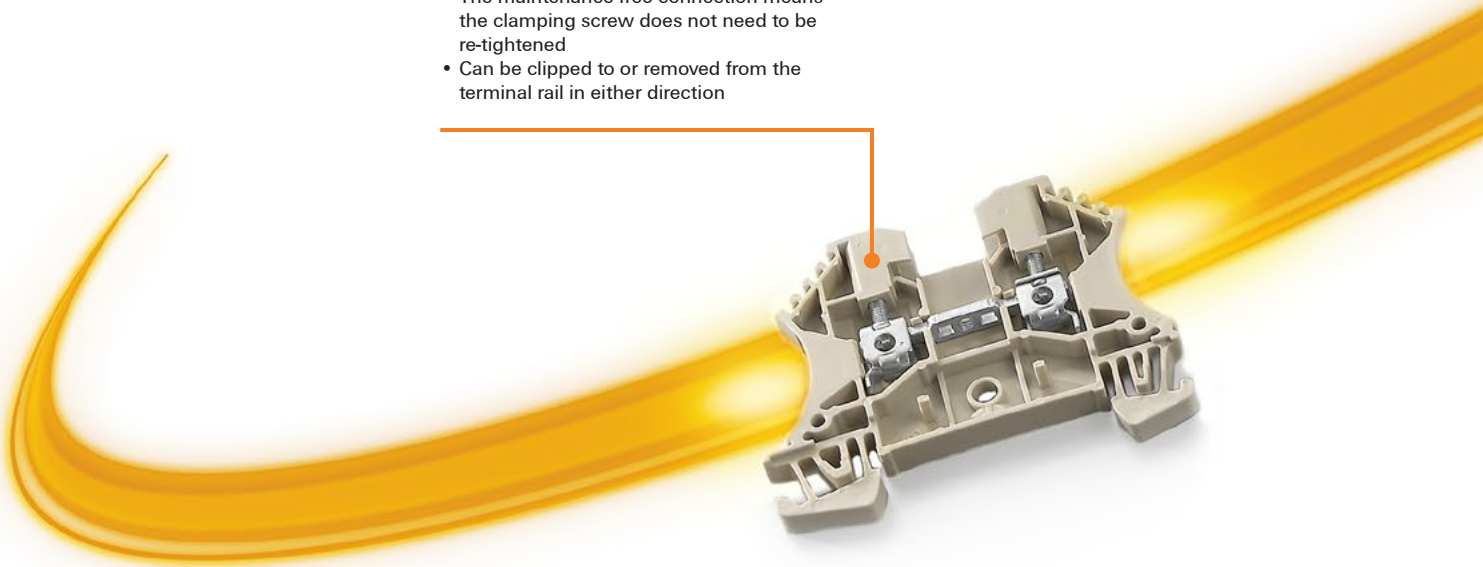


Our promise

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

Flexibility

- The maintenance-free connection means the clamping screw does not need to be re-tightened
- Can be clipped to or removed from the terminal rail in either direction



Time saving

- Quick installation as the products are delivered with clamping yoke open
- Identical contours for easier planning

Space saving

- Small „W-Compact“ size saves space in the panel
- Two conductors can be connected for each contact point

Safety

- The clamping yoke properties compensate for temperature-indexed changes to the conductor to prevent loosening
- Vibration-resistant connectors – ideal for applications in harsh conditions
- Protection against incorrect conductor entry
- Copper current bar for low voltages, clamping yoke and screw made of hardened steel
- Precise clamping yoke and current bar design for safe contact with even the smallest of conductors

Overview

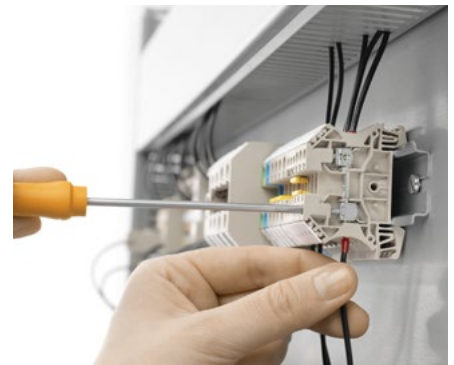
You can rely on it: thanks to the range of models and real flexibility, our terminal blocks with clamping yoke technology can be used in a wide range of different applications.

Universal application:

Numerous national and international approvals and qualifications in accordance with a variety of application standards make the W-series a universal connection solution, especially in harsh conditions.

Varied product assortment with wide clamping range:

Our terminal blocks with clamping yoke technology are available in both standard and compact designs. The compact design covers wire cross-sections from 0.05 mm² to 150 mm² and helps save space in the panel. The standard version covers conductor cross sections of up to 240 mm². The identical contours of the terminal blocks make configuration easier and reduces the quantity of accessories required.



Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

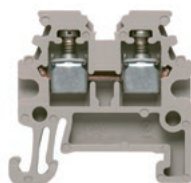
Universal range

A

WDU 1.5/R 3.5

1.5 mm²

Feed-through terminal for TS 15



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 24.5 x 24	
17.5 / 1.5	
0.13...1.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1				Ex eb II		II 2 G D
				C Gb		
IEC	UL	CSA	EN 60079-7			
400	300	300	275			
17.5	15	10	15			
1.5	AWG 26...14	AWG 26...14	1.5 mm ²			
4 kV / 3						
A1 / V-0						
				DEMKD14ATEX1338U		
Rated connection		Further connection				
0.5...1.5 / 1.5...1.5						
0.5...1.5 / 0.5...0.5						
0.3...0.3 / (M 2)						
7 / 0.4 x 2.5 mm						
0.5...0.75 / 0.5...0.5						

Ordering data

Version	
	dark beige
	beige
	Blue
Note	

Type	Qty.	Order No.
WDU 1.5/R3.5	100	1753280000
WDU 1.5/R3.5 BL	100	1754170000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Test plug
	Socket
Marking tags	
Plug-in cross-connection	
	2-pole
	10-pole

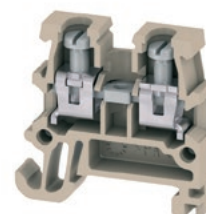
Type	Qty.	Order No.
WAP WDU1.5/R3.5	20	1754190000
EW 15	50	0382860000
DEK 5/3.5 MC NE WS	500	1755270000
DEK 5/3.5 MM WS	1000	2007100000
ZQV 1.5N/R3.5/2 GE	17.5 A 50	1754210000
ZQV 1.5N/R3.5/10 GE	17.5 A 20	1754290000

For detailed information on other accessories and application in the online catalogue

AKZ 1.5

1.5 mm²

Feed-through terminal for TS 15



5.1 x 24.8 x 24	
24 / 2.5	
0.21...2.5	

IEC 60947-7-1				Ex eb II		II 2 G D
				C Gb		
IEC	UL	CSA	EN 60079-7			
250	150	300	220			
17.5	15	10	17.5			
1.5	AWG 22...14	AWG 24...16	2.5 mm ²			
4 kV / 3						
A1 / V-2						
				TUEV18ATEX8221U		
Rated connection		Further connection				
0.5...2.5 / 1.5...1.5						
0.5...1.5 / 0.5...1.5						
0.4...0.6 / (M 2.5)						
7 / 3.0 x 0.5 mm						

Type	Qty.	Order No.
AKZ 1.5	100	0340460000
AKZ 1.5 BL	100	0340480000

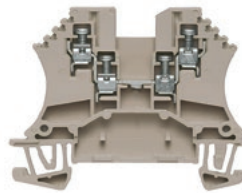
Type	Qty.	Order No.
Q 2 AKZ1.5	24 A 50	0368200000
Q 10 AKZ1.5	24 A 20	0368500000
AP AKZ1.5	50	0340560000
AP AKZ1.5 BL	50	0340580000
EW 15	50	0382860000
PS 2.3 RT	20 mA 20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

WDU 1.5/ZZ

1.5 mm²

Twin connection



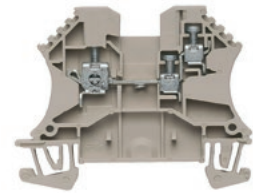
Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 60 x 46.5	
23 / 2.5	
0.13...2.5	

WDU 2.5/1.5/ZR

2.5 mm²

Supplementary connection, right



5.1 x 60 x 46.5	
32 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	300	300	550
17.5	25	10	17.5
1.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A1 / V-0			
Rated connection		Further connection	
0.5...2.5 / 0.5...2.5			
0.5...1.5 / 0.5...1.5			
0.4...0.6 / (M 2.5)			
7 / 0.6 x 3.5 mm			
0.5...2.5			
0.5...1 / 0.5...0.75			

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	300	300	
24	20	20	
2.5	AWG 30...12	AWG 26...14	
8 kV / 3			
A3, A1 / V-0			
Rated connection		Further connection	
0.5...4 / 1.5...4		0.5...2.5 / 0.5...2.5	
0.5...4 / 0.5...2.5		0.5...1.5 / 0.5...1.5	
0.4...0.6 / (M 2.5)			
10 / 0.6 x 3.5 mm		7 / SD 0.6 x 3.5	
0.5...2.5			
0.5...1.5 / 0.5...1.5			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WDU 1.5/ZZ	100	1031400000
WDU 1.5/ZZ BL	100	1031480000

Type	Qty.	Order No.
WDU 2.5/1.5/ZR	100	1024700000
WDU 2.5/1.5/ZR BL	100	1024780000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

Universal range

A

AKZ 2.5

2.5 mm²

Feed-through terminal for TS 15



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 25.5 x 26.3
32 / 4
0.13...4

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

Ordering data

Version	dark beige
	beige
	Blue
Note	

Accessories

Plug-in cross-connection	2-pole
	10-pole
Screwable cross-connection	2-pole
	10-pole
End plate / Partition plate	dark beige
	Blue
	dark beige
	Blue
End bracket	dark beige
Testing / Checking	Standard
	With spigot
	Test plug
	Socket
Cover	Blank, yellow
	Blank, white
	With lightning flash symbol
Marking tags	
For detailed information on other accessories and application in the online catalogue	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

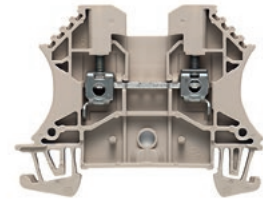
IEC	UL	CSA	EN 60079-7
250	300	300	220
24	10	10	24
2.5	AWG 26...12	AWG 26...10	4 mm ²
4 kV / 3			
A3 / V-0			
TUEV18ATEX8221U			
Rated connection		Further connection	
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
0.4...0.6 / (M 2.5)			
7 / 0.5 x 3.0 mm			

Type	Qty.	Order No.
AKZ 2.5	100	0697160000
AKZ 2.5 BL	100	0697180000

Type	Qty.	Order No.
Q 2 AKZ1.5	24 A 50	0368200000
Q 10 AKZ1.5	24 A 20	0368500000
AP AKZ2.5	50	0697360000
AP AKZ2.5 BL	50	0697380000
TW AKZ2.5	20	0318560000
EW 15	50	0382860000
PS 2.3 RT	20 mA 20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
DEK 5/5 MC NE WS	1000	1609801044

WDU 2.5

2.5 mm²



5.1 x 60 x 46.5
32 / 4
0.05...4

IEC 60947-7-1 Ex eb II C Gb II 2 G D

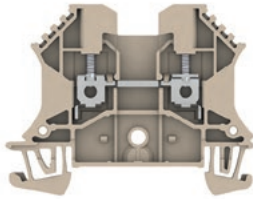
IEC	UL	CSA	EN 60079-7
800	600	600	690
24	25	20	24
2.5	AWG 30...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
0.5...4 / 0.5...4			
0.5...4 / 0.5...2.5			
0.4...0.8 / (M 2.5)			
10 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			

Type	Qty.	Order No.
WDU 2.5	100	1020000000
WDU 2.5 BL	100	1020080000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

WDU 2.5 HV

2.5 mm²



5.1 x 60 x 46.5
32 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
24			
2.5			
8 kV / 3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

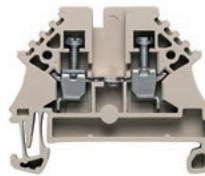
Type	Qty.	Order No.
WDU 2.5 HV	100	1412950000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

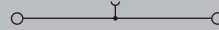
WDU 2.5N

2.5 mm²

With screwable cross-connection
Compact design



5.1 x 44 x 37
32 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	352
24	20	20	24
2.5	AWG 22...12	AWG 26...12	2.5 mm ²
6 kV / 3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

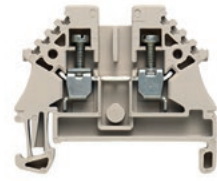
Type	Qty.	Order No.
WDU 2.5N	100	1023700000
WDU 2.5N BL	100	1023780000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
EW 35	50	0383560000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 WS	50	1072100000
WAD 4 GE BED	50	1072000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

WDU 2.5N/ZQV

2.5 mm²

With pluggable cross-connection
Compact design



5.1 x 44 x 37
32 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		300	
24		25	
2.5		AWG 26...12	
6 kV / 3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.25...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 2.5N ZQV	100	1040800000
WDU 2.5N ZQV BL	100	1040880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
EW 35	50	0383560000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 WS	50	1072100000
WAD 4 GE BED	50	1072000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000



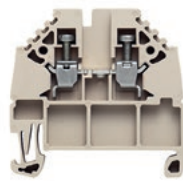
Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

WDU 2.5N/600 UL

2.5 mm²

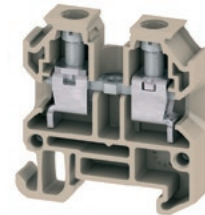
Compact design



AKZ 4

4 mm²

Feed-through terminal for TS 15



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 44 x 42.7	
32 / 4	
0.05...4	

6.1 x 28.5 x 29	
41 / 6	
0.13...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	25	20	
2.5	AWG 22...12	AWG 26...12	
8 kV / 3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

0.5...1.5 / 0.5...1.5	
/ 0.5...1.5	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	352
32	27	10	32
4	AWG 26...12	AWG 24...12	6 mm ²
6 kV / 3			
A3 / V-0			



Rated connection	Further connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...2.5	
0.6...0.8 / (M 3)	
8 / 0.6 x 3.5 mm	

0.5...1.5 / 0.5...1.5	
-----------------------	--

Ordering data

Version	
dark beige	
beige	
Blue	
Note	

Type	Qty.	Order No.
WDU 2.5N/600UL	100	1730940000

Type	Qty.	Order No.
AKZ 4	100	0294360000
AKZ 4 BL	100	0294380000

Accessories

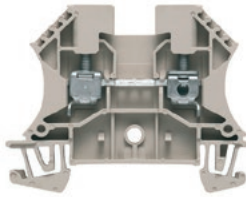
Plug-in cross-connection		2-pole		
		10-pole		
Screwable cross-connection		2-pole		
		10-pole		
End plate / Partition plate		dark beige		
		Blue		
		dark beige		
		Blue		
End bracket		dark beige		
Testing / Checking		Standard		
		With spigot		
		Test plug		
		Socket		
Cover		Blank, white		
		Blank, yellow		
		With lightning flash symbol		
Marking tags				
For detailed information on other accessories and application in the online catalogue				

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
WEW 35/2	50	1061200000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 WS	50	1072100000
WAD 4 GE BED	50	1072000000
DEK 5/5 MM WS	800	2007110000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000
WS 12/5 MC NE WS	720	1609860000

Type	Qty.	Order No.
Q 2 AKZ4	24 A 50	0336400000
Q 10 AKZ4	24 A 20	0368600000
AP AKZ4	20	0294460000
AP AKZ4 BL	20	0294480000
TW AKZ4	50	0348260000
EW 15	50	0382860000
PS 2.3 RT	20 mA 20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
DEK 5/6 MC NE WS	1000	1609820000

WDU 4

4 mm²



6.1 x 60 x 46.5
41 / 6
0.13...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	35	35	32
4	AWG 26...10	AWG 26...10	4 mm ²

8 kV / 3
A4 / V-0

DEMKO14ATEX1338U

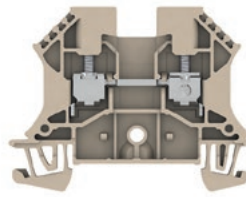
Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1 / (M 3)	
10 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4	100	1020100000
WDU 4 BL	100	1020180000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD 5 MC NE WS	48	1112910000
WAD 5 MC NE GE	48	1112920000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

WDU 4 HV

4 mm²



6.1 x 60 x 46.5
41 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4			

8 kV / 3
A4 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1 / (M 3)	
10 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	

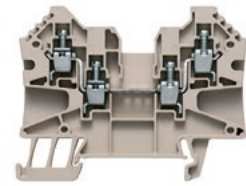
Type	Qty.	Order No.
WDU 4 HV	100	1412960000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD 5 MC NE WS	48	1112910000
WAD 5 MC NE GE	48	1112920000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000

WDU 4/ZZ

4 mm²

Twin connection



6.1 x 70 x 53
32 / 6
0.05...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	30	30	29.5
4	AWG 30...10	AWG 30...10	4 mm ²

8 kV / 3
A4 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6	
0.5...4	
0.5...0.8 / (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4/ZZ	50	1905060000
WDU 4/ZZ BL	50	1114720000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP WDU/WTR4/ZZ	50	1905150000
WEW 35/2	50	1061200000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000



Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

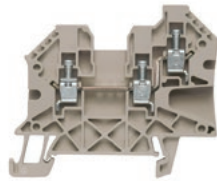
Universal range

A

WDU 4/ZR

4 mm²

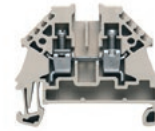
Supplementary connection, right



WDU 4N

4 mm²

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

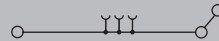
Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

6.1 x 63.5 x 53
32 / 6
0.05...6

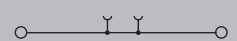


IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 30...10	AWG 30...10	
8 kV / 3			
A4 / V-0			
Rated connection		Further connection	
0.5...6		0.5...6	
0.5...4		0.5...4 / 0.5...4	
0.5...0.8 / (M 3)			
10 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
WDU 4/ZR	50	1905140000
Note		

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
Note		
WAP WDU/WTR4/ZR	50	1905070000
Note		
WEW 35/2	50	1061200000
Note		
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

6.1 x 44 x 37.7
39 / 6
0.13...6



IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
0.5...6 / 1.5...6			
0.5...4 / 0.5...4			
0.5...1 / (M 3)			
11 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
WDU 4N	100	1042600000
WDU 4N BL	100	1042680000
Note		

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
Note		
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
Note		
WEW 35/2	50	1061200000
Note		
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
Note		
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
Note		
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

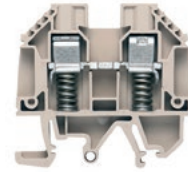
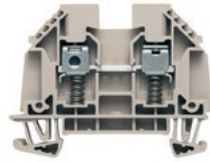
For detailed information on other accessories and application in the online catalogue

WDU 4 SL

4 mm²

WDU 4 SL/EN

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 46.5
41 / 6
0.22...6

6.1 x 60 x 51.5
41 / 6
0.22...6

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
690	600	300	440
32	30	25	32
4	AWG 22...10	AWG 22...10	4 mm ²
6 kV / 3			
A4 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4	
0.5...1 / (M 3)	
15 / 0.6 x 3.5 mm	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
690	600	300	440
32	30	25	32
4	AWG 22...10	AWG 22...10	4 mm ²
6 kV / 3			
A4 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4	
0.5...1 / (M 3)	
15 / 0.6 x 3.5 mm	

Ordering data

Version	
	dark beige
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WDU 4 SL	50	9537440000
WDU 4 SL BL	50	9203060000

Type	Qty.	Order No.
WDU 4 SL/EN	50	9537450000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
	Blue
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
Cover	
	Blank, yellow
	Blank, white
Hak. Cable lugs	
Marking tags	
Plug-in cross-connection	
	2-pole
	10-pole
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
HBT 1.5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
WS 12/6 MC NE WS	600	1609900000
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

Type	Qty.	Order No.
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
HBT 1.5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
WS 12/6 MC NE WS	600	1609900000
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000



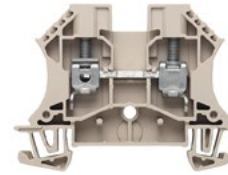
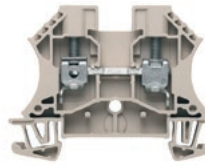
Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

WDU 6

6 mm²

WDU 6 HV

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 60 x 46.5	
57 / 10	
0.22...10	

7.9 x 60 x 46.5	
57 / 10	
0.22...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1
 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
41	50	50	41
6	AWG 22...8	AWG 22...8	10 mm ²
8 kV / 3			
A5 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
0.8...1.6 / (M 3.5)			
12 / 0.8 x 4.0 mm			
0.5...2.5			
0.5...2.5 / 0.5...2.5			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
41			
6			
8 kV / 3			
A5 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
0.8...1.6 / (M 3.5)			
12 / 0.8 x 4.0 mm			
0.5...2.5			
0.5...2.5 / 0.5...2.5			

Ordering data

Version	
	dark beige
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WDU 6	100	1020200000
WDU 6 BL	100	1020280000

Type	Qty.	Order No.
WDU 6 HV	100	1412970000
WDU 6 IR	100	1393350000

Accessories

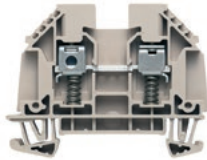
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
	Blue
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
Cover	
	Blank, yellow
	Blank, white
Hak. Cable lugs	
Marking tags	
Plug-in cross-connection	
	2-pole
	10-pole
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
WS 8/8 MM WS	500	2007170000
DEK 5/8 MM WS	500	2007130000

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
DEK 5/8 MC NE WS	800	1856740000
WS 12/8 PLUS MC NE WS	420	1906000000
WS 8/8 MM WS	500	2007170000
DEK 5/8 MM WS	500	2007130000

WDU 6 SL

6 mm²



7.9 x 60 x 46.5
57 / 6
0.5...6



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
630	150	300	275
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm ²

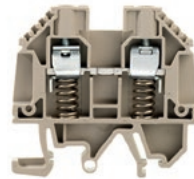
6 kV / 2
A5 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 6	
0.5...6	
0.8...1.6 / (M 3.5)	
16 / 0.8 x 4.0 mm	

WDU 6 SL/EN

6 mm²



7.9 x 60 x 51.1
57 / 6
0.5...6



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
690	150	300	440
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm ²

6 kV / 3
A5 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 6	
0.5...6	
0.8...1.6 / (M 3.5)	
16 / 0.8 x 4.0 mm	

Type	Qty.	Order No.
WDU 6 SL	50	9537460000

Type	Qty.	Order No.
WDU 6 SL/EN	50	9537470000

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
WS 8/8 MM WS	500	2007170000
DEK 5/8 MM WS	500	2007130000

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
WS 8/8 MM WS	500	2007170000
DEK 5/8 MM WS	500	2007130000



Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

Universal range

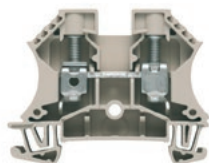
A

WDU 10

10 mm²

WDU 10 IR

10 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9.9 x 60 x 46.5
76 / 16
1.31...16

9.9 x 60 x 46.5
76 / 16
1.31...16

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
57	65	65	57
10	AWG 18...6	AWG 18...6	10 mm ²
8 kV / 3			
B6 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
1.2...1.9 / (M 4)			
12 / 1.0 x 5.5 mm			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			

IEC 60947-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
57	65	65	57
10	AWG 18...6	AWG 18...6	10 mm ²
8 kV / 3			
B6 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
1.5...1.8 / (M 4)			
12 / TX 15			

Ordering data

Version	
	dark beige
	Blue
	dark beige (combi clip-on foot TS 32/25)
	black (combi clip-on foot TS 32/25)
Note	

Type	Qty.	Order No.
WDU 10	50	1020300000
WDU 10 BL	50	1020380000

Type	Qty.	Order No.
WDU 10 IR	50	1393380000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
Cover	
	Blank, yellow
	Blank, white
Hak. Cable lugs	
Marking tags	
For detailed information on other accessories and application in the online catalogue	

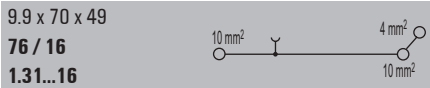
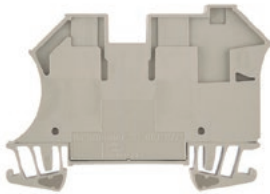
Type	Qty.	Order No.	
WQV 10/2	76 A	50	1052560000
WQV 10/10	63 A	20	1052460000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		50	1061200000
WTA 3 WDU4	6 A	25	1632350000
WAD 8 MC NE GE		48	1112950000
WAD 8 MC NE WS		48	1112940000
DEK 5/5 MC NE WS	1000		1609801044
WS 12/6.5 MC NE WS	540		1609920000

Type	Qty.	Order No.	
WQV 10/2	76 A	50	1052560000
WQV 10/10	63 A	20	1052460000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		50	1061200000
WTA 5/1	6 A	25	1051260000
WAD 8 MC NE GE		48	1112950000
WAD 8 MC NE WS		48	1112940000
DEK 5/5 MC NE WS	1000		1609801044
WS 12/6.5 MC NE WS	540		1609920000

WDU 10/ZR

10 mm²

Additional connection on right 4 mm²



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	65	65	
10	AWG 16...6	AWG 16...6	
8 kV / 3			
B6, A4 / V-0			

Rated connection		Further connection
1.5...16 / 1.5...16		0.5...6 / 1.5...4
1.5...16 / 1.5...16		0.5...4 / 0.5...4
1.2...1.9 / (M 4)		
12 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm

0.5...6

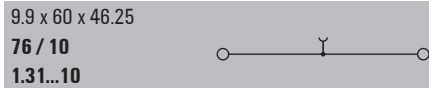
1...6 / 1...6

Type	Qty.	Order No.
WDU 10/ZR	50	1042400000
WDU 10/ZR BL	50	1042480000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WDU 10 SL

10 mm²



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	150	300	352
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm ²
6 kV / 2			
A5 / V-0			

Rated connection		Further connection
1.5...10 / 1.5...10		
1...6		
1.2...2.4 / (M 4)		
17 / 1.0 x 5.5 mm		

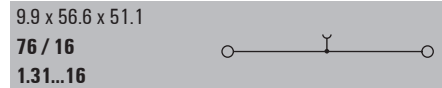
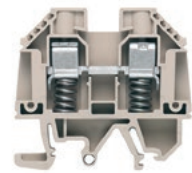
2.5...4 / 1...4

Type	Qty.	Order No.
WDU 10 SL	50	9537480000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WDU 10 SL/EN

10 mm²



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	600	300	550
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm ²
6 kV / 3			
A6 / V-0			

Rated connection		Further connection
1.5...16 / 1.5...16		
1...6		
1.2...2.4 / (M 4)		
17 / 1.0 x 5.5 mm		

2.5...4 / 1...4

Type	Qty.	Order No.
WDU 10 SL/EN	50	9537490000
WDU 10 SL/EN SW	50	9537410000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

Universal range

A

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	dark beige
	without peg / dark beige
	with peg / blue
	with peg / dark beige
Note	

Accessories

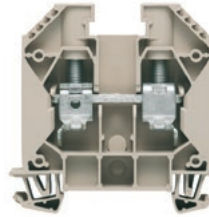
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige
Cover	
	black/yellow
	white
	Blank, yellow
	Blank, white
Marking tags	

For detailed information on other accessories and application in the online catalogue

WDU 16

16 mm²

With peg for higher connection stability



11.9 x 60 x 62.5
101 / 25
0.82...25

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	85	85	76
16	AWG 18...4	AWG 18...6	16 mm ²
8 kV / 3			
B7 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
1.5...16 / 1.5...25			
1.5...25 / 1.5...16			
3...4 / (M 5)			
16 / 1.0 x 5.5 mm			
1.5...6 / 1.5...6			
1.5...6 / 1.5...6			

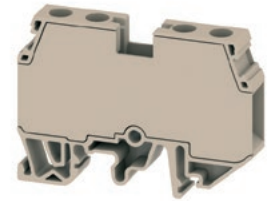
Type	Qty.	Order No.
WDU 16	50	1020400000
WDU 16 BL	50	1020480000
WDU 16/ZA	50	1028900000

Type	Qty.	Order No.
WQV 16/2	101 A 50	1053260000
WQV 16/10	101 A 10	1053360000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

WDUB 16

16 mm²



9.9 x 65 x 47
76 / 16
0.5...16

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600	600	
76	65	65	
16	AWG 18...6		
8 kV / 3			
B6 / V-0			
Rated connection		Further connection	
0.5...16 / 0.5...16			
0.5...10 / 0.5...10			
1.2...1.9 / (M 4)			
20 / 0.8 x 4.0 mm			

Type	Qty.	Order No.
WDUB 16	20	2868370000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WEW 35/2	50	1061200000
WAD 8 MC B GE/SW	48	1120470000
WAD 8 MC NE WS	48	1112940000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

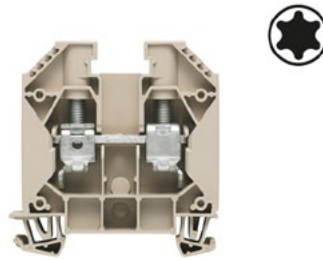
For detailed information on other accessories and application in the online catalogue

WDU 16 IR

16 mm²

WDU 16N

16 mm²



Suitable for power distribution
Compact design

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 62.5
101 / 25
0.82...25

12 x 60 x 46.5
101 / 25
1.5...25

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	85	85	76
16	AWG 18...4	AWG 18...6	16 mm ²
8 kV / 3			
B7 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
3...4 / (M 5)	
16 / TX 15	
1.5...6 / 1.5...6	
1.5...6 / 1.5...6	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	600	300	
76	70	70	
16	AWG 14...6	AWG 14...6	
6 kV / 3			
B7 / V-0			

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
1.2...2.4 / (M 4)	
12 / 1.0 x 5.5 mm	
1.5...6 / 1.5...6	
1.5...4 / 1.5...4	

Ordering data

Version	dark beige Blue
Note	

Type	Qty.	Order No.
WDU 16 IR	50	1393390000

Type	Qty.	Order No.
WDU 16N	50	1036100000
WDU 16N BL	50	1036180000

Accessories

Screwable cross-connection	
2-pole	
10-pole	
4-pole	
End plate / Partition plate	
dark beige	
Blue	
End bracket	
dark beige, screwable	
dark beige	
Cover	
black/yellow	
white	
Marking tags	
Testing / Checking	
Standard	

Type	Qty.	Order No.
WQV 16/2	101 A 50	1053260000
WQV 16/10	101 A 10	1053360000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

Type	Qty.	Order No.
WQV 16N/2	76 A 50	1636560000
WQV 16N/4	76 A 50	1636580000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/12 MC NE WS	300	1905970000
WTA 2 WDU2.5-10	6 A 25	1632320000

For detailed information on other accessories and application in the online catalogue



Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

Universal range

A

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	without peg / dark beige
	with peg / blue
	with peg / dark beige
Note	

Accessories

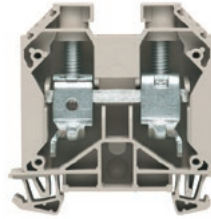
Screwable cross-connection	
	2-pole
	10-pole
	4-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige
Cover	
	black/yellow
	white
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

WDU 35

35 mm²

Clamping screw / spigot for good connection stability



16 x 60 x 62.5
150 / 50
2.5...50

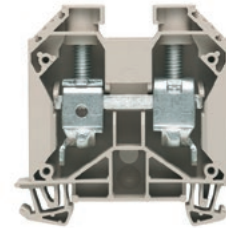
IEC 60947-7-1				Ex eb II	C Gb	II 2 G D
IEC	UL	CSA	EN 60079-7			
1000	1000	600	690			
125	150	150	115			
35	AWG 12...0	AWG 12...NaN	35 mm ²			
8 kV / 3						
B8, B9 / V-0						
Rated connection		Further connection				
2.5...16 / 2.5...50						
2.5...35 / 2.5...35						
4...5 / (M 6)						
18 / 6.5 x 1.2 mm						
/ 16...16						
2.5...16 / 2.5...16						

Type	Qty.	Order No.
WDU 35	40	1020500000
WDU 35 BL	40	1020580000
WDU 35/ZA	40	1028800000

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WDU 35 IR

35 mm²



16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1				Ex eb II	C Gb	II 2 G D
IEC	UL	CSA	EN 60079-7			
1000	1000		690			
125	150		115			
35	AWG 12...0		35 mm ²			
8 kV / 3						
B8, B9 / V-0						
Rated connection		Further connection				
2.5...16 / 2.5...50						
2.5...35 / 2.5...35						
4...5 / (M 6)						
18 / TX 20						

Type	Qty.	Order No.
WDU 35 IR	40	1393400000

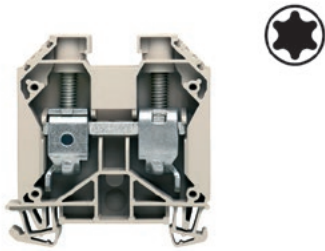
Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue

WDU 35 IK

35 mm²

Hexagonal socket / spigot for good connection stability



16 x 60 x 62.5
150 / 50
2.5...50



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	150	150	115
35	AWG 12...NaN	AWG 12...NaN	35 mm ²

8 kV / 3
B8, B9 / V-0

DEMKD14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...6 / (M 6)	
18 / S4 (DIN 6911)	
/ 16...16	
2.5...16 / 2.5...16	

Type	Qty.	Order No.
WDU 35/IK	25	1020600000
WDU 35/IK BL	25	1020680000
WDU 35/IK/ZA	25	1029000000

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WDU 35N

35 mm²

Suitable for power distribution
Compact design



16 x 66 x 50.5
150 / 50
2.5...50



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	1000	300	352
125	150	120	110
35	AWG 12...0	AWG 12...2	35 mm ²

6 kV / 3
B8, B9 / V-0

DEMKD14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 / (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6 / 2.5...6	

Type	Qty.	Order No.
WDU 35N	20	1040400000
WDU 35N BL	20	1040480000

Type	Qty.	Order No.
WQV 35N/2	125 A 20	1079200000
WQV 35N/4	125 A 20	1079400000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 16N GE BED	50	1083600000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000



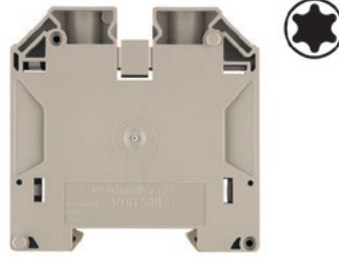
Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

Universal range

A

WDU 50N **50 mm²**

Compact design



WDU 50N IR **50 mm²**



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

18.5 x 70 x 69.6
192 / 70
10...70

18.5 x 70 x 69.6
192 / 70
10...70

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10...0	AWG 8...0	50 mm ²

8 kV / 3
B10 / V-0

 DEMKO14ATEX1338U

Rated connection	Further connection
10...16 / 10...70	
10...50	
3.5...6 / (M 6)	
24 / S4 (DIN 6911)	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000			690
150			126
50			50 mm ²

8 kV / 3
B10 / V-0

 DEMKO14ATEX1338U

Rated connection	Further connection
10...16 / 10...70	
10...50 / 10...50	
3...6 / (M 6)	
24 / TX 20	

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WDU 50N	10	1820840000
WDU 50N BL	10	1820850000

Type	Qty.	Order No.
WDU 50N IR	10	1186630000

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige, screwable
Cover	
	With lightning flash symbol
Additional connection	
	10 mm ²
Marking tags	
Screwdriver	
	Standard

Type	Qty.	Order No.
WQV 50N/2	150 A 5	1834060000
WQV 50N/3	150 A 5	1834070000
WQV 50N/4	150 A 5	1834080000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 50N	41 A 5	1872720000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

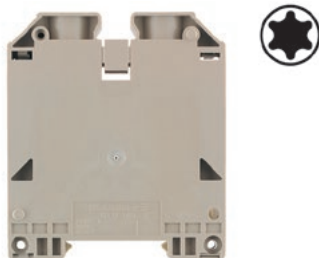
Type	Qty.	Order No.
WQV 50N/2	150 A 5	1834060000
WQV 50N/3	150 A 5	1834070000
WQV 50N/4	150 A 5	1834080000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 50N	41 A 5	1872720000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
TH-S 9-40	1	9008880000

For detailed information on other accessories and application in the online catalogue

WDU 70N

70 mm²

Compact design



20.5 x 75 x 85
232 / 95
16...95

Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	150	150	184
70	AWG 6...0	AWG 6...0	70 mm ²

8 kV / 3

B11 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
22 / S6 (DIN 6911)	

/ 10...25

10...25 / 6...25

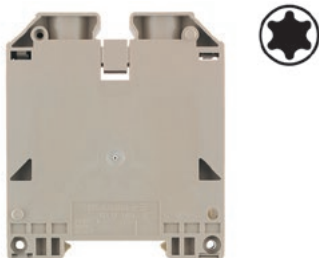
Type	Qty.	Order No.
WDU 70N/35	10	9512190000
WDU 70N/35 BL	10	9512420000

Type	Qty.	Order No.
WQV 70N/2	192 A	5 9512240000
WQV 70N/3	192 A	5 9512250000
WQV 70N/4	192 A	5 9531290000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 70N	41 A	5 1964830000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

WDU 70N/35 IR

70 mm²

Compact design



20.5 x 75 x 85
232 / 95
16...95

Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
192	150		
70	AWG 6...0		

8 kV / 3

B11 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
22 / TX 40	

Type	Qty.	Order No.
WDU 70N/35 IR	10	1393420000

Type	Qty.	Order No.
WQV 70N/2	192 A	5 9512240000
WQV 70N/3	192 A	5 9512250000
WQV 70N/4	192 A	5 9531290000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 70N	41 A	5 1964830000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
THS 9-40	1	9008880000

WDU 95N/120N

120 mm²

Compact design



27 x 91 x 90
290 / 150
16...150

Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	221
120	AWG 4...250	AWG 4...0	120 mm ²

8 kV / 3

B13 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...150	
16...120	
12...20 / (M 10)	
27 / S6 (DIN 6911)	

35...10 / 10...35

16...35 / 10...35

Type	Qty.	Order No.
WDU 95N/120N	5	1820550000
WDU 95N/120N BL	5	1820560000

Type	Qty.	Order No.
WQV 95N/120N/2	269 A	5 1826890000
WQV 95N/120N/3	269 A	5 1826900000
WQV 95N/120N/4	269 A	5 1826910000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 95N/120N	41 A	5 1859580000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000



Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

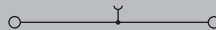
WDU 240

240 mm²




Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

36 x 100 x 123.7
415 / 240
70...240




Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	

IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	1100
415	380	400	350
240		AWG 0...500	240 mm ²
8 kV / 3			
B15 / V-0			

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²

CE  KEMA01ATEX2186U

Rated connection	Further connection
70...185 / 70...240	
70...240 / 70...185	
25...30 / (M 10)	
40 / S8 (DIN 6911)	
/ 35...95	
50...95 / 35...50	

Note

Ordering data

Version	
	dark beige
	Blue

Note

Type	Qty.	Order No.
WDU 240	2	1802780000
WDU 240 BL	2	1822210000

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	dark beige, screwable
Cover	With lightning flash symbol
Additional connection	10 mm ²
Marking tags	
Screwdriver	Standard

Type	Qty.	Order No.
WQB 240/2	320 A 5	1802790000
WQB 240/3	320 A 5	1802800000
WEW 35/1	50	1059000000
WZAD 240	57 A 5	1802810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

For detailed information on other accessories and application in the online catalogue



Leaf clamp

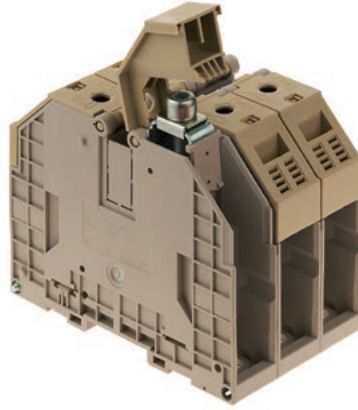
Leaf clamp conductor connection for large cross-sections

It is no longer the case that conductors with large cross-sections have to be forced into the clamping point. Instead, they can now be easily laid in the modular terminal.

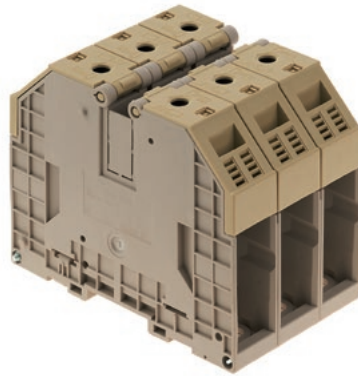
In addition to the individual form, every type of terminal can also be supplied in the form of 3-, 4- and 5-pole blocks. All the blocks are permanently screwed together and therefore guarantee additional rigidity. Direct mounting is possible thanks to the elongated holes on the underside of the terminals. Terminal blocks can be screwed directly to mounting plates with a 25 mm pitch.

The other advantages are:

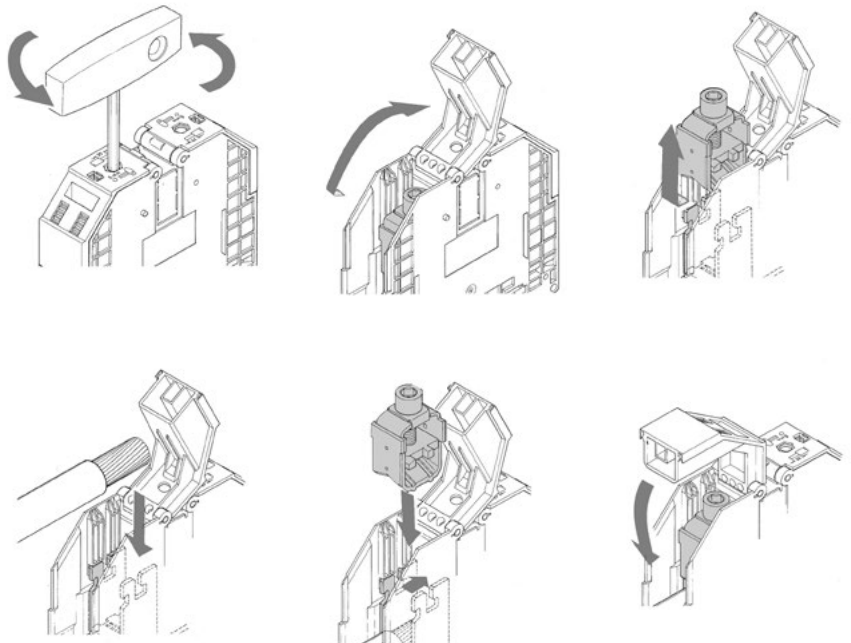
- Constant force transfer through selfadjusting connection system
- Mounting in any direction
- Electric shock protection (finger-proof) to German standard VBG 4, also with cross-connections
- Extremely resistant to distortion



Open cover and remove screw assembly



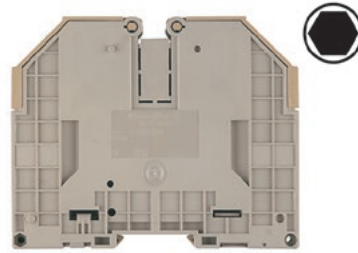
Close cover and tighten screw with Allen key



WDU 70/95

95 mm²

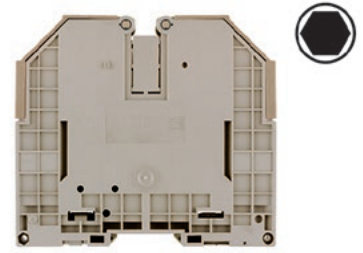
Conductor can be inserted from above / leaf spring



WDU 120/150

120 mm²

Conductor can be inserted from above / leaf spring



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

27 x 132 x 107
232 / 120
13.3...120

32 x 132 x 117
309 / 150
33.63...150

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
232	175	205	218
95	AWG 6...0	AWG 6...0	95 mm ²

8 kV / 3
B12 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...50	
6...12 / (M 8)	
30 / S6 (DIN 6911)	
/ 16...35	
16...35 / 16...35	

IEC 60947-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
269	225	285	265
120	AWG 2...250	AWG 2...250	150 mm ²

8 kV / 3
B13 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
35...150 / 35...150	
35...150 / 35...150	
10...20 / (M 10)	
35 / S6 (DIN 6911)	
/ 35...70	
35...70 / 35...70	

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WDU 70/95	10	1024600000
WDU 70/95 BL	10	1024680000

Type	Qty.	Order No.
WDU 120/150	10	1024500000
WDU 120/150 BL	10	1024580000

Accessories

Screwable cross-connection	
	2-pole
	3-pole
End bracket	dark beige, screwable
Cover	With lightning flash symbol Blank, white
Additional connection	4mm ²
Marking tags	
Screwdriver	Standard

Type	Qty.	Order No.
WQV 70/95/2	232 A 5	1063500000
WQV 70/95/3	232 A 5	1063600000
WEW 35/1	50	1059000000
WAD 27 B GE/SW	10	1062860000
WAD 27 NE WS	10	1062960000
WZAD 70/95	32 A 10	1066000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Type	Qty.	Order No.
WQV 120/2	269 A 5	1063300000
WQV 120/3	292 A 5	1063400000
WEW 35/1	50	1059000000
WAD 27 B GE/SW	10	1062860000
WAD 27 NE WS	10	1062960000
WZAD120	10	1066100000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series) Feed-through terminal blocks

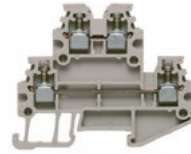
Universal range

A

WDK 1.5/R3.5

1.5 mm²

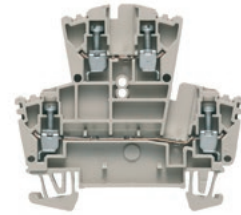
Double feed-through terminal



WDK 2.5

2.5 mm²

Screwable cross-connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 46.5 x 37.5	
16 / 15	
0.13...1.5	

5.1 x 69.5 x 63	
32 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	275
16	15	10	15
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
4 kV / 3			
A1 / V-0			

Ex eb II
C Gb II 2 G D

Rated connection	Further connection
0.5...1.5 / 1.5...1.5	
0.5...1.5 / 0.5...0.5	
0.3...0.3 / (M 2)	
7 / 0.4 x 2.5 mm	

DEMKO15ATEX1346U

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	10	21
2.5	AWG 22...12	AWG 26...12	4 mm ²
6 kV / 3			
A3 / V-0			

Ex eb II
C Gb II 2 G D

Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

DEMKO15ATEX1346U

Ordering data

Version	
dark beige	
Blue	
Orange	
Note	

Type	Qty.	Order No.
WDK 1.5/R3.5	100	1753290000
Note		

Type	Qty.	Order No.
WDK 2.5	100	1021500000
WDK 2.5 BL	100	1021580000
Note		

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
2-pole	
10-pole	
Screwable cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
Blue	
dark beige	
End bracket	
dark beige	
Cover	
With lightning flash symbol	
Blank, white	
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
Note		
Note		
Note		
WAP WDK1.5/R3.5	20	1754200000
Note		
Note		
EW 15	50	0382860000
Note		
Note		
DEK 5/3.5 MC NE WS	500	1755270000
DEK 5/3.5 MM WS	1000	2007100000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

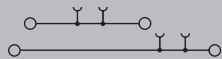
WDK 2.5 ZQV

2.5 mm²

Plug-in cross-connection



5.1 x 69 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	25	21
2.5	AWG 22...12	AWG 26...12	4 mm ²

6 kV / 3
A3 / V-0

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

0.5...1.5 / 0.5...1.5

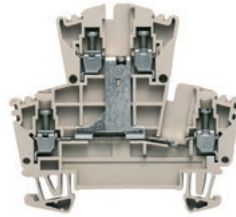
Type	Qty.	Order No.
WDK 2.5 ZQV	100	1041100000
WDK 2.5 ZQV BL	100	1041180000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

WDK 2.5 V

2.5 mm²

Both levels at one potential



5.1 x 69.5 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
400	600	300	275
24	20	10	24
2.5	AWG 30...12	AWG 26...12	4 mm ²

6 kV / 3
A3 / V-0

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

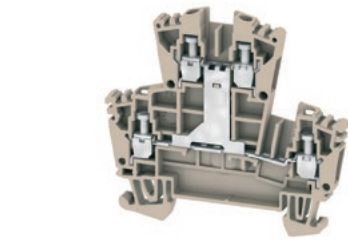
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDK 2.5V	50	1022300000
WDK 2.5V BL	50	1022380000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

WDK 2.5 V ZQV

2.5 mm²



5.1 x 69.5 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
400	600	600	275
24	20	25	21
2.5	AWG 30...12	AWG 30...12	4 mm ²

/ 3
A3 / V-0

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDK 2.5V ZQV	50	2739600000
WDK 2.5V ZQV BL	50	2739610000
WDK 2.5V ZQV OR	50	2732600000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

Universal range

A

WDK 2.5 DU-PE

2.5 mm²

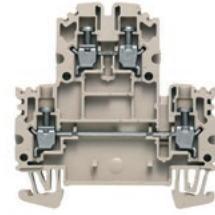
Lower level earthed on terminal rail



WDK 2.5N

2.5 mm²

Plug-in cross-connection
Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 69.5 x 62.5	
32 / 4	
0.05...4	

5.1 x 61 x 62	
28 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1 (-7-2) Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	20	23
2.5	AWG 22...12	AWG 22...12	4 mm ²
6 kV / 3			
A3 / V-0			

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	20	21
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 2.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	

Ordering data

Version	dark beige Blue
Note	

Type	Qty.	Order No.
WDK 2.5DU-PE	50	1036400000

Type	Qty.	Order No.
WDK 2.5N	50	1041600000
WDK 2.5N BL	50	1041680000

Accessories

Screwable cross-connection	2-pole 10-pole
End plate / Partition plate	dark beige Blue dark beige
End bracket	dark beige
Cover	With lightning flash symbol Blank, white
Marking tags	
Plug-in cross-connection	2-pole 10-pole

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

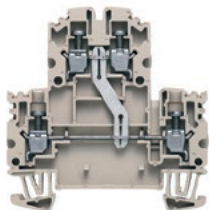
Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

For detailed information on other accessories and application in the online catalogue

WDK 2.5N V

2.5 mm²

Both levels at one potential
Compact design



5.1 x 61 x 62
28 / 4
0.05...4



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	20	24
2.5	AWG 26...12	AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0



DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	

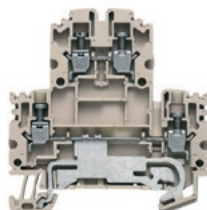
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDK 2.5N V	50	1041610000

WDK 2.5N DU-PE

2.5 mm²

Lower level earthed on terminal rail
Compact design



5.1 x 61 x 62
28 / 4
0.05...4



Ex eb II
C Gb II 2 G D

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	300	300	550
24		20	24
2.5		AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0



DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDK 2.5N DU-PE	50	1041650000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000



Screw connection with clamping yoke technology (W-Series)

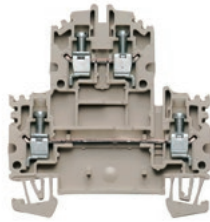
Feed-through terminal blocks

WDK 4N

4 mm²

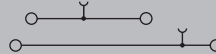
Solid/stranded

Flexible / flexible with wire-end ferrule



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 63.25
35 / 6
0.13...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
32	35	30	30
4	AWG 26...10	AWG 26...10	6 mm ²
8 kV / 3			
A4 / V-0			

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 / (M 3)	
8 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WDK 4N	50	1041900000
WDK 4N BL	50	1041980000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Marking tags	

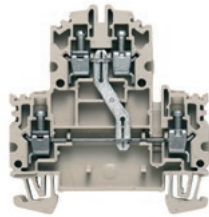
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 PLUS MC NE WS	600	1951880000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

WDK 4N V

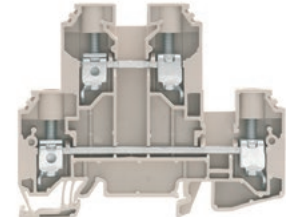
4 mm²

Both levels at one potential
Compact design



WDK 10

10 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60.7 x 63.25
35 / 6
0.13...6

9.9 x 85 x 69
70 / 16
1.5...16

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
32	35	30	30
4	AWG 26...10	AWG 26...10	6 mm ²
8 kV / 3			
A4 / V-0			

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 / (M 3)	
8 / 0.6 x 3.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

Ordering data

Version	
	dark beige
	Blue
	dark beige / blue
Note	

Type	Qty.	Order No.
WDK 4N V	50	1041910000

Type	Qty.	Order No.
WDK 10	50	1186740000
WDK 10 BL	50	1186750000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Marking tags	
Screwable cross-connection	
	2-pole
	10-pole
Cover	
	Blank, white
	Blank, yellow
Screwdriver	
	Standard

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 PLUS MC NE WS	600	1951880000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000

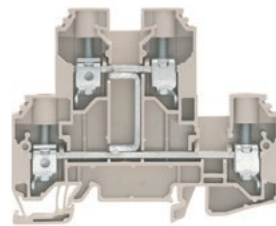
For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

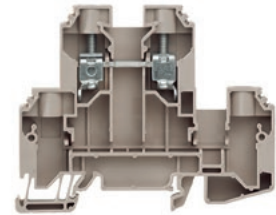
WDK 10 V

10 mm²



WDK 10 L

10 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9.9 x 85 x 69	
73 / 16	
1.5...16	

9.9 x 85 x 69	
70 / 16	
1.5...16	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600	600	
57	49	49	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
CE			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
1.2...1.9 / (M 4)			
12 / 1.0 x 5.5 mm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800		1000	
57		70	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
CE			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
1.2...1.9 / (M 4)			
12 / 1.0 x 5.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	dark beige / blue
Note	

Type	Qty.	Order No.
WDK 10 V	50	1186770000
WDK 10 V BL	50	1186780000
Note		

Type	Qty.	Order No.
WDK 10 L	50	1415510000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Marking tags	
Screwable cross-connection	
	2-pole
	10-pole
Cover	
	Blank, white
	Blank, yellow
Screwdriver	
	Standard

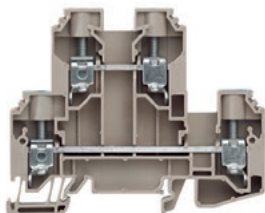
Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000
Note		

Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000
Note		

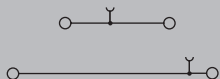
For detailed information on other accessories and application in the online catalogue

WDK 10 DU-N

10 mm²



9.9 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			

CE UK CA

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
WDK 10 DU-N	50	1415520000

Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000



Screw connection with clamping yoke technology (W-Series)

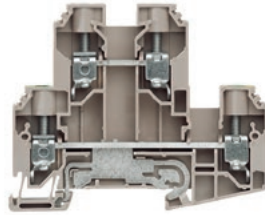
Feed-through terminal blocks

Universal range

A

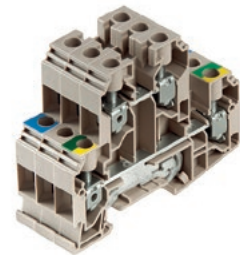
WDK 10 DU-PE

10 mm²



WDK 10 SET BCD

10 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9.9 x 85 x 69	
70 / 16	
1.5...16	

29.7 x 85 x 69	
70 / 16	
1.5...16	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
57	40	40	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			

CE, UK, PA, RAL

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			

CE, UK, PA, RAL

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

Ordering data

Version	
	dark beige
	with PE foot
	dark beige / green / yellow
Note	

Type	Qty.	Order No.
WDK 10 DU-PE	50	1415480000

Type	Qty.	Order No.
WDK 10 SET BCD	1	1415540000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige, screwable
Screwdriver	
	Standard
Cover	
	Blank, white
	Blank, yellow
Marking tags	
Cross-connector	
	black
	blue
	red

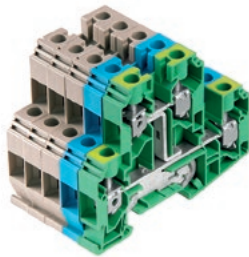
Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044

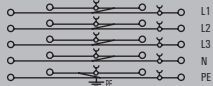
For detailed information on other accessories and application in the online catalogue

WDK 10 SET LS

10 mm²



49.5 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			



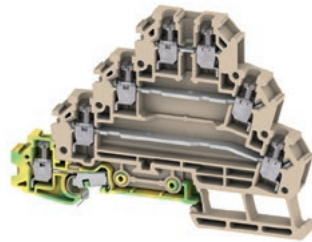
Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
WDK 10 SET LS	1	1415530000

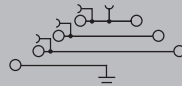
Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044

MAK 2.5

2.5 mm²



6.2 x 88 x 63
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			



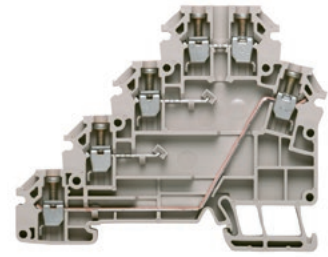
Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1 / 0.5...1	
0.5...1 / 0.5...0.75	

Type	Qty.	Order No.
MAK 2.5 DB	50	7917030000

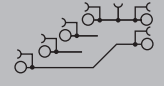
Type	Qty.	Order No.
AP MAK2.5 DB	20	7917000000
WEW 35/1	50	1059000000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 BL	17.5 A 5	1633280000
VQB 1.5/50 RT	17.5 A 5	1633290000

VLI 1.5

1.5 mm²



6.15 x 79.5 x 63
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...12		
4 kV / 3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
VLI 1.5 DB	50	1784120000
VLI 1.5/PE DB	50	1784130000

Type	Qty.	Order No.
AP VLI1.5 DB	20	1784150000
WEW 35/1	50	1059000000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 BL	17.5 A 5	1633280000
VQB 1.5/50 RT	17.5 A 5	1633290000

Screw connection with clamping yoke technology (W-Series)

PE terminal blocks

Universal range

A

WPE 1.5/R3.5

1.5 mm²

Protective earth terminal for TS 15



WPE 1.5/ZZ

1.5 mm²

Twin connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

3.5 x 24.5 x 24	
/ 1.5	
0.13...1.5	

5.1 x 60 x 46.5	
/ 2.5	
0.13...2.5	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...18	AWG 26...18	2.5 mm ²
400			
6			
180 A (1.5 mm ²)			
3			
A1 / V-0			

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	2.5 mm ²
800			
8			
180 A (1.5 mm ²)			
3			
A1 / V-0			

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque for fixing screw	
Stripping length / Blade size	mm

Rated connection	
0.5...1.5 / 1.5...1.5	
0.5...1.5 / 0.5...0.5	
0.3...0.3 / (M 2)	
7 / 0.4 x 2.5 mm	

Rated connection	
0.5...2.5 / 1.5...2.5	
0.5...1.5 / 0.5...1.5	
0.4...0.6 / (M 2.5)	
0.4...0.6 Nm	
7 / 0.6 x 3.5 mm	

Note

Note

Ordering data

Version	Green/yellow green/yellow
---------	------------------------------

Type	Qty.	Order No.
WPE 1.5/R3.5	50	1798460000

Type	Qty.	Order No.
WPE 1.5/ZZ	50	1016500000

Note

Note

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Screwdriver PH2
Marking tags	

Type	Qty.	Order No.
WAP WDU1.5/R3.5	20	1754190000
EW 15	50	0382860000
DEK 5/3.5 MC NE WS	500	1755270000
DEK 5/3.5 MM WS	1000	2007100000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

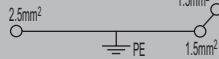
WPE 2.5/1.5/ZR

2.5 mm²

Supplementary connection, right 1.5 mm² & sup 2;



5.1 x 60 x 46.5
/ 4
0.05...4



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
0.4...0.6 Nm
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 2.5/1.5/ZR	50	1016400000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

AKE 2.5

2.5 mm²

Protective earth terminal for TS 15



5.1 x 28 x 26
/ 4
0.13...4



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
250			
4			
300 A (2.5 mm ²)			
3			
A3 / V-2			



Rated connection

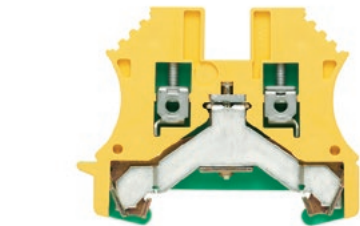
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 3.0 x 0.5 mm

Type	Qty.	Order No.
AKE 2.5	100	1303360000

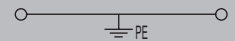
Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
EW 15	50	0382860000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044

WPE 2.5

2.5 mm²



5.1 x 60 x 46.5
/ 4
0.05...4



IEC 60947-7-2 Ex eb II C Gb **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			



Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
0.4...0.8 Nm
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 2.5	100	1010000000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

Screw connection with clamping yoke technology (W-Series)

PE terminal blocks

WPE 2.5N

2.5 mm²

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 54 x 37	
/ 4	
0.05...4	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
500			
6			
300 A (2.5 mm ²)			
3			
A3 / V-0			

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque for fixing screw	
Stripping length / Blade size	mm

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
0.4...0.6 Nm	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	Green/yellow green/yellow

Note

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Screwdriver PH2
Marking tags	

Type	Qty.	Order No.
WPE 2.5N	50	1016200000

Type	Qty.	Order No.
WAP WDU2.5N/4N	50	1060000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

AKE 4

4 mm²

Protective earth terminal for TS 15



6.1 x 27 x 29	
/ 4	
0.13...4	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...12	AWG 26...12	4 mm ²
500			
6			
480 A (4 mm ²)			
3			
A3 / V-0			

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...1 / (M 3)	
9 / 0.6 x 3.5 mm	

Note

Type	Qty.	Order No.
AKE 4	100	0380260000

Type	Qty.	Order No.
AP AKZ4	20	0294460000
EW 15	50	0382860000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000

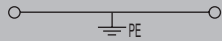
For detailed information on other accessories and application in the online catalogue

WPE 4

4 mm²



6.1 x 56 x 46.5
/ 6
0.13...6



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



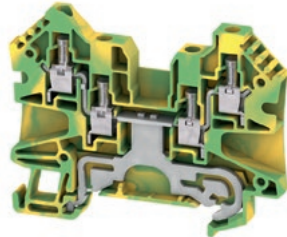
Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1 / (M 3)
0.4...0.8 Nm
10 / 0.6 x 3.5 mm

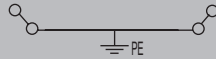
WPE 4/ZZ

4 mm²

Twin connection



6.1 x 70 x 53
/ 6
0.05...6



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



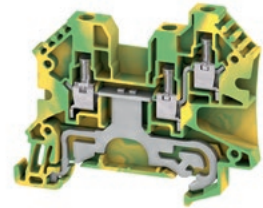
Rated connection

0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...0.8 / (M 3)
10 / 0.6 x 3.5 mm

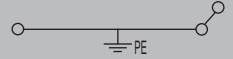
WPE 4/ZR

4 mm²

Additional connection, right side



6.1 x 63.5 x 52.8
/ 6
0.05...6



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection

0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...0.8 / (M 3)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4	100	1010100000

Type	Qty.	Order No.
WPE 4/ZZ	50	1905130000

Type	Qty.	Order No.
WPE 4/ZR	50	1905120000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

Type	Qty.	Order No.
WAP WDU/WTR4/ZZ	50	1905150000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

Type	Qty.	Order No.
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000



**Screw connection with clamping yoke technology (W-Series)
PE terminal blocks**

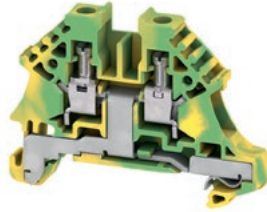
Universal range

A

WPE 4N

4 mm²

Compact design



WPE 6

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.1 x 50 x 37	
/ 6	
0.13...6	

7.9 x 56 x 46.5	
/ 10	
0.08...10	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm ²
500			
6			
480 A (4 mm ²)			
3			
A3 / V-0			

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 20...8	AWG 20...8	6 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque for fixing screw	
Stripping length / Blade size	mm

Rated connection		
0.5...6 / 1.5...6		
0.5...4 / 0.5...4		
0.5...1 / (M 3)		
10 / 0.6 x 3.5 mm		

Rated connection		
0.5...10 / 1.5...10		
0.5...10 / 0.5...6		
0.8...1.3 / (M 3)		
0.5...1.0 Nm		
12 / 4.0 x 0.8 mm		

Note

Ordering data

Version	green/yellow
Note	

Type	Qty.	Order No.
WPE 4N	50	1042700000

Type	Qty.	Order No.
WPE 6	50	1010200000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige, screwable
Screwdriver	Screwdriver PH2 Standard
Marking tags	
PEN bridge	

Type	Qty.	Order No.
WAP WDU2.5N/4N	50	1060000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.8X4.0X100	1	2749360000
DEK 5/8 MC NE WS	800	1856740000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

WPE 10

10 mm²



9.9 x 56 x 46.5
/ 16
1.31...16



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10 mm ²
800			
8			
1200 A (10 mm ²)			
3			
B6 / V-0			



Rated connection

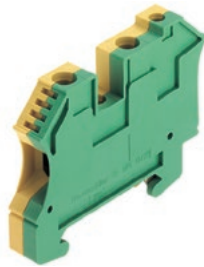
1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...2.4 / (M 4)
0.5...1.0 Nm
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WPE 10	50	1010300000

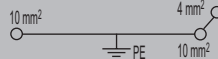
Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WQB-PEN 10	57 A 10	1060300000

WPE 10/ZR

10 mm²



9.9 x 66 x 49
/ 16
1.31...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 14...6	
1000			
8			
1200 A (10 mm ²)			
3			
B6, A4 / V-0			



Rated connection

1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...1.9 / (M 4)
0.5...1.0 Nm
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 10/ZR	50	1042500000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WQB-PEN 10	57 A 10	1060300000

WPE 16

16 mm²



11.9 x 56 x 62.5
/ 25
1.5...25



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...6	16 mm ²
1000			
8			
1920 A (16 mm ²)			
3			
B7 / V-0			



Rated connection

1.5...16 / 1.5...25
1.5...25 / 1.5...16
2...3.6 / (M 5)
1.2...2.4 Nm
16 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WPE 16	50	1010400000

Type	Qty.	Order No.
WEW 35/1	50	1059000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WQB-PEN 16	76 A 10	1060200000



Screw connection with clamping yoke technology (W-Series)

PE terminal blocks

WPE 16N

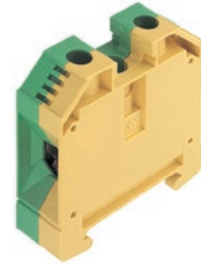
16 mm²

Compact design



WPE 35

35 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

12 x 56 x 46.5	
/ 25	
1.5...25	

16 x 56 x 62.5	
/ 35	
2.5...35	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...6	AWG 14...6	
690			
6			
	1920 A (16 mm ²)		
	3		
	B7 / V-0		

IEC 60947-7-2

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm ²
800			
8			
	4200 A (35 mm ²)		
	3		
	B8 / V-0		

Clamped conductors

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque for fixing screw	
Stripping length / Blade size	mm

CE

Rated connection

1.5...16 / 1.5...25
1.5...16 / 4...16
1.2...2.4 / (M 4)
0.5...1.0 Nm
12 / 1.0 x 5.5 mm

CE

Rated connection

2.5...50 / 2.5...50
2.5...35 / 2.5...35
4...5 / (M 6)
1.2...2.4 Nm
18 / 6.5 x 1.2 mm

Note

Ordering data

Version	
	Green/yellow
	green/yellow

Note

Type	Qty.	Order No.
WPE 16N	50	1019100000

Type	Qty.	Order No.
WPE 35	25	1010500000

Accessories

PEN bridge	
End bracket	dark beige dark beige, screwable
Screwdriver	Standard
Marking tags	

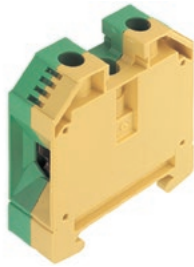
Type	Qty.	Order No.
WQV 16N-PEN BL	76 A 10	1071360000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WQB-PEN 35	135 A 10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

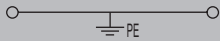
For detailed information on other accessories and application in the online catalogue

WPE 35/IKSC

35 mm²



16 x 56 x 62.5
/ 35
2.5...35



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	35 mm ²
800			
8			
4200 A (35 mm ²)			
3			
B8 / V-0			



Rated connection

2.5...16 / 2.5...35
2.5...35 / 2.5...35
5 / (M 6)
1.2...2.4 Nm
18 / S4 (DIN 6911)

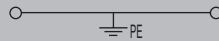
WPE 35N

35 mm²

Compact design



16 x 66 x 50.5
/ 50
2.5...50



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2		35 mm ²
400			
6			
4200 A (35 mm ²)			
3			
B8 / V-0			



Rated connection

2.5...16 / 2.5...50
2.5...35 / 2.5...35
4...5 / (M 6)
1.2...2.4 Nm
18 / 6.5 x 1.2 mm

WPE 50N

50 mm²

Compact design



18.5 x 71 x 69.6
/ 70
5.26...70



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	50 mm ²
1000			
8			
6000 A (50 mm ²)			
3			
B10 / V-0			



Rated connection

10...16 / 10...70
10...50
4...6 / (M 6)
3.0...4.0 Nm
24 / S4 (DIN 6911)

Type	Qty.	Order No.
WPE 35/IKSC	25	1012600000

Type	Qty.	Order No.
WPE 35N	20	1717740000

Type	Qty.	Order No.
WPE 50N	10	1846040000

Type	Qty.	Order No.
WQB-PEN 35	135 A 10	1060100000

Type	Qty.	Order No.
WEW 35/2	50	1061200000

Type	Qty.	Order No.
WQV PEN 50N	150 A 5	9201610000

WEW 35/1	50	1059000000
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SDS 1.2X6.5X150	1	2749390000
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WEW 35/1	50	1059000000
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SDS 1.2X6.5X150	1	2749390000
-----------------	---	------------

DEK 5/5 MC NE WS	1000	1609801044
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SKS 2,0-8,0 MR	1	9008870000
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WS 12/6.5 MC NE WS	540	1609920000
--------------------	-----	------------

DEK 5/5 MC NE WS	1000	1609801044
------------------	------	------------

DEK 5/8 MC NE WS	800	1856740000
------------------	-----	------------

WS 12/6.5 MC NE WS	540	1609920000
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WS 12/6.5 MC NE WS	540	1609920000
--------------------	-----	------------

WS 12/6.5 MC NE WS	540	1609920000
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Screw connection with clamping yoke technology (W-Series)

PE terminal blocks

Universal range

A

WPE 70N/35

70 mm²

Compact design



WPE 95N/120N

95 mm²

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

20.5 x 75 x 85	
/ 95	
16...95	

27 x 91 x 90	
/ 150	
16...150	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex eb II C Gb

IEC	UL	CSA	EN 60079-7
70	AWG 6...0	AWG 6...0	70 mm ²
1000			
8			
8400 A (70 mm ²)			
3			
B11 / V-0			

IEC 60947-7-2 Ex eb II C Gb

IEC	UL	CSA	EN 60079-7
95	AWG 4...0	AWG 4...0	120 mm ²
1000			
8			
11400 A (95 mm ²)			
3			
B13 / V-0			

Clamped conductors

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque for fixing screw	
Stripping length / Blade size	mm

Rated connection	
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
2.0...4.0 Nm	
22 / S6 (DIN 6911)	

Rated connection	
16...16 / 16...150	
16...120	
16...20 / (M 10)	
3.0...4.0 Nm	
27 / S6 (DIN 6911)	

Note

Ordering data

Version	Green/yellow green/yellow
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Type	Qty.	Order No.
WPE 70N/35	10	9512200000

Type	Qty.	Order No.
WPE 95N/120N	5	1846030000

Note

Accessories

PEN bridge	
End bracket	dark beige dark beige, screwable
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
WQV 70N-PEN	192 A	5 9525840000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

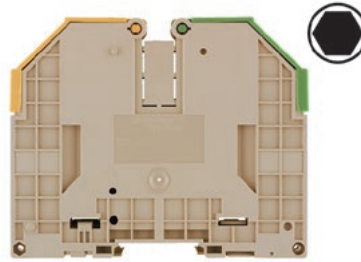
Type	Qty.	Order No.
WQV PEN 95N/120N	269 A	5 9201630000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

WPE 70/95

95 mm²

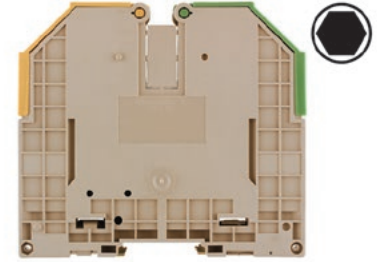
Conductor can be inserted from above / leaf spring



WPE 120/150

120 mm²

Conductor can be inserted from above / leaf spring



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

27 x 132 x 107	
/ 120	
13.3...120	

32 x 132 x 117	
/ 150	
33.62...150	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 6...0	AWG 6...0	95 mm ²
1000			
8			
11400 A (95 mm ²)			
3			
B12 / V-0			

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	150 mm ²
1000			
8			
14400 A (120 mm ²)			
3			
B13 / V-0			

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque for fixing screw	
Stripping length / Blade size	mm

Rated connection		
16...16 / 16...120		
16...95 / 35...50		
6...12 / (M 8)		
3.0...6.0 Nm		
30 / S6 (DIN 6911)		

Rated connection		
35...150 / 35...150		
35...150 / 35...50		
10...20 / (M 10)		
3.0...6.0 Nm		
35 / S6 (DIN 6911)		

Note

Ordering data

Version	Note
green/yellow	

Type	Qty.	Order No.
WPE 70/95	10	1037300000

Type	Qty.	Order No.
WPE 120/150	10	1019700000

Accessories

PEN bridge	
End bracket	dark beige, screwable
Marking tags	
Screwdriver	Standard

Type	Qty.	Order No.	
WQV 70/95-PEN	232 A	5	1072300000
WEW 35/1	50	1059000000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/6.5 MC NE WS	540	1609920000	
SKS 2,0-8,0 MR	1	9008870000	

Type	Qty.	Order No.	
WQV 120-PEN	292 A	5	1072400000
WEW 35/1	50	1059000000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/6.5 MC NE WS	540	1609920000	
SKS 2,0-8,0 MR	1	9008870000	

For detailed information on other accessories and application in the online catalogue



Screw connection with clamping yoke technology (W-Series)

PE terminal blocks

Universal range

A

WDK 2.5 PE

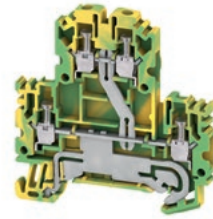
2.5 mm²



WDK 2.5N PE

2.5 mm²

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 69.5 x 62.5	
/ 4	
0.05...4	

5.1 x 60.7 x 54.95	
/ 4	
0.05...4	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	4 mm ²
400			
6			
300 A (2.5 mm ²)			
3			
A3 / V-0			

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	4 mm ²	
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	

Note

Ordering data

Version	green/yellow
Note	

Type	Qty.	Order No.
WDK 2.5PE	50	1036300000

Type	Qty.	Order No.
WDK 2.5N PE	50	1041620000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
	Standard
Marking tags	
Cover	
	Blank, white
	Blank, yellow

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

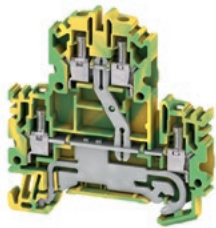
Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

WDK 4N PE

4 mm²

Compact design



6.1 x 60.7 x 63.25
/ 6
0.13...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
480 A (4 mm ²)			
3			
A3 / V-0			

Rated connection

0.5...6 / 1.5...6

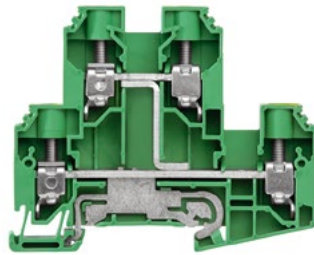
0.5...4 / 1.5...4

0.5...1 / (M 3)

8 / 0.6 x 3.5 mm

WDK 10 PE

10 mm²



9.9 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 18...6	AWG 18...6	
800			
8			
1200 A (10 mm ²)			
3			
B6 / V-0			

Rated connection

1.5...16 / 1.5...16

1.5...16 / 1.5...16

1.2...1.9 / (M 4)

12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WDK 4N PE	50	1041920000

Type	Qty.	Order No.
WDK 10 PE	50	1415470000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.	
WQV 10/2	76 A	50	1052560000
WQV 10/10	63 A	20	1052460000
WAP WDK10	20	1186720000	
WAP WDK10 BL	20	1186730000	
WEW 35/2	50	1061200000	
SDS 1.0X5.5X150	1	2749380000	
DEK 5/5 MC NE WS	1000	1609801044	
WAD 8 MC NE WS	48	1112940000	
WAD 8 MC NE GE	48	1112950000	

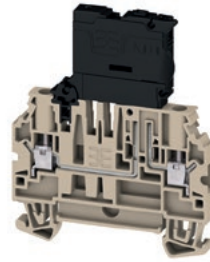


Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

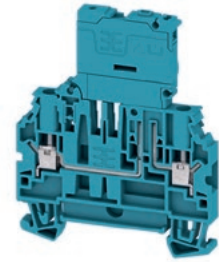
W2C 4 FS DB

4 mm²



W2C 4 FS BL

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 75
6.3 / 6
0.25...6

6.1 x 60 x 75
6.3 / 6
0.25...6

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			
The voltage depends on the selected fuse element or the selected indicator light.			

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			
The voltage depends on the selected fuse element or the selected indicator light.			

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
W2C 4 FS DB	50	2892900000
W2C 4 FS 10-36V DB	50	2892980000
W2C 4 FS 30-70V DB	50	2893010000
W2C 4 FS 60-150V DB	50	2893040000
W2C 4 FS 100-250V DB	50	2893080000

Type	Qty.	Order No.
W2C 4 FS BL	50	2892910000
W2C 4 FS 10-36V BL	50	2892990000
W2C 4 FS 30-70V BL	50	2893020000
W2C 4 FS 60-150V BL	50	2893050000
W2C 4 FS 100-250V BL	50	2893090000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
End plate	
dark beige	
blue	
Black	
End bracket	
dark beige	
Screwdriver	
Screwdriver PH2	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
0.25 A fast	
0.50 A fast	
1.00 A fast	
2.00 A fast	
Marking tags	
WS 8/6 MM WS	600
DEK 5/6 MM WS	600
DEK 5/6 PLUS MC NE WS	1000
DEK 5/5 MC NE WS	1000

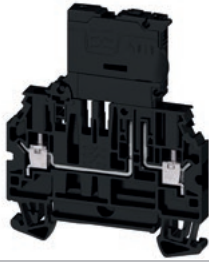
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

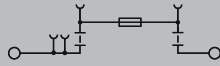
For detailed information on other accessories and application in the online catalogue

W2C 4 FS BK

4 mm²



6.1 x 60 x 75
6.3 / 6
0.25...6



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			

UL US UK CA

Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

The voltage depends on the selected fuse element or the selected indicator light.

Type	Qty.	Order No.
W2C 4 FS BK	50	2892920000
W2C 4 FS 10-36V BK	50	2893000000
W2C 4 FS 30-70V BK	50	2893030000
W2C 4 FS 60-150V BK	50	2893070000
W2C 4 FS 100-250V BK	50	2893110000

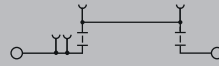
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

W2C 4 DTCA DB

4 mm²



6.1 x 60 x 75
20 / 6
0.25...6



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
20			
4			
6 kV / 3			
A3 / V-0			

Rated connection

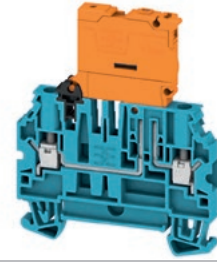
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DTCA DB	50	3018840000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

W2C 4 DTCA BL

4 mm²



6.1 x 60 x 75
20 / 6
0.25...6



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
20			
4			
6 kV / 3			
A3 / V-0			

Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DTCA BL	50	3018940000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

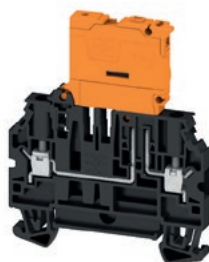


Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

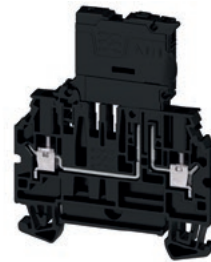
W2C 4 DTCA BK

4 mm²



W2C 4 FS BK STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 75
20 / 6
0.25...6

6.1 x 60 x 75
6.3 / 6
0.25...6

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
500			
20			
4			
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

Note

The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
W2C 4 DTCA BK	50	3019240000

Type	Qty.	Order No.
W2C 4 FS BK STB	50	2892930000
W2C 4 FS 10-36V BK STB	50	2892940000
W2C 4 FS 30-70V BK STB	50	2892950000
W2C 4 FS 60-150V BK STB	50	2892960000
W2C 4 FS 100-250V BK STB	50	2892970000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	dark beige
Screwdriver	Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

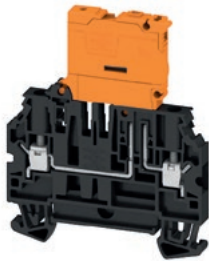
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

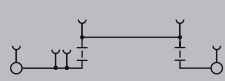
For detailed information on other accessories and application in the online catalogue

W2C 4 DTCA BK STB

4 mm²



6.1 x 60 x 75
20 / 6
0.25...6



IEC 60947-7-1

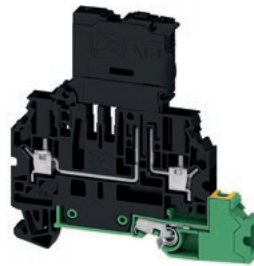
IEC	UL	CSA	EN 60079-7
500			
20			
4			
6 kV / 3			
A3 / V-0			

Rated connection

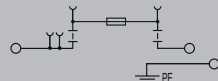
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

W2C 4 FS-PE BK

4 mm²



6.1 x 72.5 x 75
6.3 / 6
0.25...6



IEC 60947-7-3, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			



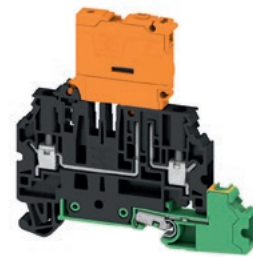
Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

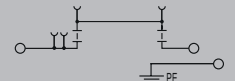
The voltage depends on the selected fuse element or the selected indicator light.

W2C 4 DTCA-PE BK

4 mm²



6.1 x 72.5 x 75
20 / 6
0.25...6



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			
20			
4			
6 kV / 3			
A3 / V-0			

Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DTCA BK STB	50	3019260000

Type	Qty.	Order No.
W2C 4 FS-PE BK	50	2893120000
W2C 4 FS-PE 10-36V BK	50	2893140000
W2C 4 FS-PE 30-70V BK	50	2893150000
W2C 4 FS-PE 60-150V BK	50	2893160000
W2C 4 FS-PE 100-250V BK	50	2893170000

Type	Qty.	Order No.
W2C 4 DTCA-PE BK	50	3019280000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

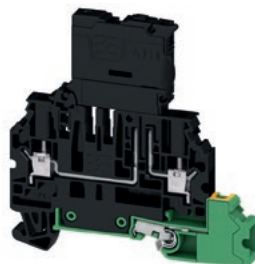


Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

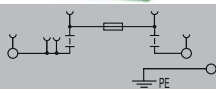
W2C 4 FS-PE BK STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 72.5 x 75
6.3 / 6
0.25...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-3, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

Note

The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	

Note

Type	Qty.	Order No.
W2C 4 FS-PE BK STB	50	2893130000
W2C 4 FS-PE 10-36V BK STB	50	2893180000
W2C 4 FS-PE 30-70V BK STB	50	2893190000
W2C 4 FS-PE 60-150V BK STB	50	2893200000
W2C 4 FS-PE 100-250V BK STB	50	2893210000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

WSI 4

4 mm²

WSI 4

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8 x 50.7 x 42.5
6.3 / 4
0.5...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	
4	AWG 30...12	AWG 30...12	
			6 kV / 3
			V-0



Rated connection	
0.5...4 / 1.5...4	
0.5...4	
0.4...0.4 / (M 3)	
0.6 x 3.5 mm	

Note

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
140-250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
WSI 4	50	1886580000
WSI 4/LD 10-36V AC/DC	50	1886590000
WSI 4/LD 30-70V AC/DC	50	1886560000
WSI 4/LD 60-150V AC/DC	50	1886570000
WSI 4/LD 140-250V AC/DC	50	1886550000

Accessories

End bracket	dark beige
Screwdriver	With "swifty set" cutting device Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	0.25 A fast 0.50 A fast 1.00 A fast 2.00 A fast
Marking tags	

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

Type	Order No.
WSI 4	1886580000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	63 °C	4.0 W / 6.3 A	34 °C	1.6 W / 6.3 A
In combination	47 °C	2.5 W / 6.3 A	23 °C	1.6 W / 6.3 A

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

WSI 4 Ex

4 mm²

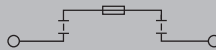


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8 x 50.7 x 42.5

6.3 / 4

0.5...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

Ex ec II C Gc

II 3 G



IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	6.3
4	AWG 30...12	AWG 30...12	4 mm ²

6 kV / 3

V-0

CE, c, us, KEUR, UK, CA, DEMKO14ATEX1389U

Rated connection

0.5...4 / 1.5...4

0.5...4

0.4...0.4 / (M 3)

0.6 x 3.5 mm

Note

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
140-250 V AC/DC, with LED	

Note

Type	Qty.	Order No.
WSI 4	50	2562590000
WSI 4/LD 10-36V AC/DC	50	2564350000
WSI 4/LD 30-70V AC/DC	50	2564360000
WSI 4/LD 60-150V AC/DC	50	2564370000
WSI 4/LD 140-250V AC/DC	50	2564380000

Accessories

End bracket	dark beige
Screwdriver	With "swifty set" cutting device Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	0.25 A fast 0.50 A fast 1.00 A fast 2.00 A fast
Marking tags	

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

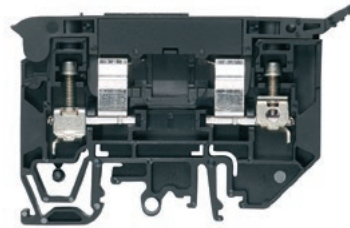
For detailed information on other accessories and application in the online catalogue

WSI 4/2

4 mm²

WSI 4/2

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9.1 x 81.6 x 53.5
10 / 6
0.5...6



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	15	15	
4	AWG 30...10	AWG 30...10	
6 kV / 3			
V-0			



Rated connection	
0.5...6 / 1.5...6	
0.5...6	
0.5...0.8 / (M 3)	
0.6 x 3.5 mm	

Note

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
WSI 4/2	25	1880430000
WSI 4/2/LD 10-36V AC/DC	25	1880410000
WSI 4/2/LD 30-70V AC/DC	25	1880440000
WSI 4/2/LD 60-150V AC/DC	25	1880420000
WSI 4/2/LD 140-250V AC/DC	25	1880390000

Accessories

End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	With "swifty set" cutting device
	Screwdriver PH2
Marking tags	

Type	Qty.	Order No.
WAP WSI4/2	50	1880450000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

Type	Order No.
WSI 4/2	1880430000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	55 °C	4.0 W / 10 A	35 °C	2.5 W / 2.5 A
In combination	68 °C	2.5 W / 2.5 A	41 °C	1.6 W / 1.0 A

For detailed information on other accessories and application in the online catalogue



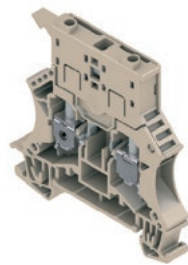
Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

WSI 6

6 mm²

Metric fuses

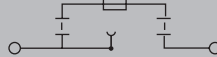


WSI 6

Overload and short-circuit protection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 60 x 61
6.3 / 10
0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (C)	
6.3	9.5	10	
6	AWG 22...8	AWG 20...8	
6 kV / 3			
V-0			



Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 / (M 3.5)	
0.8 x 4.0 mm	

Note

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
WSI 6	50	1011000000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
Screwdriver	
	Standard
End bracket	
	dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

Type	Qty.	Order No.
QL 2 SAK6N	41 A 50	0194300000
QL 10 SAK6N	41 A 20	0338300000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
SDS 0.8X4.0X100	1	2749360000
WEW 35/2	50	1061200000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

For detailed information on other accessories and application in the online catalogue

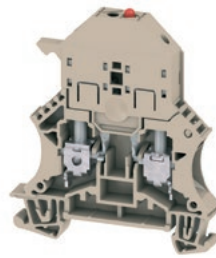
Type	Order No.
WSI 6	1011000000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	42 °C	4.0 W / 6.3 A	31 °C	1.6 W / 3.0 A
In combination	36 °C	2.5 W / 6.3 A	27 °C	1.6 W / 3.0 A

WSI 6 LED

6 mm²

Metric fuses / bipolar LED

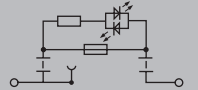


WSI 6 LED

Overload and short-circuit protection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 60 x 71.5
6.3 / 10
0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...8	
	6 kV / 3		
	V-0		

CE

Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 / (M 3.5)	
0.8 x 4.0 mm	

Note

Ordering data

Version	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
WSI 6/LD 10-36V DC/AC	10	1011300000
WSI 6/LD 30-70V DC/AC	10	1012200000
WSI 6/LD 60-150V DC/AC	10	1012300000
WSI 6/LD 250AC	10	1012400000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
Screwdriver	
	Standard
End bracket	
	dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

Type	Qty.	Order No.
QL 2 SAK6N	41 A 50	0194300000
QL 10 SAK6N	41 A 20	0338300000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP 2.5-10		
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
SDS 0.8X4.0X100		
SDS 0.8X4.0X100	1	2749360000
WEW 35/2		
WEW 35/2	50	1061200000
G 20/0.25A/F		
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS		
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS		
WS 12/6.5 MC NE WS	540	1609920000
DEK 5/8 MM WS		
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS		
WS 8/8 MM WS	500	2007170000

For detailed information on other accessories and application in the online catalogue



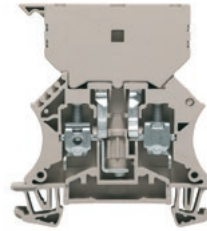
Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

WSI 6/2

6 mm²

Imperial fuses



WSI 6/2

Overload and short-circuit protection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 66.5
10 / 10
0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600 (C)	150 (C)	
10	16	16	
6	AWG 22...8	AWG 20...6	
6 kV / 3			
V-0			



Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 / (M 3.5)	
0.8 x 4.0 mm	

Note

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
WSI 6/2 GZ/DEF63	25	1014000000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
Marking tags	

Type	Qty.	Order No.
QL 2 SAK16	76 A 50	0470700000
QL 10 SAK16	76 A 20	0471000000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

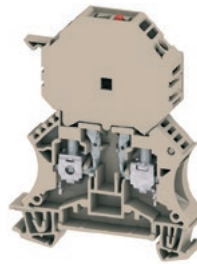
Type	Order No.
WSI 6/2 GZ/DEF63	1014000000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

WSI 6/2 LED

6 mm²

Imperial fuses / bipolar LED

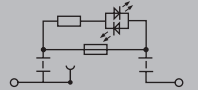


WSI 6/2 LED

Overload and short-circuit protection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 78.5
10 / 10
0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
10			
6	AWG 22...8	AWG 20...6	
	6 kV / 3		
	V-0		



Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 / (M 3.5)	
0.8 x 4.0 mm	

Note

Ordering data

Version	500 V AC/DC, without LED 10-36 V AC/DC, with LED 30-70 V AC/DC, with LED 60-150 V AC/DC, with LED 140-250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
WSI 6/2/LD 10-36V DC/AC	25	1014100000
WSI 6/2/LD 30-70V DC/AC	25	1014200000
WSI 6/2/LD 60-150VDC/AC	25	1014300000
WSI 6/2/LD 250AC	25	1014400000

Accessories

Screwable cross-connection	
2-pole	
10-pole	
Lock washer	
Mounting screw	
End plate / Partition plate	
dark beige	
dark beige	
Marking tags	

Type	Qty.	Order No.
QL 2 SAK16	76 A 50	0470700000
QL 10 SAK16	76 A 20	0471000000
SS M3 D 128-A 3	50	0164400000
KISC M3x5	100	1052100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

Type	Order No.
WSI 6/2/LD 10-36V DC/AC	1014100000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

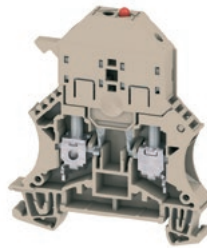
For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

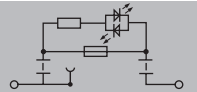
WSI 6/LD LLC

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 60 x 71.5
6.3 / 10
0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...8	
			/ 3
			V-0

CE UK CA

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

Note

Ordering data

Version	
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED

Note

Type	Qty.	Order No.
WSI 6/LD 10-36V LLC	10	1119840000
WSI 6/LD 30-70V LLC	10	1119830000
WSI 6/LD 60-150V LLC	10	1119850000
WSI 6/LD 250AC LLC	10	1119870000

Accessories

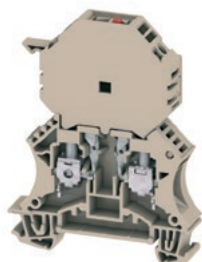
Screwable cross-connection	
	2-pole
	10-pole
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
QL 2 SAK6N	41 A 50	0194300000
QL 10 SAK6N	41 A 20	0338300000
KISC M3X20 SAK10 CU5	100	0377100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
SDS 0.8X4.0X100	1	2749360000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

For detailed information on other accessories and application in the online catalogue

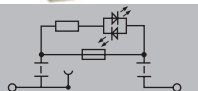
WSI 6/2/LD LLC

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 78.5
6.3 / 10
0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
10			
6	AWG 22...8	AWG 20...8	
			/ 3
			V-0

CE UK RA

Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 / (M 3.5)
0.8 x 4.0 mm

Note

Ordering data

Version	
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED

Type	Qty.	Order No.
WSI 6/2/LD 10-36V LLC	25	1119800000
WSI 6/2/LD 30-70V LLC	25	1119810000
WSI 6/2/LD 60-150V LLC	25	1119820000
WSI 6/2/LD 250AC LLC	25	1119790000

Note

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
QL 2 SAK16	76 A 50	0470700000
QL 10 SAK16	76 A 20	0471000000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP		
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW		
WEW 35/2	50	1061200000
SDS		
SDS 0.8X4.0X100	1	2749360000
DEK		
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue



Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

WSI 25 10x38

25 mm²



WSI 25 CC

25 mm²




Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

18 x 81 x 58
32 / 25
1.5...25





18 x 81 x 58
32 / 25
1.5...25



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
690			
32			
25		AWG 18...3	
		6 kV / 3	
		V-0	
			
Rated connection			
1.5...25 / 1.5...25			
1.5...25 / 1.5...25			
2...2.5 /			

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
690			
32			
25		AWG 18...3	
		6 kV / 3	
		V-0	
			
Rated connection			
1.5...25 / 1.5...25			
1.5...25 / 1.5...25			
2...2.5 /			

Note

Note

Note

Ordering data

Version	
1-pole, without LED	
2-pole, without LED	
3-pole, without LED	
1-pole, with LED	

Type	Qty.	Order No.
WSI 25/1 10X38	12	1966020000
WSI 25/2 10X38	6	1966090000
WSI 25/3 10X38	4	1966080000
WSI 25/1 10X38/LED 690V	12	1966060000

Type	Qty.	Order No.
WSI 25/1 CC	12	1966050000
WSI 25/2 CC	6	1966040000
WSI 25/3 CC	4	1966030000
WSI 25/1 CC/LED	12	1966070000

Note

Note

Note

Accessories

Marking tags	
Marking tags	
End bracket	
dark beige	

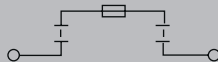
Type	Qty.	Order No.
ESG 6/15 K MC NE WS	200	1880100000
WEW 35/2	50	1061200000

Type	Qty.	Order No.
ESG 6/15 K MC NE WS	200	1880100000
WEW 35/2	50	1061200000

For detailed information on other accessories and application in the online catalogue

WSI 25/1 10x38 1KV

25 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

18 x 81 x 58
30 / 25
1.5...25

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60269-1

IEC	UL	CSA	EN 60079-7
1000			
30			
25		AWG 18...8	
		6 kV / 3	
		V-0	

CE UK

Rated connection	
1.5...25 / 1.5...25	
1.5...25 / 1.5...25	
2...2.5 /	

Note

Ordering data

Version	
1-pole, without LED	
1-pole, with LED	

Type	Qty.	Order No.
WSI 25/1 10X38 1KV	12	1137790000
WSI 25/1 10X38/LED 1KV	12	1137780000

Note

For detailed information on other accessories and application in the online catalogue

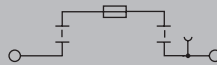
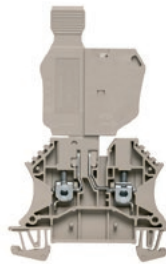


Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

WTR 2.5/SI

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 60 x 97
6.3 / 4
0.05...4

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400		300 (D)	
6.3		10	
2.5	AWG 22...12	AWG 26...12	
			6 kV / 3
			V-0

CE

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 / (M 2.5)	
0.6 x 3.5 mm	

Note

Ordering data

Version	
	400 V AC/DC, without LED
	10-36 V AC/DC, with LED

Note

Type	Qty.	Order No.
WTR 2.5/SI	25	1763940000
WTR 2.5/SI LD 36V	25	1763950000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Screwdriver	
	Screwdriver PH2
Marking tags	

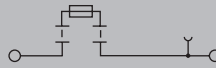
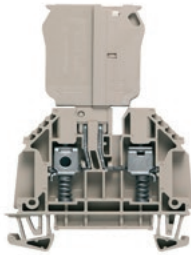
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

WTR 4 SI SL

4 mm²

With fuse holder



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 61.5 x 97
6.3 / 6
0.22...6

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300 (D)	300 (D)	
6.3	6.3	6.3	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
V-0			



Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

Note

Ordering data

Version	400 V AC/DC, without LED
Note	

Type	Qty.	Order No.
WTR 4 SI SL	25	7910330000

Accessories

Plug-in cross-connection	2-pole 10-pole
End plate / Partition plate	dark beige Black dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	0.25 A fast 0.50 A fast 1.00 A fast 2.00 A fast
End bracket	dark beige
Hak. Cable lugs	
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 2.5-10 SW	50	1050010000
WAP 16*35 WTW 2.5-10	20	1050100000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WEW 35/2	50	1061200000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

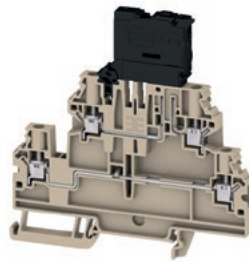


Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

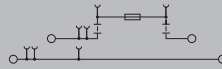
W2T 4 FS-FT DB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 95.5 x 99.5
6.3 / 6
0.25...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

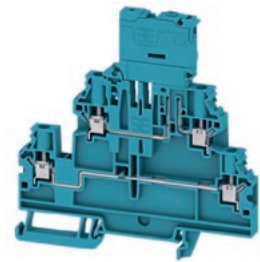
Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	dark beige
Screwdriver	Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

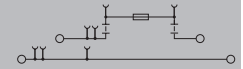
For detailed information on other accessories and application in the online catalogue

W2T 4 FS-FT BL

4 mm²



6.1 x 95.5 x 99.5
6.3 / 6
0.25...6



IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
		6 kV / 3	
		A3 / V-0	



Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

The voltage depends on the selected fuse element or the selected indicator light.

Type	Qty.	Order No.
W2T 4 FS-FT BL	50	2893860000
W2T 4 FS-FT 10-36V BL	50	2893890000
W2T 4 FS-FT 30-70V BL	50	2893920000
W2T 4 FS-FT 60-150V BL	50	2893950000
W2T 4 FS-FT 100-250V BL	50	2893980000

Type	Qty.	Order No.
W2T 4 FS-FT DB	50	2893850000
W2T 4 FS-FT 10-36V DB	50	2893880000
W2T 4 FS-FT 30-70V DB	50	2893910000
W2T 4 FS-FT 60-150V DB	50	2893940000
W2T 4 FS-FT 100-250V DB	50	2893970000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000

WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000

G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000

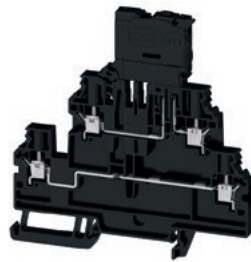
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000

G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

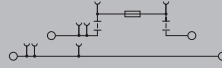
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

W2T 4 FS-FT BK

4 mm²

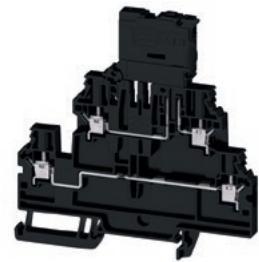


6.1 x 95.5 x 99.5
6.3 / 6
0.25...6

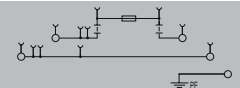


W2T 4 FS-FT BK STB

4 mm²



6.1 x 95.5 x 99.5
6.3 / 6
0.25...6



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	

Note

Accessories

Plug-in cross-connection	2-pole 10-pole
End plate	dark beige blue Black
End bracket	dark beige
Screwdriver	Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	0.25 A fast 0.50 A fast 1.00 A fast 2.00 A fast
Marking tags	

For detailed information on other accessories and application in the online catalogue

IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

The voltage depends on the selected fuse element or the selected indicator light.

Type	Qty.	Order No.
W2T 4 FS-FT BK	50	2893870000
W2T 4 FS-FT 10-36V BK	50	2893900000
W2T 4 FS-FT 30-70V BK	50	2893930000
W2T 4 FS-FT 60-150V BK	50	2893960000
W2T 4 FS-FT 100-250V BK	50	2893990000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000

WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000

G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

The voltage depends on the selected fuse element or the selected indicator light.

Type	Qty.	Order No.
W2T 4 FS-FT BK STB	50	2894000000
W2T 4 FS-FT 10-36V BK STB	50	2894010000
W2T 4 FS-FT 30-70V BK STB	50	2894020000
W2T 4 FS-FT 60-150V BK STB	50	2894030000
W2T 4 FS-FT 100-250V BK STB	50	2894040000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000

WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000

G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Screw connection with clamping yoke technology (W-Series)

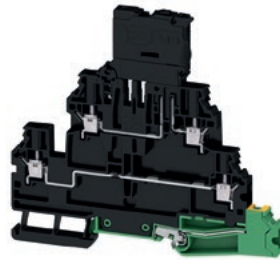
Fuse terminal blocks

Universal range

A

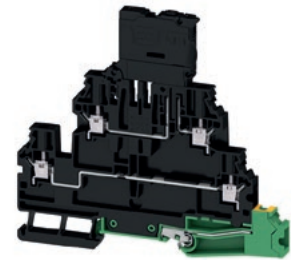
W2T 4 FS-FT-PE BK

4 mm²



W2T 4 FS-FT-PE BK STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 106.5 x 99.5	
6.3 / 6	
0.25...6	

6.1 x 106.5 x 99.5	
6.3 / 6	
0.25...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-3, IEC 60947-7-2, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
		6 kV / 3	
		A3 / V-0	

IEC 60947-7-3, IEC 60947-7-2, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
		6 kV / 3	
		A3 / V-0	

Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

Note

The voltage depends on the selected fuse element or the selected indicator light.

The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	

Type	Qty.	Order No.
W2T 4 FS-FT-PE BK	50	2894050000
W2T 4 FS-FT-PE 10-36V BK	50	2894060000
W2T 4 FS-FT-PE 30-70V BK	50	2894070000
W2T 4 FS-FT-PE 60-150V BK	50	2894080000
W2T 4 FS-FT-PE 100-250V BK	50	2894090000

Type	Qty.	Order No.
W2T 4 FS-FT-PE BK STB	50	2894100000
W2T 4 FS-FT-PE 10-36V BK STB	50	2894110000
W2T 4 FS-FT-PE 30-70V BK STB	50	2894120000
W2T 4 FS-FT-PE 60-150V BK STB	50	2894130000
W2T 4 FS-FT-PE 100-250V BK STB	50	2894140000

Note

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	dark beige
Screwdriver	Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

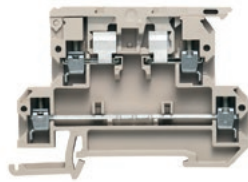
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

KDKS 1/35 DB

4 mm²

Metric fuses 5 x 20 mm



KDKS 1EN/LLC

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 73.5 x 55.6	
6.3 / 4	
0.22...4	

8 x 76.5 x 54.6	
/ 4	
0.22...4	

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (D)	
6.3	10	10	
4	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			



Rated connection		
0.5...4 / 1.5...4		
0.5...4		
0.5...0.8 / (M 3)		
0.6 x 3.5 mm		

IEC	UL	CSA	EN 60079-7
500	300 (C)	150 (C)	
6.3	20	25	
4	AWG 26...12	AWG 26...12	
/ 3			
V-0			



Rated connection		
0.5...4 / 1.5...4		
0.5...4		
0.5...0.8 / (M 3)		
0.6 x 3.5 mm		

Note

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
KDKS 1/35 DB	50	9532440000

Type	Qty.	Order No.
KDKS 1EN/LLC 10-36V AC/DC	50	9802720001
KDKS 1EN/LLC 30-70V AC/DC	50	9908510001
KDKS 1EN/LLC 100-250V AC/DC	50	9915820001

Accessories

End plate / Partition plate	dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

Type	Qty.	Order No.
AP KDKS1 DB	20	9532470000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS	800	1856740000

Type	Qty.	Order No.
AP KDKS1 DB	20	9532470000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS	800	1856740000

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

Universal range

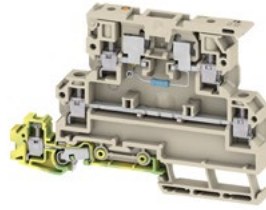
A

KDKS 1PE/LLC

4 mm²

KDKS 1/35 DB

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

8 x 91 x 65
/ 4
0.33...4

IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Blade size	

IEC	UL	CSA	EN 60079-7
500	300 (C)	150 (C)	
6.3	20	25	
4	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			



Rated connection	
0.5...4 / 1.5...4	
0.5...4	
0.5...1 / (M 3)	
0.6 x 3.5 mm	

Note

Ordering data

Version
500 V AC/DC, without LED
10-36 V AC/DC, with LED
30-70 V AC/DC, with LED
60-150 V AC/DC, with LED
100 - 250 V AC/DC, with LED

Type	Qty.	Order No.
KDKS 1PE/LLC 10-36V AC/DC	50	1518300000
KDKS 1PE/LLC 30-70V AC/DC	50	1518330000
KDKS 1PE/LLC 60-150V AC/DC	50	1518340000
KDKS 1PE/LLC 100-250V AC/DC	50	1518370000

Note

Accessories

End plate / Partition plate	
	dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
0.25 A fast	
0.50 A fast	
1.00 A fast	
2.00 A fast	
Marking tags	

Type	Qty.	Order No.
AP KDKS1 DB	20	9532470000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS	800	1856740000

Type	Order No.
KDKS 1/35 DB	9532440000

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	23 °C*	4.0 W / 10 A*	41 °C	1.6 W / 6.3 A
In combination	50 °C*	1.6 W / 6.3 A	23 °C	1.6 W / 6.3 A

*) Values not available → The values specified were not measured but instead read from the derating curves and transferred to the "only short-circuit protection" operating mode.

For detailed information on other accessories and application in the online catalogue



Fuse cartridges

Technical data

for terminal type:
 PSI 6/10
 WSI 4
 WSI 6
 AFS 4 2C BK
 PSI 6/10 SW
 ZSI 2.5
 ZSI 2.5-2/2X2AN/G20
 ZSI 6-2 2X2.5/G20
 KDKS 1/35 DB



Ordering data

G-type fuse cartridges 5 x 20 without indicator in accordance with IEC 60127-2 (VDE 0820 T.2 BI) ¹⁾						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
Cartridge fuse Rated breaking capacity	G-Si. 5 x 20 1.5 kA	0.1	quick-acting	G 20/0.10A/F	10	0430300000
		0.2	quick-acting	G 20/0.20A/F	10	0430400000
		0.25	quick-acting	G 20/0.25A/F	10	0430500000
		0.5	quick-acting	G 20/0.50A/F	10	0430600000
		0.63	quick-acting	G 20/0.63A/F	10	0439000000
		1	quick-acting	G 20/1.00A/F	10	0430700000
		1.6	quick-acting	G 20/1.60A/F	10	0430800000
		2	quick-acting	G 20/2.00A/F	10	0430900000
		2.5	quick-acting	G 20/2.50A/F	10	0431000000
		3.15	quick-acting	G 20/3.15A/F	10	0431100000
		4	quick-acting	G 20/4.00A/F	10	0431200000
		5	quick-acting	G 20/5.00A/F	10	0431300000
6.3	quick-acting	G 20/6.30A/F	10	0431400000		

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
 WSI 6



Ordering data

G-type fuse cartridges 5 x 25 with code in acc. with DIN 41576 ¹⁾						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
Cartridge fuse Rated breaking capacity	G-Si. 5 x 25 80 A	0.25	medium time-lag	G 25/0.25A/M GE	10	0546900000
		0.5	medium time-lag	G 25/0.50A/M WS	10	0510300000
		0.8	medium time-lag	G 25/0.80A/M GR	10	0646400000
		1	medium time-lag	G 25/1.00A/M RT	10	0265800000
		2	quick-acting	G 25/2.00A/F BL	10	0192700000
		4	quick-acting	G 25/4.00A/F BR	10	0192800000
		6.3	quick-acting	G 25/6.30A/F GN	10	0192900000
		10	medium time-lag	G 25/10.0A/M RT	10	0193100000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
 WSI 4/2
 WSI 6/2 GZ/DEF63



Ordering data

Fuse cartridges 1/4" x 1/4" without indicator in acc. with BS 88						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
Cartridge fuse Rated breaking capacity	G-Si. 6.3 x 32 50 kA	0.5	quick-acting	GZ 0.5A/F	10	1460580000
		1	quick-acting	GZ 1.0A/F	10	1460590000
		2	quick-acting	GZ 2.0A/F	10	1460600000
		3	quick-acting	GZ 3.0A/F	10	1460610000
		5	quick-acting	GZ 5.0A/F	10	1460620000
		7	quick-acting	GZ 7.0A/F	10	1460630000
		10	quick-acting	GZ 10.0A/F	10	1460640000
		12.5	quick-acting	GZ 12.5A/F	10	1460650000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
 SAKS 2/35 DB



Ordering data

D-type fuse cartridge E 16 with indicator in acc. with DIN 49360 (Diazed)						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
Cartridge fuse Rated breaking capacity	25	10	slo-blo	E 16/10A RT TNDZ	25	0208500000
		16	slo-blo	E 16/16A GR TNDZ	25	0208600000
		20	slo-blo	E 16/20A BL TNDZ	25	0208700000
		25	slo-blo	E 16/25A GE TNDZ	25	0208800000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
 SAKS 4/35 DB



Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed) ³⁾						
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.	
Cartridge fuse Rated breaking capacity	25	10	slo-blo	E 14/10A RT	10	0328400000
		16	slo-blo	E 14/16A GR	10	0328500000
		2	slo-blo	E 14/2A RS	10	0137400000
		4	slo-blo	E 14/4A BR	10	0137500000
		6	slo-blo	E 14/6A GN	10	0328300000

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

Technical data

for terminal type:
SAKS 5/35 DB



Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed)³⁾

Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.
	20	slo-blo	E 18/20A BL	10	0361300000
	25	slo-blo	E 18/25A GE	10	0361400000
Cartridge fuse	35	slo-blo	E 18/35A SW	10	0361500000
Rated breaking capacity	50	slo-blo	E 18/50A WS	10	0361600000
	63	slo-blo	E 18/63A KU	10	0361700000

(M) = medium time-lag; (F) = quick-acting

- 1) The company SIBA supplies G-type fuse cartridges 5 x 25 with indicator, also in marine engineering version for 450 V~.
- 2) Fuse cartridges 5 x 30 (500 V~) für SAKS 3 are available from the company WICKMANN.
- 3) The company LINDNER supplies Neozed fuse cartridges, also in a further marine engineering version for 440 V~.
- 4) Fuse cartridges with the dimensions 1"x1/4" = 25.4x6.35 mm and 13/32"x11/2" = 10.3x38.1 mm are not in the programme.
- 5) Only for SAKS 1 and SAKS 7.

Gauge rings

Technical data

for terminal type:
SAKS 4/35 DB



Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 14/2 D01 RS SAKS4	E14 / 2	2 A	pink	50	0138000000
P 14/4 D01 BR SAKS4	E14 / 4	4 A	brown	50	0138100000
P 14/6 D01 GN SAKS4	E14 / 6	6 A	green	50	0328600000
P 14/10 D01 RT SAKS4	E14 / 10	10 A	red	50	0328700000

Technical data

for terminal type:
SAKS 5/35 DB



Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 18/20 D02 BL SAKS5	E18 / 20	20 A	blue	50	0361800000
P 18/25 D02 GE SAKS5	E18 / 25	25 A	yellow	50	0361900000
P 18/35 D02 SW SAKS5	E18 / 35	35 A	black	50	0362000000
P 18/50 D02 SI SAKS5	E18 / 50	50 A	silver	50	0362100000



Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

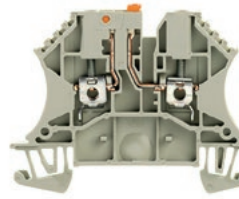
Universal range

A

WTR 2.5

2.5 mm²

With clamping screw



WTR 2.5 STB

2.5 mm²

With sockets



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 60 x 48	
24 / 4	
0.05...4	

5.1 x 60 x 48	
24 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	300	
24	20	10	
2.5	AWG 30...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

Rated connection	
0.5...4 / 1.5...4	
0.5...4	
0.4...0.8 / (M 2.5)	
10 / 0.6 x 3.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	10	
2.5	AWG 30...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...0.7 / (M 3)	
10 / 0.6 x 3.5 mm	

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
Note	

Type	Qty.	Order No.
WTR 2.5	100	1855610000
WTR 2.5 BL	100	8731640000
WTR 2.5/0.TNHE	100	8731700000

Type	Qty.	Order No.
WTR 2.5 STB2.3	100	1855620000
WTR 2.5 STB2.3 BL	100	8731660000
WTR 2.5/0.TNHE STB2.3	100	8731670000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Screwdriver	
	Screwdriver PH2
Testing / Checking	
	Test adapter
	Test plug
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
SDS 0.6X3.5X100	1	2749340000
WTA 6 WTR2.5	6 A 25	1632380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

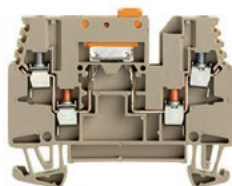
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
SDS 0.6X3.5X100	1	2749340000
PS 2.3 RT	20 mA 20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

WTR 2.5/ZZ

2.5 mm²

Twin connection



5.1 x 60 x 46.5
16 / 4
0.13...4



IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

CE

Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.5...1 / (M 3)

7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 2.5/ZZ	50	1039900000
WTR 2.5/ZZ BL	50	1039980000
WTR 2.5/ZZ 0.TNHE	50	1774670000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WTR2.5/ZZ	20	1074600000
WEW 35/2	50	1061200000
SIHA 1/G20	6.3 A 25	9537550000
SIHA 1/G20 10-36V	6.3 A 25	9537560000

SDS 0.6X3.5X100	1	2749340000
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DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

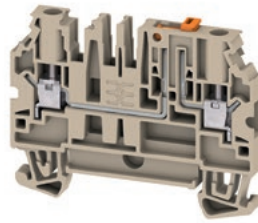


Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

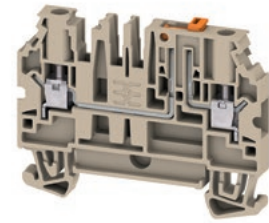
W2C 4 DT

4 mm²



W2C 4 DT STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 48	
28 / 6	
0.25...6	

6.1 x 60 x 48	
28 / 6	
0.25...6	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500			
28			
4	AWG 24...12		
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...0.8 / (M 3)			
8 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500			
28			
4	AWG 24...12		
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...0.6 / (M 3)			
8 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
dark beige	
Blue	
Black	
Note	

Type	Qty.	Order No.
W2C 4 DT	50	2892740000
W2C 4 DT BL	50	2892750000
W2C 4 DT BK	50	2892760000
Note		

Type	Qty.	Order No.
W2C 4 DT STB	50	2892770000
Note		

Accessories

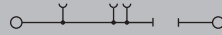
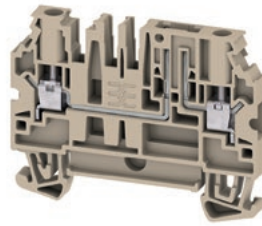
Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
Marker holder	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
Switch lock	
	red
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4		
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2		
WEW 35/2	50	1061200000
SDS 0.6X3.5X100		
SDS 0.6X3.5X100	1	2749340000
BZT W2C 4		
BZT W2C 4	20	2894270000
SIHA 3/G20		
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR		
TNST OR	20 A 50	2463540000
DTLE 2.5/4		
DTLE 2.5/4	25	2910530000
BEST		
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS		
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS		
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS		
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS		
DEK 5/5 MC NE WS	1000	1609801044
Note		

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4		
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2		
WEW 35/2	50	1061200000
SDS 0.6X3.5X100		
SDS 0.6X3.5X100	1	2749340000
BZT W2C 4		
BZT W2C 4	20	2894270000
SIHA 3/G20		
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR		
TNST OR	20 A 50	2463540000
DTLE 2.5/4		
DTLE 2.5/4	25	2910530000
BEST		
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS		
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS		
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS		
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS		
DEK 5/5 MC NE WS	1000	1609801044
Note		

W2C 4 DT W/O DTLV

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 48
28 / 6
0.25...6

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
28			
4	AWG 24...12		
		6 kV / 3	
		A3 / V-0	



Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...0.8 / (M 3)	
8 / 0.6 x 3.5 mm	
Note	

Ordering data

Version	
	without isolator, dark beige
	without isolator, black
	without isolator, blue
Note	

Type	Qty.	Order No.
W2C 4 DT W/O DTLV	50	2892780000
W2C 4 DT W/O DTLV BK	50	2892800000
W2C 4 DT W/O DTLV BL	50	2892790000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	dark beige
Screwdriver	Screwdriver PH2
Marker holder	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	orange
Module connector (max. 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A	1527930000
ZQV 4N/10	32 A	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
BZT W2C 4	20	2894270000
SIHA 3/G20	6.3 A	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A	2463540000
BEST	50	1833100000
BEST/D	1 A	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044
Note		



Screw connection with clamping yoke technology (W-Series)

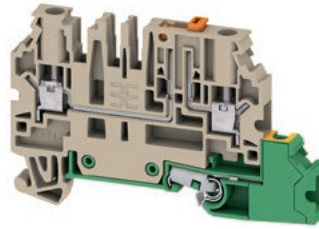
Test-disconnect terminal blocks

Universal range

A

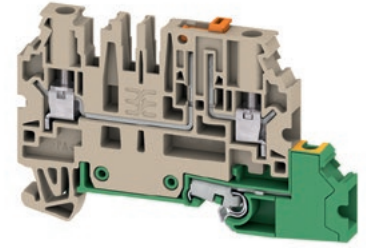
W2C 4 DT-PE

4 mm²



W2C 4 DT-PE STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 72.5 x 48	
28 / 6	
0.25...6	

6.1 x 72.5 x 48	
28 / 4	
0.25...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1, IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
500			
28			
4	AWG 24...12		
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...0.8 / (M 3)			
8 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1, IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
500			
28			
4	AWG 24...12		
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...0.6 / (M 3)			
8 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
W2C 4 DT-PE	50	2892810000
Note		

Type	Qty.	Order No.
W2C 4 DT-PE STB	50	2892820000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
Marker holder	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
Switch lock	
	red
Module connector (max. 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	
For detailed information on other accessories and application in the online catalogue	

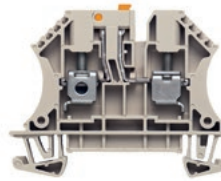
Type	Qty.	Order No.	
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4	20	2894210000	
WEP 2C 4 BL	20	2894220000	
WEP 2C 4 BK	20	2894230000	
WEW 35/2	50	1061200000	
SDS 0.6X3.5X100	1	2749340000	
BZT W2C 4	20	2894270000	
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000	
SIHA 3/G20/LD 35-70V	25	7921580000	
SIHA 3/G20/LD 60-150V	25	7921590000	
SIHA 3/G20/LD 140-250V	25	7921600000	
TNST OR	20 A	50	2463540000
DTLE 2.5/4	25	2910530000	
BEST	50	1833100000	
BEST/D	1 A	50	1878560000
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
DEK 5/6 PLUS MC NE WS	1000	1011320000	
DEK 5/5 MC NE WS	1000	1609801044	
Note			

Type	Qty.	Order No.	
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4	20	2894210000	
WEP 2C 4 BL	20	2894220000	
WEP 2C 4 BK	20	2894230000	
WEW 35/2	50	1061200000	
SDS 0.6X3.5X100	1	2749340000	
BZT W2C 4	20	2894270000	
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000	
SIHA 3/G20/LD 35-70V	25	7921580000	
SIHA 3/G20/LD 60-150V	25	7921590000	
SIHA 3/G20/LD 140-250V	25	7921600000	
TNST OR	20 A	50	2463540000
DTLE 2.5/4	25	2910530000	
BEST	50	1833100000	
BEST/D	1 A	50	1878560000
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
DEK 5/6 PLUS MC NE WS	1000	1011320000	
DEK 5/5 MC NE WS	1000	1609801044	
Note			

WTR 4

4 mm²

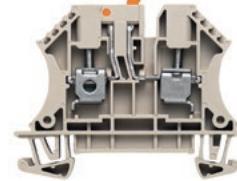
With clamping screw



WTR 4 STB

4 mm²

With socket



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 48	
32 / 6	
0.22...6	

6.1 x 60 x 48	
32 / 6	
0.22...6	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
500	300	300	
32	10	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
A4 / V-0			
Rated connection			
0.5...6 / 1.5...6			
0.5...4 / 0.5...2.5			
0.5...0.6 / (M 3)			
13 / 0.6 x 3.5 mm			
Note			

IEC	UL	CSA	EN 60079-7
500	300	300	
32	10	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
A4 / V-0			
Rated connection			
0.5...6 / 1.5...6			
0.5...4 / 0.5...2.5			
0.5...0.6 / (M 3)			
13 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
Note	

Type	Qty.	Order No.
WTR 4	50	7910180000
WTR 4 BL	50	7910190000
WTR 4/O.TNHE	50	2436380000
Note		

Type	Qty.	Order No.
WTR 4 STB	50	7910210000
WTR 4 STB BL	50	7910220000
WTR 4 STB/O.TNHE	50	2436390000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Screwdriver	
	Screwdriver PH2
Testing / Checking	
	Test plug
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP		
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW		
WEW 35/2	50	1061200000
SIHA		
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST		
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
SDS		
SDS 0.6X3.5X100	1	2749340000
WS		
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
Note		

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP		
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW		
WEW 35/2	50	1061200000
SIHA		
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST		
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
SDS		
SDS 0.6X3.5X100	1	2749340000
PS		
PS 2.3 RT	20 mA 20	0180400000
WS		
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
Note		

For detailed information on other accessories and application in the online catalogue

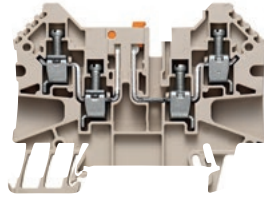
Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

WTR 4/ZZ

4 mm²

Twin connection with clamping screw

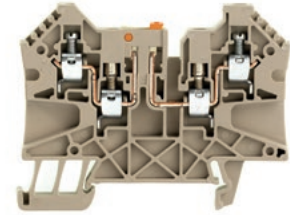


6.1 x 70 x 53	
27 / 6	
0.05...6	

WTR 4/ZZ STB

4 mm²

Twin connection with socket



6.1 x 70 x 53	
27 / 6	
0.05...6	

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
6 kV / 3			
A4 / V-0			
Rated connection			
0.5...6 / 1.5...6			
0.5...4 / 0.5...2.5			
0.5...1 / (M 3)			
10 / 0.6 x 3.5 mm			
Note			

IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
6 kV / 3			
A4 / V-0			
Rated connection			
0.5...6 / 1.5...6			
0.5...4 / 0.5...2.5			
0.5...1 / (M 3)			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
Note	

Type	Qty.	Order No.
WTR 4/ZZ	50	1905090000
WTR 4/ZZ BL	50	1193450000
WTR 4/ZZ/O.TNHE	50	2436420000
Note		

Type	Qty.	Order No.
WTR 4/ZZ STB	50	1905100000
WTR 4/ZZ STB BL	50	1231330000
WTR 4/ZZ STB/O.TNHE	50	2436360000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
End bracket	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	removable, as replacement for release lever
Screwdriver	Screwdriver PH2
Hak. Cable lugs	
Marking tags	
Testing / Checking	Test plug
For detailed information on other accessories and application in the online catalogue	

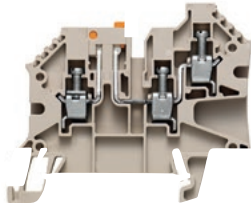
Type	Qty.	Order No.	
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP WDU/WTR4/ZZ	50	1905150000	
WEW 35/2	50	1061200000	
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000	
SIHA 3/G20/LD 140-250V	25	7921600000	
BEST	50	1833100000	
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
SDS 0.6X3.5X100	1	2749340000	
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
WS 12/5 MC NE WS	720	1609860000	
Note			

Type	Qty.	Order No.	
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP WDU/WTR4/ZZ	50	1905150000	
WEW 35/2	50	1061200000	
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000	
SIHA 3/G20/LD 140-250V	25	7921600000	
BEST	50	1833100000	
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
SDS 0.6X3.5X100	1	2749340000	
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
WS 12/5 MC NE WS	720	1609860000	
PS 2.3 RT	20 mA	20	0180400000
Note			

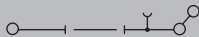
WTR 4/ZR

4 mm²

Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53
27 / 6
0.05...6



IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
		6 kV / 3	
		A4 / V-0	

CE

Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
10 / 0.6 x 3.5 mm

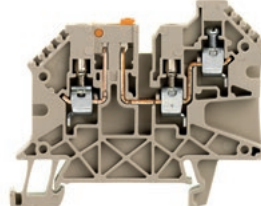
Type	Qty.	Order No.
WTR 4/ZR	50	1905080000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
WS 12/5 MC NE WS	720	1609860000

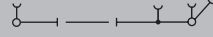
WTR 4/ZR STB

4 mm²

Supplementary connection with socket



6.1 x 63.5 x 53
27 / 6
0.05...6



IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
		6 kV / 3	
		A4 / V-0	

CE

Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
10 / 0.6 x 3.5 mm

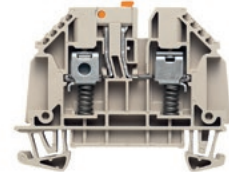
Type	Qty.	Order No.
WTR 4/ZR STB	50	1905110000
WTR 4/ZR STB/O.TNHE	50	2436410000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
WS 12/5 MC NE WS	720	1609860000
PS 2.3 RT	20 mA 20	0180400000

WTR 4 SL

4 mm²

With clamping screw



6.1 x 61.5 x 46.5
32 / 6
0.22...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
		6 kV / 2	
		A4 / V-0	

CE

Rated connection

0.5...6 / 1.5...6
0.5...4
0.5...0.6 / (M 3)
13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4 SL	50	7910270000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000



Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

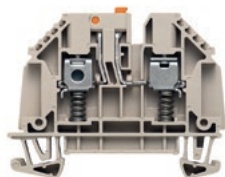
Universal range

A

WTR 4 SL STB

4 mm²

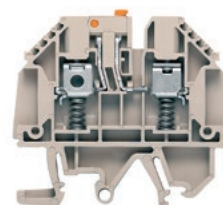
With socket



WTR 4 SL/EN

4 mm²

with clamping screw



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 61.5 x 46.5
32 / 6
0.22...6

6.1 x 61.5 x 51
32 / 6
0.22...6

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
A4 / V-0			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
6 kV / 2			
A4 / V-0			



Rated connection	
0.5...6 / 1.5...6	
0.5...4	
0.5...0.6 / (M 3)	
13 / 0.6 x 3.5 mm	



Rated connection	
0.5...6 / 1.5...6	
0.5...4	
0.5...1 / (M 3)	
13 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
dark beige	
Blue	

Note

Type	Qty.	Order No.
WTR 4 STB SL	50	7910300000
WTR 4 STB SL BL	50	7910310000

Type	Qty.	Order No.
WTR4 SL/EN	50	7910360000

Accessories

Plug-in cross-connection	2-pole
	10-pole
End plate / Partition plate	dark beige
	dark beige
End bracket	dark beige
Hak. Cable lugs	dark beige
Testing / Checking	Test plug
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
PS 2.3 RT	20 mA 20	0180400000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

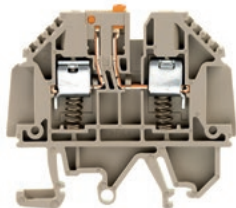
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

WTR 4 STB SL/EN

4 mm²

With socket



6.1 x 61.5 x 51
32 / 6
0.22...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
A4 / V-0			



Rated connection

0.5...6 / 1.5...6

0.5...4

0.5...1 / (M 3)

13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR4 SL/EN STB	50	7910390000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000



Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

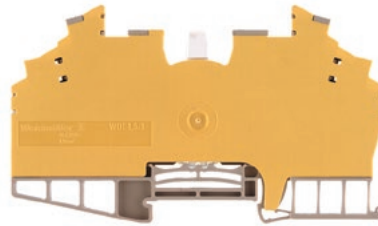
Universal range

A

WDT 1.5/1

1.5 mm²

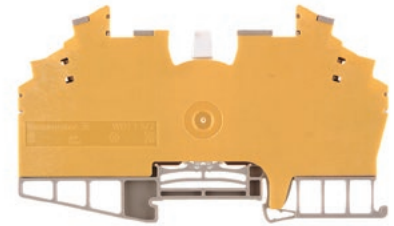
Disconnection lower level



WDT 1.5/2

1.5 mm²

Disconnection both levels



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.4 x 112 x 66	
10 / 2.5	
0.13...2.5	

6.4 x 112 x 66	
10 / 2.5	
0.13...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A2 / V-0			

CE

Rated connection	
0.5...2.5 / 1.5...2.5	
0.5...1.5 / 0.5...1.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A2 / V-0			

CE

Rated connection	
0.5...2.5 / 1.5...2.5	
0.5...1.5 / 0.5...1.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
WDT 1.5/1 DB/GE	25	1015800000

Type	Qty.	Order No.
WDT 1.5/2 DB/GE	25	1015900000

Accessories

End bracket	dark beige
Screwdriver	Screwdriver PH2
Locking lever	
Marking tags	

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
RAHE LN WDT1.5	10	1865410000
DEK 5/6.5 MC NE WS	900	1609840000
WS 8/5 MC NE WS	720	1640740000

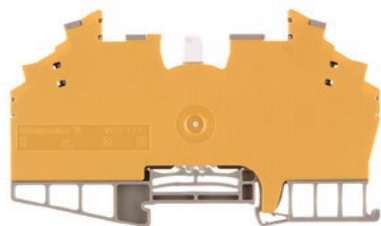
Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
RAHE LN WDT1.5	10	1865410000
DEK 5/6.5 MC NE WS	900	1609840000
WS 8/5 MC NE WS	720	1640740000

For detailed information on other accessories and application in the online catalogue

WDT 1.5/3

1.5 mm²

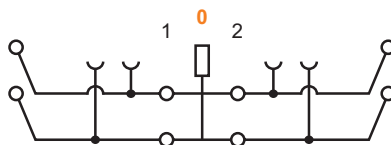
Disconnection lower level or both levels



6.4 x 112 x 66
10 / 2.5
0.13...2.5



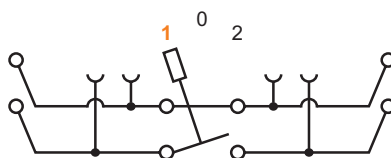
Switching position / Schaltposition 0



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A2 / V-0			

Switching position / Schaltposition 1



Rated connection

0.5...2.5 / 1.5...2.5

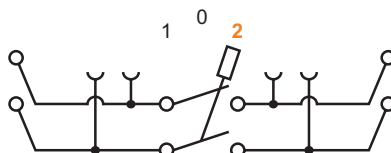
0.5...1.5 / 0.5...1.5

0.4...0.6 / (M 2.5)

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 1.5/3 DB/GE	25	1016000000

Switching position / Schaltposition 2



Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
RAHE LN WDT1.5	10	1865410000
DEK 5/6.5 MC NE WS	900	1609840000
WS 8/5 MC NE WS	720	1640740000

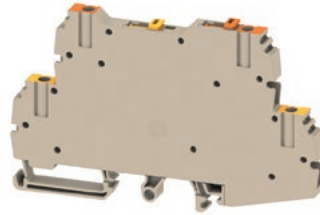


Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

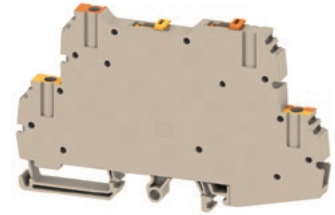
WDTR 2.5

2.5 mm²



WDTR 2.5/WE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.15 x 94 x 65	
17 / 4	
0.05...4	

6.15 x 94 x 65	
17 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	150	300	
17	20	17	
2.5	AWG 30...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.6 /			
8 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	150	300	
17	20	17	
2.5	AWG 30...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.6 /			
8 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	without STB
	Blue
	Blue, without STB
	Black
Note	

Type	Qty.	Order No.
WDTR 2.5	25	2456000000
WDTR 2.5 O.STB	25	2456030000
WDTR 2.5 BL	25	2456010000
WDTR 2.5 O.STB BL	25	2910900000
WDTR 2.5 BK	25	2851080000
Note		

Type	Qty.	Order No.
WDTR 2.5/WE	25	2456020000
Note		

Accessories

Cross-connector	
	black
	red
	blue
End bracket	
	dark beige
	black
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	removable, as replacement for release lever
	orange
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
	with wire jumper
Marking tags	
	WS 8/5 MC NE WS
	DEK 5/6 MC NE WS
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 RT	17.5 A 5	1633290000
VQB 1.5/50 BL	17.5 A 5	1633280000
End bracket		
WEW 35/2	50	1061200000
WEW 35/2 SW	50	1061210000
Screwdriver		
SDIS SLIM 0.6X3.5X100	1	2749610000
Holder for cartridge fuse 5 x 20 mm		
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
Disconnect plug		
TNST	20 A 50	1833090000
TNST OR	20 A 50	2463540000
Module connector (max, 250 V)		
WSD 2.5/SCAN WTR2.5	25	1058760000
BEST	50	1833100000
BEST/D	50	1878560000
BEST/DRBR	50	1878570000
Marking tags		
WS 8/5 MC NE WS	720	1640740000
DEK 5/6 MC NE WS	1000	1609820000
For detailed information on other accessories and application in the online catalogue		

Type	Qty.	Order No.
VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 RT	17.5 A 5	1633290000
VQB 1.5/50 BL	17.5 A 5	1633280000
End bracket		
WEW 35/2	50	1061200000
WEW 35/2 SW	50	1061210000
Screwdriver		
SDIS SLIM 0.6X3.5X100	1	2749610000
Holder for cartridge fuse 5 x 20 mm		
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
Disconnect plug		
TNST	20 A 50	1833090000
TNST OR	20 A 50	2463540000
Module connector (max, 250 V)		
WSD 2.5/SCAN WTR2.5	25	1058760000
BEST	50	1833100000
BEST/D	50	1878560000
BEST/DRBR	50	1878570000
Marking tags		
WS 8/5 MC NE WS	720	1640740000
DEK 5/6 MC NE WS	1000	1609820000
For detailed information on other accessories and application in the online catalogue		



Screw connection with clamping yoke technology (W-Series)

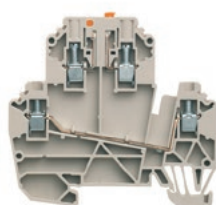
Test-disconnect terminal blocks

Universal range

A

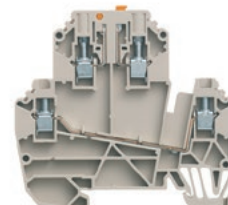
WDK 2.5/TR-DU

2.5 mm²



WDK 2.5/TR-DU/STB

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 72.5 x 67.5	
24 / 4	
0.5...4	

5.1 x 72.5 x 67.5	
24 / 4	
0.5...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 30...12	AWG 30...12	
8 kV / 3			
A2 / V-0			

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 30...12	AWG 30...12	
8 kV / 3			
A2 / V-0			

Approvals	
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Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	without isolator, dark beige

Note

Type	Qty.	Order No.
WDK 2.5/TR-DU	50	1247290000
WDK 2.5/TR-DU/0 TNHE	50	1833600000

Type	Qty.	Order No.
WDK 2.5/TR-DU STB	50	1247310000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige, screwable
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	With 1N4007 diode
	with wire jumper
Disconnect plug	
	removable, as replacement for release lever
Screwdriver	
	Screwdriver PH2
Testing / Checking	
	Test plug
Marking tags	

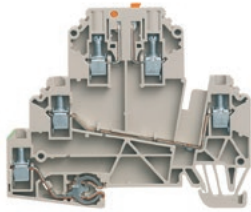
Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU	50	1839850000
WEW 35/1	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU	50	1839850000
WEW 35/1	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
PS 2.3 RT	20 mA 20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

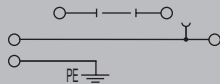
For detailed information on other accessories and application in the online catalogue

WDK 2.5/TR-DU-PE

2.5 mm²

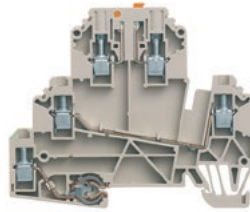


5.1 x 80.5 x 67.5
24 / 4
0.5...4

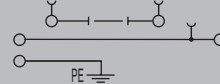


WDK 2.5/TR-DU-PE/STB

2.5 mm²



5.1 x 80.5 x 67.5
24 / 4
0.5...4



IEC	UL	CSA	EN 60079-7
500	300		
24	20		
2.5	AWG 30...12		
8 kV / 3			
A2 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 / (M 3)
8 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
500	300		
24	20		
2.5	AWG 30...12		
8 kV / 3			
A2 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 / (M 3)
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5/TR-DU-PE	50	1247420000
WDK 2.5/TR-DU-PE/0 TNHE	50	1833640000

Type	Qty.	Order No.
WDK 2.5/TR-DU-PE STB	50	1247430000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU	50	1839850000
WEW 35/1	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU	50	1839850000
WEW 35/1	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
PS 2.3 RT	20 mA 20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000



Screw connection with clamping yoke technology (W-Series)

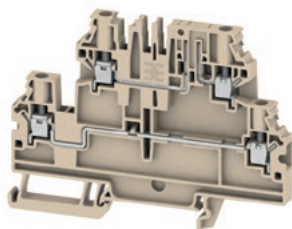
Test-disconnect terminal blocks

Universal range

A

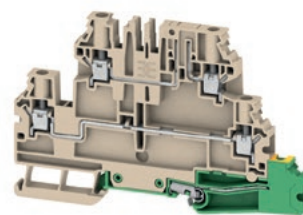
W2T 4 FT-FT

4 mm²



W2T 4 FT-FT-PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 95.5 x 72.5	
28 / 6	
0.25...6	

6.1 x 106.5 x 72.5	
28 / 6	
0.25...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
500			
28			
4			
		6 kV / 3	
		/ V-0	
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			
Note			

IEC	UL	CSA	EN 60079-7
500			
28			
4			
		/ 3	
		/ V-0	
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Black
Note	

Type	Qty.	Order No.
W2T 4 FT-FT	50	3019380000
Note		

Type	Qty.	Order No.
W2T 4 FT-FT-PE	50	3019400000
Note		

Accessories

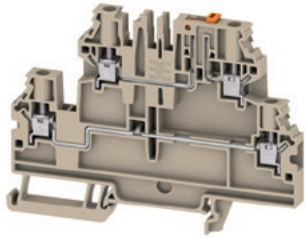
Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Black
	blue
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
Switch lock	
	red
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	
	WS 8/6 MM WS
	DEK 5/6 MM WS
	DEK 5/6 PLUS MC NE WS
	DEK 5/5 MC NE WS
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DTLE 2.5/4	25	2910530000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044
For detailed information on other accessories and application in the online catalogue		

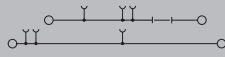
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DTLE 2.5/4	25	2910530000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044
For detailed information on other accessories and application in the online catalogue		

W2T 4 DT-FT

4 mm²



6.1 x 95.5 x 72.5
28 / 6
0.25...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			550
28			23
4			4 mm ²
6 kV / 3			
A3 / V-0			

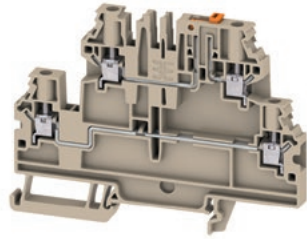
Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
W2T 4 DT-FT	50	2893690000
W2T 4 DT-FT BL	50	2893700000
W2T 4 DT-FT BK	50	2893710000

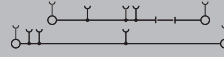
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

W2T 4 DT-FT STB

4 mm²



6.1 x 95.5 x 72.5
28 / 6
0.25...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			550
28			23
4			4 mm ²
6 kV / 3			
A3 / V-0			

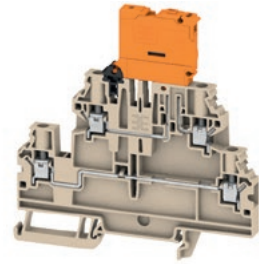
Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
W2T 4 DT-FT STB	50	2893720000

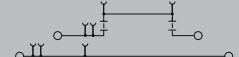
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

W2T 4 DTCA-FT

4 mm²



6.1 x 95.5 x 72.5
28 / 6
0.25...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			550
28			23
4			4 mm ²
6 kV / 3			
A3 / V-0			

Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
W2T 4 DTCA-FT DB	50	3019300000
W2T 4 DTCA-FT BL	50	3019320000
W2T 4 DTCA-FT BK	50	3019340000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Screw connection with clamping yoke technology (W-Series)

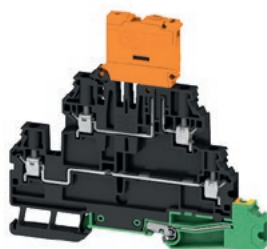
Test-disconnect terminal blocks

Universal range

A

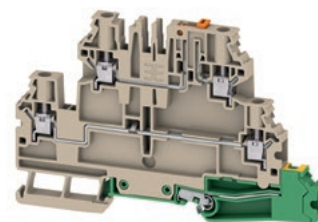
W2T 4 DTCA-FT-PE

4 mm²



W2T 4 DT-FT-PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 106.5 x 72.5	
28 / 6	
0.25...6	

6.1 x 106.5 x 72.5	
28 / 6	
0.25...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
500			
28			
4			
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1, IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
500			550
28			23
4			4 mm ²
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Black
Note	

Type	Qty.	Order No.
W2T 4 DTCA-FT-PE BK	50	3019360000
Note		

Type	Qty.	Order No.
W2T 4 DT-FT-PE	50	2893730000
Note		

Accessories

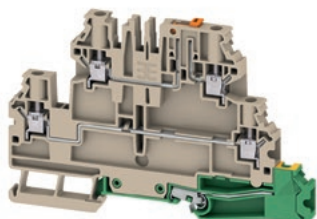
Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Black
	blue
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
Switch lock	
	red
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	
	WS 8/6 MM WS
	DEK 5/6 MM WS
	DEK 5/6 PLUS MC NE WS
	DEK 5/5 MC NE WS
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
Note		
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044
Note		

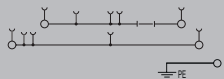
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044
Note		

W2T 4 DT-FT-PE STB

4 mm²



6.1 x 106.5 x 72.5
28 / 6
0.25...6



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			550
28			23
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2T 4 DT-FT-PE STB	50	2893740000

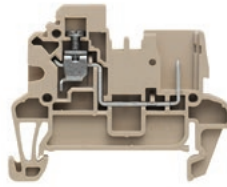
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044



Screw connection with clamping yoke technology (W-Series)
Pluggable terminal blocks

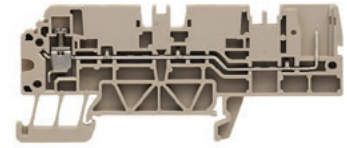
WT 2.5

2.5 mm²



WDT 2.5 BT

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 40	
27 / 4	
0.13...4	

5.1 x 85.5 x 36	
27 / 4	
0.13...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
	300	300	
24	20	20	
2.5	AWG 26...12	AWG 16...12	
6 kV / 3			
A4 / V-0			

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
7 / 0.6 x 3.5 mm	

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
7 / 0.6 x 3.5 mm	

Ordering data

(1)
Plug-in connector
Note

Type	Qty.	Order No.
WT 2.5	50	1305330000
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	Qty.	Order No.
WDT 2.5 BT	50	1305310000
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
Cover	
End bracket	
	dark beige
Strain relief	
Coding	
Interlock	
Screwdriver	Screwdriver PH2
Plug	dark beige
Marking tags	
Vertical jumpers	1-pole

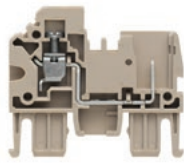
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5 AT	50	1305250000
WEW 35/2	50	1061200000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5 BT	50	1305240000
AH WDT 2.5 BT	50	1305230000
WEW 35/2	50	1061200000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
WDT 2.5 AT	24 A 50	1305320000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

WDT 2.5 AT

2.5 mm²



5.1 x 42 x 24.6
27 / 4
0.13...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			

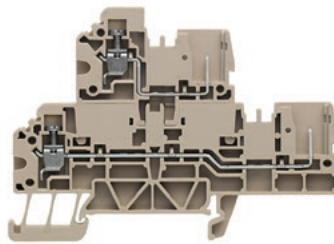


Rated connection

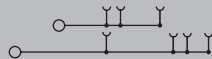
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

WDT 2.5/2

2.5 mm²



5.1 x 85.5 x 60.5
27 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			

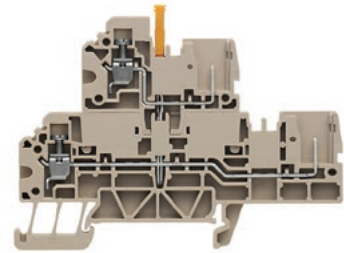


Rated connection

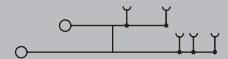
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

WDT 2.5/2 V

2.5 mm²



5.1 x 85.5 x 60.5
27 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20.1	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5 AT	50	1305320000
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	Qty.	Order No.
WDT 2.5/2	50	1305290000
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	Qty.	Order No.
WDT 2.5/2 V	50	1305300000
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5 AT	50	1305250000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000
ZVQ 2.5/1.5	24 A 50	1720700000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5/2	50	1305260000
WEW 35/2	50	1061200000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000
ZVQ 2.5/1.5	24 A 50	1720700000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5/2	50	1305260000
WEW 35/2	50	1061200000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
WS 8/5 MM WS	800	2007150000

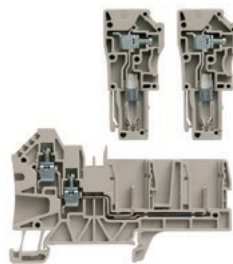


Screw connection with clamping yoke technology (W-Series)

Pluggable terminal blocks

WT4 4 AN/2

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 84.3 x 50

32 / 6

0.5...6



Technical data

Rated data	
Rated voltage	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	600		
32	30		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		



Rated connection		Plug-in connection	
0.5...6 / 0.5...6			
0.5...4 / 0.5...4			
0.5...0.6 / (M 3)			
9 / 0.6 x 3.5 mm			

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
WT4 4AN/2	50	1107680000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Plug-in connector	
Screwdriver	Screwdriver PH2
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WT4/4AN/2	50	1107780000
WEW 35/2	50	1061200000
ZVR ZP4	25	1855250000
KOSF ZT4	50	1856860000
ZZE ZP4	25	1855260000
WP4/1AN/1	32 A 50	1107790000
WP4/1AN/1 ZA	32 A 50	1108490000
WP4/1AN/10	32 A 10	1107800000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

For detailed information on other accessories and application in the online catalogue



**Screw connection with clamping-yoke technology (W series)
Accessories – Pluggable terminal blocks**

Single plates for individual assembly

WeiCoS individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on-site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).

WeiCoS plug

- Single plates, plug ZP 2.5/1AN
- Marking option

Ordering data
2.5 mm ²
4.0 mm ²
Note

Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data
2.5 mm ²
4.0 mm ²
Note

Interlock

- APGLE to interlock with the terminal block
- APGLE interlock, plug - socket

Ordering data
2.5 mm ² / 4 mm ²
Note

WP 2.5/1AN/1

Start plate



Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP4/1AN/1	50	1107790000

Coding

Coding elements



Type	Qty.	Order No.
APGCE	50	1514490000
KOSF ZT4	50	1856860000

APGLE

Locking element



Type	Qty.	Order No.
APGLE 2.5/4	25	2457570000

WP 2.5/1AN ZA 0.RA

Middle plate or end plate



Type	Qty.	Order No.
WP 2.5/1AN/1 ZA 0.RA	50	1351000000

Application



Application APGLE



WP 2.5/1AN ZA

Middle plate or end plate



Type	Qty.	Order No.
WP 2.5/1AN/1 ZA	50	1350990000
WP4/1AN/1 ZA	50	1108490000

Strain reliefs / Protective cover

- APGSR Strain relief transmits mechanical forces to the plastic housing and protects the contact point

APGSR

Strain reliefs



Type	Qty.	Order No.
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
ZVR ZP4	25	1855250000

ZAD ZT / ZPS

Protective cover



Type	Qty.	Order No.
ZAD ZT/ZPS2.5	25	1861030000

Application APGSR



Ordering data
2.5 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
4.0 mm ²
Note



Screw connection with clamping-yoke technology (W-Series)

Pluggable terminal blocks

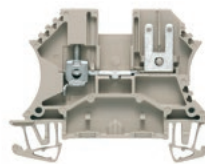
Universal range

A

WDU 2.5 F

2.5 mm²

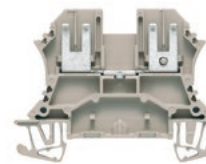
Spade connection right



WDU 2.5 FF 2*2.8

1 mm²

Spade connection left and right



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 60 x 46.25	F2.8 F2.8
12 / 4	
0.13...4	

5.1 x 60 x 46.25	F2.8 F2.8	F2.8 F2.8
12 / 1		
...1		

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
12	16	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
12	16	10	
1	AWG 22...14	AWG 26...12	
6 kV / 3			
/ V-0			

Rated connection		Plug-in connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.4...0.8 / (M 2.5)			
10 / 0.6 x 3.5 mm			

Rated connection		Plug-in connection	
0.5...4			
/			

Note

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
WDU 2.5 F 2X2.8	100	1021800000

Type	Qty.	Order No.
WDU 2.5 FF 2X2.8	100	1021900000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

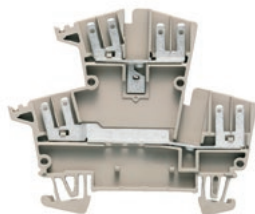
Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

WDK 2.5 FF

1 mm²

Spade connection left and right



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	-

5.1 x 75.5 x 62.5
12 / 1
... 1

IEC 61210, In accordance with IEC 60947-7-1

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	-
Tightening torque / Clamping screw	-
Stripping length / Blade size	-/-

IEC	UL	CSA	EN 60079-7
400		300	
12		10	
1		AWG 26...12	
			6 kV / 3
			/ V-0

CE UK CA

Rated connection	Plug-in connection
4...2.5	
/	

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
WDK 2.5 FF	50	1021700000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue



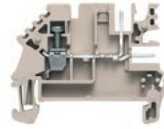
Screw connection with clamping-yoke technology (W-Series)

Pluggable terminal blocks

WDU 1.5 BLZ 5.08 WQV

1.5 mm²

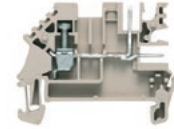
Screwable cross-connection



WDU 1.5 BLZ 5.08 ZQV

1.5 mm²

Plug-in cross-connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

Note

Ordering data

Version	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	Without peg
	With spigot
End bracket	
	dark beige
	dark beige, screwable
Mounting block for socket connector	
	Without peg
	With spigot
Plug-in connector	
Marking tags	
Miscellaneous accessories	
	Cover for unused pins
For detailed information on other accessories and application in the online catalogue	

5.08 x 49 x 37	WQV	BLZ 5.08
16 / 4		
0.13...4		BLZ 5.08

IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
16	20	10	
1.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			

Rated connection		Plug-in connection	
0.5...4	/ 1.5...4		
0.5...4	/ 0.5...2.5		
0.4...0.6	/ (M 2.5)		
10	/ 0.6 x 3.5 mm		

Type	Qty.	Order No.
WDU 1.5/BLZ 5.08	100	1577340000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDU1.5/BLZ	50	1577330000
WAP WDU1.5/BLZ/ZA	50	1577320000
WEW 35/2	50	1061200000
WBB WDU1.5/BL...	10	1068160000
WBB ZA WDU1.5/BL 10/10	10	1068260000
BLZP 5.08HC/04/180 SN OR BX	90	1943600000
BLZP 5.08HC/06/180 SN OR BX	60	1943620000
BLZP 5.08HC/08/180 SN OR BX	42	1943640000
BLZP 5.08HC/04/180F SN OR BX	60	1944110000
BLZP 5.08HC/06/180F SN OR BX	42	1944130000
BLZP 5.08HC/08/180F SN OR BX	36	1944150000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC SDR	144	1609870000
WS 8/5 MM WS	800	2007150000

5.08 x 49 x 37	ZQV	BLZ5.08
16 / 4		
0.13...4		BLZ5.08

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
16	20	20	
1.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			

Rated connection		Plug-in connection	
0.5...4	/ 1.5...4		
0.5...4	/ 0.5...2.5		
0.4...0.6	/ (M 2.5)		
10	/ 0.6 x 3.5 mm		

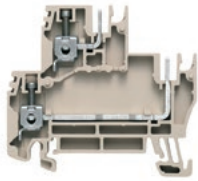
Type	Qty.	Order No.
WDU 1.5/ZQV/BLZ 5.08	100	1784460000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDU1.5/BLZ	50	1577330000
WAP WDU1.5/BLZ/ZA	50	1577320000
WEW 35/2	50	1061200000
WBB WDU1.5/BL...	10	1068160000
WBB ZA WDU1.5/BL 10/10	10	1068260000
BLZP 5.08HC/04/180 SN OR BX	90	1943600000
BLZP 5.08HC/06/180 SN OR BX	60	1943620000
BLZP 5.08HC/08/180 SN OR BX	42	1943640000
BLZP 5.08HC/04/180F SN OR BX	60	1944110000
BLZP 5.08HC/06/180F SN OR BX	42	1944130000
BLZP 5.08HC/08/180F SN OR BX	36	1944150000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC SDR	144	1609870000
WS 8/5 MM WS	800	2007150000
SCHT 7	20	0517960000
ZGB 30	20	1611930000

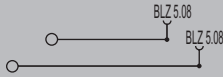
WDK 2.5 BLZ/5.08

2.5 mm²

Double terminal pitch 5.08



5.08 x 58 x 52.5
18 / 4
0.13...4



IEC 61984, In accordance with IEC
60947-7-1

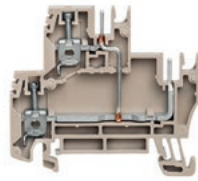
IEC	UL	CSA	EN 60079-7
250	300	300	
16.5	20	20	
2.5	AWG 22...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



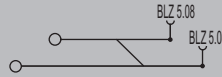
Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

WDK 2.5 BLZ/5.08/ZA V

2.5 mm²



5.08 x 58 x 52.5
18 / 4
0.13...4



IEC 61984, In accordance with IEC
60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
16.5	20	20	
2.5	AWG 22...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA	50	1034400000

Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA V	50	1027410000

Type	Qty.	Order No.
WAP WDK2.5/BLZ/0.ZA	20	1070000000
WAP WDK2.5/BLZ/M.ZA	20	1070100000
WEW 35/1	50	1059000000
WBB WDK2.5/BL5.08	10	1072660000
WBB ZA WDK2.5/BL5.08	10	1072760000
BLZP 5.08HC/04/180 SN OR BX	90	1943600000
BLZP 5.08HC/06/180 SN OR BX	60	1943620000
BLZP 5.08HC/08/180 SN OR BX	42	1943640000
BLZP 5.08HC/04/180F SN OR BX	60	1944110000
BLZP 5.08HC/06/180F SN OR BX	42	1944130000
BLZP 5.08HC/08/180F SN OR BX	36	1944150000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WAD WDU1.5/BLZ/BLA	20	1577400000

Type	Qty.	Order No.
WAP WDK2.5/BLZ/0.ZA	20	1070000000
WAP WDK2.5/BLZ/M.ZA	20	1070100000
WEW 35/1	50	1059000000
WBB WDK2.5/BL5.08	10	1072660000
WBB ZA WDK2.5/BL5.08	10	1072760000
BLZP 5.08HC/04/180 SN OR BX	90	1943600000
BLZP 5.08HC/06/180 SN OR BX	60	1943620000
BLZP 5.08HC/08/180 SN OR BX	42	1943640000
BLZP 5.08HC/04/180F SN OR BX	60	1944110000
BLZP 5.08HC/06/180F SN OR BX	42	1944130000
BLZP 5.08HC/08/180F SN OR BX	36	1944150000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WAD WDU1.5/BLZ/BLA	20	1577400000



Screw connection with clamping-yoke technology (W-Series)

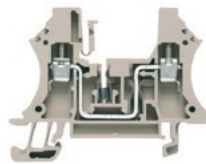
Terminal blocks with electronic components

Universal range

A

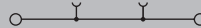
WPO 4

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6 x 60 x 46.5
32 / 4
0.13...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
32	10	10	
4	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			

CE e UK usCA

Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
0.5...1 / (M 3)	
8 / 0.6 x 3.5 mm	

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
WPO 4	50	1036000000

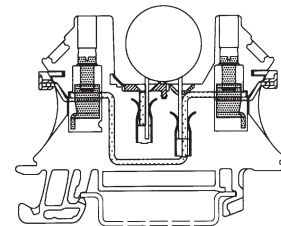
Accessories

Intermediate frame	Thickness 2.5 mm
Busbar	1 m
Marking tags	

Type	Qty.	Order No.
ZR WPO4 DB	20	1071100000
SSCH 7.3X1.2X1000	1	1071200000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

For detailed information on other accessories and application in the online catalogue

WPO 4 with varistor



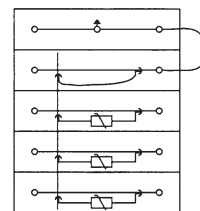
Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc.

These "electronic terminals" no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be distinguished.

The significant advantages of this design are:

- **Cost saving:**
Components can be changed quickly on site. Service requires only a visual inspection.
- **Clarity:**
Components are easy to distinguish.
- **Flexibility:**
Components can immediately be adapted to changed conditions.

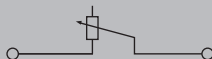
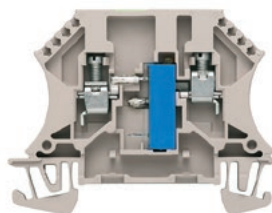
Note:
Never change electronic components under load!



Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

WDUL 4/...

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.5 x 60 x 46.5
6 / 6
0.13...6

Technical data

Rated data	
Rated voltage	V
Rated current	mA
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	

Approvals

Clamped conductors

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

Component potentiometer

Type potentiometer	
Resistance	
Tolerance (%)	

Note

Ordering data

Version	
	10 Ω
	100 Ω
	500 Ω
	1 kΩ
	5 kΩ
	10 kΩ
	50 kΩ
	500 kΩ
	without potentiometer

Note

Accessories

End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Screwdriver	
	With "swifty set" cutting device
	Screwdriver PH2
Shield bus	
Marking tags	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
120			
4			
		/ 3	
		A4 / V-0	



Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.6...0.8 / (M 3)
9 / 0.6 x 3.5 mm

Trim potentiometer, linear

10Ω
10%

Technical data for the 10 Ω compensating resistor

Resistor material: "Cermet"

Resistor setting range: 0...10 Ω

Wave form: linear

Temperature coefficient: 100 ppm/°C

Mechanical lifespan: 200 operations without permissible deviations, across the entire resistance range

Resistance change per spindle turn: ≈ 0,4 Ω

Rated output for total resistance: 1 watt at 70 °C

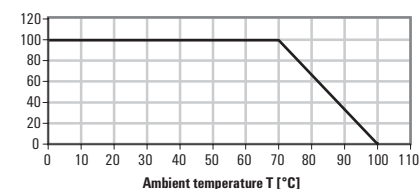
Rated current: 300 mA

Ambient temperature: -55 °C to +70 °C

Ingress (seal) protection:

- 1) Leak tested in water at 70 °C without bubble formation
- 2) Storage in SFW 2.0 S, acc. to DIN 50018, 9 cycles

Capacity expressed in % of rated load



For detailed information on other accessories and application in the online catalogue



Screw connection with clamping-yoke technology (W-Series)

Terminal blocks with electronic components

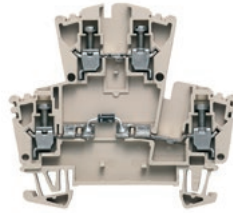
Universal range

A

WDK 2.5/D

2.5 mm²

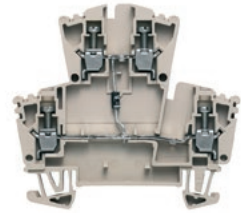
Reverse polarity protection



WDK 2.5/D/1

2.5 mm²

Suppression circuit e. g. for contactor



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 69 x 62.5	
0.5 / 4	
0.05...4	

5.1 x 69 x 62.5	
0.5 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	
Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	
Component resistor	
Resistance	
Power loss	
Tolerance (%)	
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
	300		
0.5	20		
2.5	AWG 22...12		
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		
CE UK CA			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
0.4...0.6 / (M 2.5)			
10 / 0.6 x 3.5 mm			
1N4007			
1A			
1300V			
0.7V			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	300	300	
0.5	20	1	
2.5	AWG 22...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		
CE UK CA			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
0.4...0.6 / (M 2.5)			
10 / 0.6 x 3.5 mm			
1N4007			
1A			
1300V			
0.7V			
Note			

Ordering data

Version	
	dark beige
	dark beige (red LED)
	dark beige (green LED)
Note	

Type	Qty.	Order No.
WDK 2.5 1D	25	8025610000
Note		

Type	Qty.	Order No.
WDK 2.5 1D A.1	25	1023400000
Note		

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	With "swifty set" cutting device
	Screwdriver PH2
Marking tags	

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

WDK 2.5/D/2

2.5 mm²

Suppression circuit e. g. for contactor



5.1 x 69 x 62.5
0.5 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
0.5	20	1	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Diode 1N 4007 /			



Rated connection

0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

1N4007
1A
1300V
0.7V

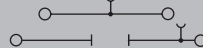
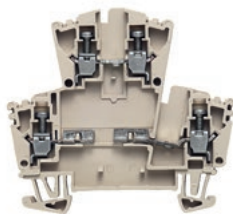
Type	Qty.	Order No.
WDK 2.5 1D A.2	25	1023300000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

WDK 2.5/D/3

2.5 mm²

5.1 x 69 x 62.5
24 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
6 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

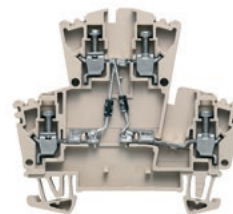
Type	Qty.	Order No.
WDK 2.5/D/3	50	1023100000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

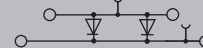
WDK 2.5/D/4

2.5 mm²

Lamp test circuits



5.1 x 69 x 62.5
0.5 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300		
0.5	20		
2.5	AWG 22...12		
6 kV / 3			
A3 / V-0			
Diode 1N 4007 / Diode 1N 4007			



Rated connection

0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
WDK 2.5 2D 1.A	25	8014670000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000



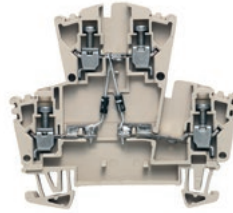
Screw connection with clamping-yoke technology (W-Series)

Terminal blocks with electronic components

WDK 2.5/D/5

2.5 mm²

Lamp test circuits



WDK 2.5/D/6

2.5 mm²

Lamp test circuits



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 69 x 62.5	
0.5 / 4	
0.05...4	

5.1 x 69 x 62.5	
0.5 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	
Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	
Component resistor	
Resistance	
Power loss	
Tolerance (%)	
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	300	300	
0.5	20	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Diode 1N 4007 / Diode 1N 4007			
CE			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
0.4...0.6 / (M 2.5)			
10 / 0.6 x 3.5 mm			
1N4007			
1A			
1300V			
0.7V			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	300	300	
0.5	20	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Diode 1N 4007 / Diode 1N 4007			
CE			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
0.4...0.6 / (M 2.5)			
10 / 0.6 x 3.5 mm			
1N4007			
1A			
1300V			
0.7V			

Ordering data

Version	
	dark beige
	dark beige (red LED)
	dark beige (green LED)
Note	

Type	Qty.	Order No.
WDK 2.5 2D 2.A	25	1022600000

Type	Qty.	Order No.
WDK 2.5 2D	25	1023500000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	With "swifty set" cutting device
	Screwdriver PH2
Marking tags	
	DEK 5/5 MC NE WS
	WS 8/5 MC NE WS
	WS 8/5 MM WS
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

WDK 2.5/D

2.5 mm²

For installing electronic components



5.1 x 69.5 x 62.5
24 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
10			
2.5			
6 kV / 3 A3 / V-0			



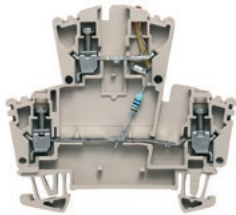
Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

WDK 2.5 LD +-

2.5 mm²

DC voltage indicator + / -



5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5			
0.8 kV / 3 A3 / V-0			



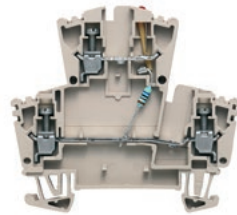
Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

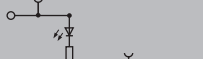
WDK 2.5 LD -+

2.5 mm²

DC voltage indicator - / +



5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5			
0.8 kV / 3 A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 /
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5/D	100	1023200000

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +-	25	1023600000
WDK 2.5 LD/GN 1R 24VDC	25	8023610000

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +-	25	8023630000
WDK 2.5 LD GR 1R 24VDC	25	8010040000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
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Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
WS 8/5 MM WS	800	2007150000



Screw connection with clamping-yoke technology (W-Series)
Mini terminal blocks for enclosure wiring

Universal range

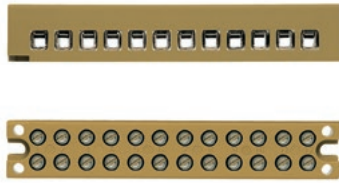
A

MK 2/12

2.5 mm²

MK 3/2...12

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

15 x 86 x 15
24 / 4
0.2...4

Technical data

Rated data	
Rated voltage	
Rated current	
for wire cross-section	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	
Flexible / Flexible with ferrule	
Tightening torque / Clamping screw	
Stripping length / Blade size	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
125	300	300	
24	10	10	
2.5	AWG 24...12	AWG 24...12	
2.5 kV / 3			
A2 / V-2			
CE UK KEUR UK			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
...0.4 / (M 2.5)			
5 / 0.6 x 3.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	300	300	
24	20	25	
2.5	AWG 22...12	AWG 22...12	
6 kV / 3			
A2 / 5VA			
CE UK KEUR UK			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
0.4...0.45 / (M 2.5)			
5 / 0.6 x 3.5 mm			

Note

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Ordering data

Sorting of order data TK 1/SAK	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
10-pole	
12-pole	
16-pole	

Type	Height	Mounting	Qty.	Order No.
MK 2/12	86	80	50	0241260000

Type	Height	Mounting	Qty.	Order No.
MK 3/2	15	18.5	100	0273820000
MK 3/3	15	18.5	50	0273920000
MK 3/4	15	18.5	50	0274020000
MK 3/5	15	18.5	50	0274120000
MK 3/6	15	37	50	0274220000
MK 3/7	15	37	50	0274320000
MK 3/8	15	55.5	25	0274420000
MK 3/10	15	74	20	0274620000
MK 3/12	15	92.5	20	0243520000

Note

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For detailed information on other accessories and application in the online catalogue

MK 4/16

2.5 mm²

MK 6/2...6/6

6 mm²



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	150	150	
24	15	15	
2.5	AWG 24...12	AWG 22...12	
6 kV / 3			
A2 / 5VA			



Rated connection

0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
0.4...0.45 / (M 2.5)
5 / 0.6 x 3.5 mm

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	300	300	
41	30	40	
6	AWG 22...10	AWG 22...10	
8 kV / 3			
A3 / 5VA			



Rated connection

0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...2 / (M 4)
9 / 4.0 x 0.8 mm

Type	Height	Mounting	Qty.	Order No.
MK 4/16	103	85.5	20	0244220000

Type	Height	Mounting	Qty.	Order No.
MK 6/2	23.5		50	0620420000
MK 6/3	36.5	13	50	0620320000
MK 6/4	49.5	26	20	0620220000
MK 6/6	75.5	52	20	0620120000



Screw connection with clamping-yoke technology (W-Series)

Mini terminal blocks for enclosure wiring

MK 5/2 0.DE

2.5 mm²

BK 2...12

4 mm²



Width/Height/Depth	mm	18 x 40 x 14.2
max. current / max. cond. cross-section	A/mm ²	24 / 4
Max. clamping range	mm ²	0.2...4

Width/Height/Depth	mm	18 x 40 x 14.2
max. current / max. cond. cross-section	A/mm ²	24 / 4
Max. clamping range	mm ²	0.2...4

Width/Height/Depth	mm	18 x 40 x 14.2
max. current / max. cond. cross-section	A/mm ²	24 / 4
Max. clamping range	mm ²	0.2...4

Technical data

Rated data	
Rated voltage	500
Rated current	24
for wire cross-section	2.5
Rated impulse withstand voltage / Pollution severity	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / 5VA
Approvals	
Clamped conductors	
Solid / Stranded	0.5...4 / 1.5...2.5
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5
Tightening torque / Clamping screw	0.4 / (M 2.5)
Stripping length / Blade size	5 / 0.6 x 3.5 mm

IEC 60947-7-1		UL		CSA		EN 60079-7		
Rated voltage	400	150	300	300	300	300	300	
Rated current	32	20	10	10	10	10	10	
for wire cross-section	4	AWG 26...12	AWG 22...12	AWG 22...12	AWG 22...12	AWG 22...12	AWG 22...12	
Rated impulse withstand voltage / Pollution severity	6 kV / 3		6 kV / 3		6 kV / 3		6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0, 5VA		A3 / V-0, 5VA		A3 / V-0, 5VA		A3 / V-0, 5VA	
Approvals		CE		UK		UK		
Rated connection		0.5...4 / 1.5...2.5		0.5...2.5 / 0.5...1.5		0.4 / (M 2.5)		
Stripping length / Blade size		5 / 0.6 x 3.5 mm		5 / 0.6 x 3.5 mm		5 / 0.6 x 3.5 mm		

IEC 60947-7-1

IEC 60947-7-1		UL		CSA		EN 60079-7		
Rated voltage	400	150	300	300	300	300	300	
Rated current	32	20	10	10	10	10	10	
for wire cross-section	4	AWG 26...12	AWG 22...12	AWG 22...12	AWG 22...12	AWG 22...12	AWG 22...12	
Rated impulse withstand voltage / Pollution severity	6 kV / 3		6 kV / 3		6 kV / 3		6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0, 5VA		A3 / V-0, 5VA		A3 / V-0, 5VA		A3 / V-0, 5VA	
Approvals		CE		UK		UK		
Rated connection		0.5...4 / 1.5...4		0.5...4 / 0.5...4		0.5...0.6 / (M 3)		
Stripping length / Blade size		8 / 4.0 x 0.8 mm		8 / 4.0 x 0.8 mm		8 / 4.0 x 0.8 mm		

Two solid (single-core) conductors of equal cross-section (0.5 .. 1.5 mm²) can be connected.

Note

Note

Ordering data

Sorting of order data TK 1/SAK	
2-pole	
3-pole	
4-pole	
6-pole	
12-pole	

Type	Height	Mounting	Qty.	Order No.
MK 5/2 0.DE	40	32	100	0243820000

Type	Height	Mounting	Qty.	Order No.
BK 2 CRN	20		100	0624720000
BK 3 CRN	31	11	100	0624920000
BK 4 CRN	38	18	100	0625120000
BK 6 CRN	52	32	50	0625220000
BK 12 CRN	92	72.5	25	0625320000

Note

Note

Accessories

Lid / cover
D 2 MK5/2 PA/NA

Type	Qty.	Order No.
D 2 MK5/2 PA/NA	50	0244060000

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue



Screw connection with clamping-yoke technology (W-Series)
Mini terminal blocks for enclosure wiring

Universal range

A

BK 2...12/E

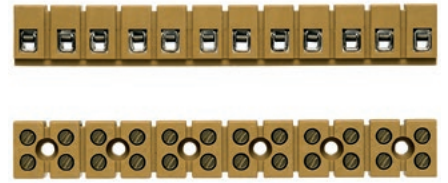
4 mm²

Solid / stranded
 Flexible / flexible with wire-end ferrule



MK 3/2...12/E

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

22 x 92 x 20
32 / 4
0.33...4

Technical data

Rated data	
Rated voltage	400
Rated current	32
for wire cross-section	4
Rated impulse withstand voltage / Pollution severity	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0, 5VA
Approvals	
Clamped conductors	
Solid / Stranded	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	0.5...4 / 0.5...4
Tightening torque / Clamping screw	0.5...0.6 / (M 3)
Stripping length / Blade size	8 / 4.0 x 0.8 mm

IEC 60947-7-1				Ex eb II C GbII 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
400	150	300	275	400	300	300	275
32	20	10	28	24	20	25	24
4	AWG 26...12	AWG 22...12	4 mm ²	2.5	AWG 22...12	AWG 22...12	4 mm ²
6 kV / 3				6 kV / 3			
A3 / V-0, 5VA				A2 / 5VA			
BAS 98ATEX3084 U				BAS 99ATEX2124 U			
Rated connection				Rated connection			
0.5...4 / 1.5...4				0.5...4 / 1.5...2.5			
0.5...4 / 0.5...4				0.5...2.5 / 0.5...1.5			
0.5...0.6 / (M 3)				0.4...0.45 / (M 2.5)			
8 / 4.0 x 0.8 mm				5 / 0.6 x 3.5 mm			

Note

Two solid (single-core) conductors of equal cross-section (0.5 .. 1.5 mm²) can be connected.

Ordering data

Sorting of order data TK 1/SAK	
2-pole	BK 2/E
3-pole	BK 3/E
4-pole	BK 4/E
5-pole	BK 5/E
6-pole	BK 6/E
8-pole	BK 8/E
12-pole	BK 12/E

Type	Height	Mounting	Qty.	Order No.
BK 2/E	20		100	7906040000
BK 3/E	31	11	100	7906060000
BK 4/E	38	18	100	7906080000
BK 6/E	52	32	50	7906090000
BK 12/E	92	72.5	25	7906100000

Note

*DU = feed-through terminals, PE = PE terminals

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

IEC 60947-7-1				Ex eb II C GbII 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
400	300	300	275	400	300	300	275
24	20	25	24	24	20	25	24
2.5	AWG 22...12	AWG 22...12	4 mm ²	2.5	AWG 22...12	AWG 22...12	4 mm ²
6 kV / 3				6 kV / 3			
A3 / V-0, 5VA				A2 / 5VA			
BAS 98ATEX3084 U				BAS 99ATEX2124 U			
Rated connection				Rated connection			
0.5...4 / 1.5...4				0.5...4 / 1.5...2.5			
0.5...4 / 0.5...4				0.5...2.5 / 0.5...1.5			
0.5...0.6 / (M 3)				0.4...0.45 / (M 2.5)			
8 / 4.0 x 0.8 mm				5 / 0.6 x 3.5 mm			

Note

Type	Height	Mounting	Qty.	Order No.
MK 3/2/E	15	18.5	100	7906110000
MK 3/3/E	15	18.5	50	7906120000
MK 3/4/E	15	18.5	50	7906130000
MK 3/6/E	15	37	50	7906150000
MK 3/8/E	15	55.5	25	7906170000
MK 3/12/E	110	92.5	20	7906210000

For detailed information on other accessories and application in the online catalogue

MK 6/2...6/E

6 mm²



Ex eb II C GbII
2 G D



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	300		440
41	30		36
6	AWG 22...10		6 mm ²
8 kV / 3			
A3 / 5VA			



BAS 99ATEX2123 U

Rated connection

0.5...6 / 1.5...6

0.5...6 / 0.5...4

1.2...1.2 / (M 4)

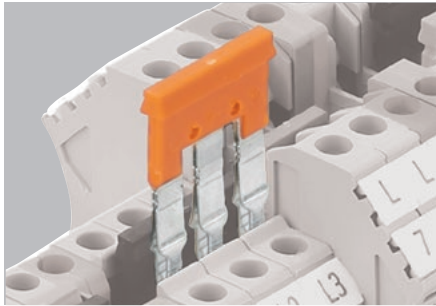
9 / 4.0 x 0.8 mm



Type	Height	Mounting	Qty.	Order No.
MK 6/2/E	23.5		50	7906220000
MK 6/3/E	36.5	13	50	7906230000
MK 6/4/E	49.5	26	20	7906240000
MK 6/5/E	62.5	26	20	7906250000
MK 6/6/E	75.5	52	20	7906260000



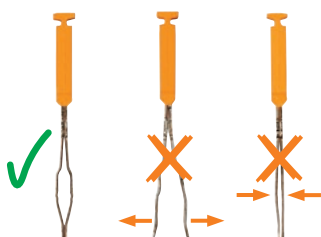
ZQV plug-in cross-connection



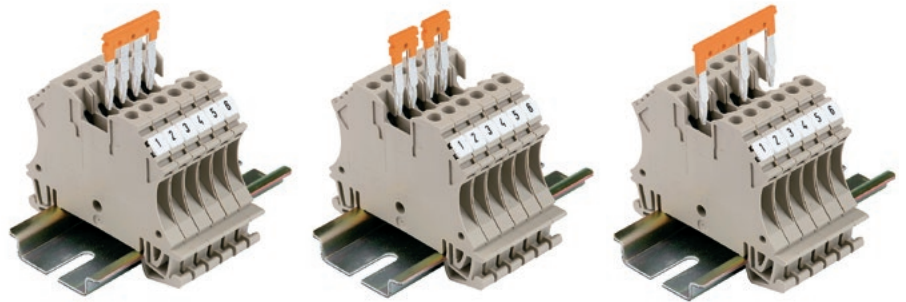
Weidmüller is the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

Assembly / Technical information

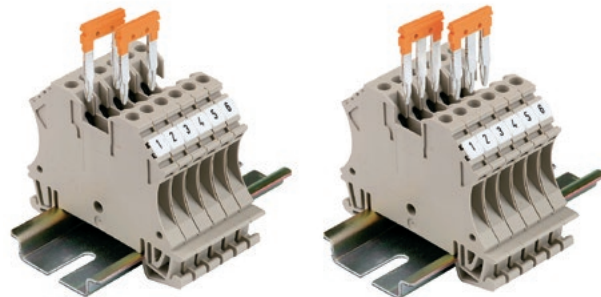
- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed



In one cross-connection channel



In two cross-connection channels



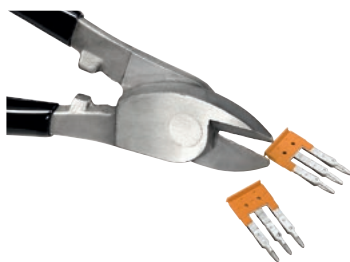
Possible cross-connections of terminals of the same type with corresponding cross-connectors

Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDK 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDU 2.5/1.5/ZR	ZQV 2.5N	•	•	•	•	•
WDU 2.5	ZQV 2.5N	•	•	•	•	•
WDK 2.5 ZQV	ZQV 2.5N	•	•	•		
WTR 2.5/ZZ	ZQV 2.5	•	•	•		
WDU 4	ZQV 4N	•	•	•	•	•
WTR 4...	ZQV 4N	•	•	•		
WDU/PE/4ZZ/ZR	ZQV 4N	•	•	•	•	•
WTR 4/ZZ/ZR	ZQV 4N	•	•	•		
Compact						
WDU 2.5N ZQV	ZQV 2.5N	•	•	•	•	•
WDK 2.5N...	ZQV 2.5N	•	•	•		
WDK 2.5N PE	ZQV 2.5N	•	•	•		
WDU 4N	ZQV 4N	•	•	•	•	•
WDK 4N...	ZQV 4N	•	•	•		
WDK 4N PE	ZQV 4N	•	•	•		

Continuous cross-connection

ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV - 9002170000) to produce customised configurations with the required number of poles.

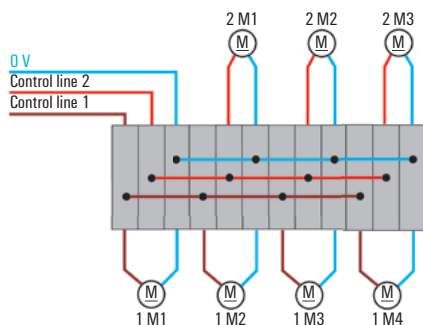
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.



Special features of

WDU 2.5, WDU 4 und WDU 2.5/1.5/ZR

- Parallel distribution of 3 potentials
Important! Rated voltage reduced to 125 V!
- Parallel distribution of 2 potentials
Important! Only when using the outer cross-connection holes at 400 V
- The middle cross-connection hole can be used for either ZQV or WQV



Important! By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.

Screw connection with clamping-yoke technology (W-Series)
Accessories - Potential distribution

Cross-connection

ZQV 2.5N

ZQV 4N

Universal range

A



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2	60	1527540000	
ZQV 2.5N/3	60	1527570000	
ZQV 2.5N/4	60	1527590000	
ZQV 2.5N/5	20	1527620000	
ZQV 2.5N/6	20	1527630000	
ZQV 2.5N/7	20	1527640000	
ZQV 2.5N/8	20	1527670000	
ZQV 2.5N/9	20	1527680000	
ZQV 2.5N/10	20	1527690000	
ZQV 2.5N/20	20	1527720000	
ZQV 2.5N/50	5	1527730000	

32			
Type	Qty.	Order No.	
ZQV 4N/2	60	1527930000	
ZQV 4N/3	60	1527940000	
ZQV 4N/4	60	1527970000	
ZQV 4N/5	60	1527980000	
ZQV 4N/6	20	1527990000	
ZQV 4N/7	20	1528020000	
ZQV 4N/8	20	1528030000	
ZQV 4N/9	20	1528070000	
ZQV 4N/10	20	1528090000	
ZQV 4N/20	20	2883800000	
ZQV 4N/41	10	2883810000	
ZQV 4N/50	5	1528130000	



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 BL	60	1527740000	
ZQV 2.5N/3 BL	60	1527770000	
ZQV 2.5N/4 BL	60	1527780000	
ZQV 2.5N/5 BL	20	1527790000	
ZQV 2.5N/6 BL	20	1527820000	
ZQV 2.5N/7 BL	20	1527830000	
ZQV 2.5N/8 BL	20	1527840000	
ZQV 2.5N/9 BL	20	1527870000	
ZQV 2.5N/10 BL	20	1527880000	
ZQV 2.5N/20 BL	20	1527890000	
ZQV 2.5N/50 BL	5	1527920000	

32			
Type	Qty.	Order No.	
ZQV 4N/2 BL	60	1528040000	
ZQV 4N/3 BL	60	1528080000	
ZQV 4N/4 BL	60	1528120000	
ZQV 4N/5 BL	60	1528140000	
ZQV 4N/6 BL	20	1528170000	
ZQV 4N/7 BL	20	1528180000	
ZQV 4N/8 BL	20	1528190000	
ZQV 4N/9 BL	20	1528220000	
ZQV 4N/10 BL	20	1528230000	
ZQV 4N/20 BL	20	2810850000	
ZQV 4N/41 BL	10	2883820000	
ZQV 4N/50 BL	5	1528240000	



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 RD	60	2108470000	
ZQV 2.5N/3 RD	60	2108690000	
ZQV 2.5N/4 RD	60	2108700000	
ZQV 2.5N/5 RD	20	2108710000	
ZQV 2.5N/6 RD	20	2108720000	
ZQV 2.5N/7 RD	20	2108810000	
ZQV 2.5N/8 RD	20	2108870000	
ZQV 2.5N/9 RD	20	2108900000	
ZQV 2.5N/10 RD	20	2108910000	
ZQV 2.5N/20 RD	20	2108920000	
ZQV 2.5N/50 RD	5	2109000000	

32			
Type	Qty.	Order No.	
ZQV 4N/2 RD	60	2460450000	
ZQV 4N/3 RD	60	2460810000	
ZQV 4N/4 RD	60	2460800000	
ZQV 4N/5 RD	60	2460790000	
ZQV 4N/6 RD	20	2460780000	
ZQV 4N/7 RD	20	2460770000	
ZQV 4N/8 RD	20	2460760000	
ZQV 4N/9 RD	20	2460750000	
ZQV 4N/10 RD	20	2460740000	
ZQV 4N/20 RD	20	2810860000	
ZQV 4N/41 RD	10	2883840000	
ZQV 4N/50 RD	5	2460730000	

Cross-connection

ZQV 2.5N

ZQV 4N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 WT	60	2831560000	
ZQV 2.5N/3 WT	60	2831570000	
ZQV 2.5N/4 WT	60	2831580000	
ZQV 2.5N/5 WT	20	2831590000	
ZQV 2.5N/6 WT	20	2831600000	
ZQV 2.5N/7 WT	20	2831610000	
ZQV 2.5N/8 WT	20	2831620000	
ZQV 2.5N/9 WT	20	2831630000	
ZQV 2.5N/10 WT	20	2831640000	
ZQV 2.5N/20 WT	20	2831650000	
ZQV 2.5N/50 WT	5	2831660000	

32			
Type	Qty.	Order No.	
ZQV 4N/2 WT	60	2831800000	
ZQV 4N/3 WT	60	2831810000	
ZQV 4N/4 WT	60	2831820000	
ZQV 4N/5 WT	60	2831830000	
ZQV 4N/6 WT	20	2831840000	
ZQV 4N/7 WT	20	2831850000	
ZQV 4N/8 WT	20	2831860000	
ZQV 4N/9 WT	20	2831870000	
ZQV 4N/10 WT	20	2831790000	



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 BK	60	2831670000	
ZQV 2.5N/3 BK	60	2831680000	
ZQV 2.5N/4 BK	60	2831690000	
ZQV 2.5N/5 BK	20	2831700000	
ZQV 2.5N/6 BK	20	2831710000	
ZQV 2.5N/7 BK	20	2831720000	
ZQV 2.5N/8 BK	20	2831730000	
ZQV 2.5N/9 BK	20	2831740000	
ZQV 2.5N/10 BK	20	2831750000	
ZQV 2.5N/20 BK	20	2831760000	
ZQV 2.5N/50 BK	5	2831770000	

32			
Type	Qty.	Order No.	
ZQV 4N/2 BK	60	2810840000	
ZQV 4N/3 BK	60	2810880000	
ZQV 4N/4 BK	60	2810890000	
ZQV 4N/5 BK	60	2810900000	
ZQV 4N/6 BK	20	2810910000	
ZQV 4N/7 BK	20	2810920000	
ZQV 4N/8 BK	20	2810930000	
ZQV 4N/9 BK	20	2831780000	
ZQV 4N/10 BK	20	2810830000	
ZQV 4N/20 BK	20	2810870000	
ZQV 4N/41 BK	10	2831890000	



WQV screw-in cross-connection



Any number of poles (extending)

Pre-fitted cross-connections can be set one after the other to produce any required number of poles.

To do so, arrange the last and first contact points of two identical WQVs so that they overlap.

- First, remove the fixing screw and screwdriver guide (insulated part) at one of the outer contact points of one of the WQVs.

WQV in combination with a socket contact and test plug

- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.

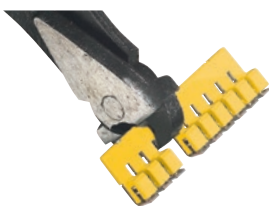
Thanks to the many possible ways in which the WQV cross-connection system can be used – break-out of individual layers, creation of any number of poles or running of two voltages parallel to one another – individual modules can be realised very easily!

Technical instructions

- The full rated current of the terminals can be routed across any number of poles.
- No end plates or partition plates needed for adjacent WQV up to 400 V.

Assembly

- Place the WQV in the cross-connection channel in the middle of the terminal and screw tight.
- Individual WQV segments can be broken out by bending over or using the WAW1 tool (9004500000). It is then possible to bridge individual or several terminals.



- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

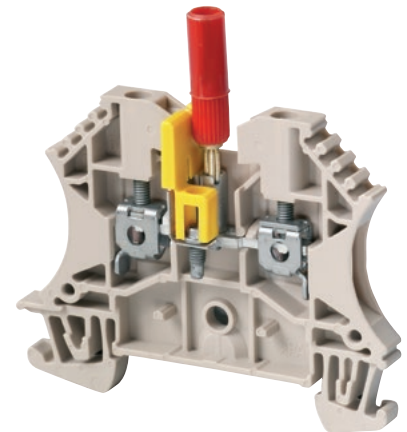


- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.



Routing 2 potentials in parallel

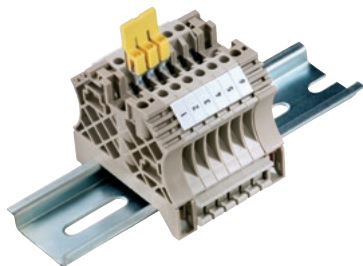
- In spite of only having 1 channel, the QV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (see on the next page).



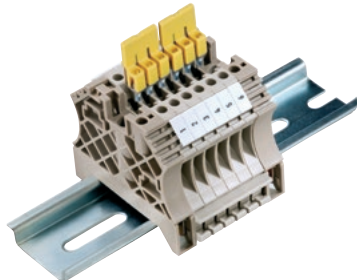
Potential distribution – possible combinations

In one cross-connection channel

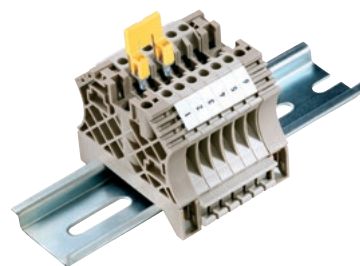
single



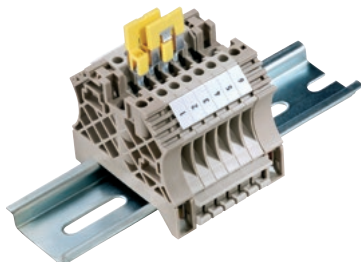
adjacent



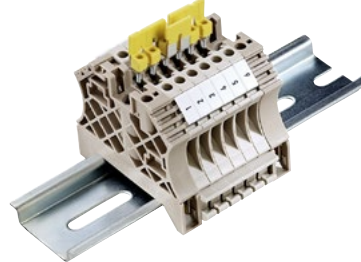
bridging



parallel/bridging



parallel/lengthening



Possible cross-connections of terminals of the same type
with appropriate cross-connectors

Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ZZ	WQV 2.5	•	•	•	•	•
WDU 1.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5/1.5/ZR	WQV 2.5	•	•	•	•	•
WDU 2.5 - WDU 35	WQV 2.5 - WQV 35	•	•	•	•	•
WDK 2.5...	WQV 2.5	•	•	•	•	•
WDK 2.5 PE	WQV 2.5	•	•	•	•	•
WDU 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDK 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5 F...	WQV 2.5	•	•	•	•	•
WDK 2.5 F...	WQV 2.5	•	•	•	•	•
WDU 4... - WDU 35...	WQV 4 - WQV 35	•	•	•	•	•
WDU 70/95	WQV 70/95	•	•	•	•	•
WDU 120/150	WQV 120/150	•	•	•	•	•
WDU 240	WQB 240	•	•	•	•	•
Compact						
WDU 2.5N	WQV 2.5	•	•	•	•	•
WDU 2.5N 600V	WQV 2.5	•	•	•	•	•
WDU 16N	WQV 16N	•	•	•	•	•
WDU 35N	WQV 35N	•	•	•	•	•
WDU 50N	WQV 50N	•	•	•	•	•
WDU 70N	WQV 70N	•	•	•	•	•
WDU 95N/120N	WQV 95N/120N	•	•	•	•	•



Screw connection with clamping-yoke technology (W-Series)
Accessories - Potential distribution

Universal range

A

WQV 2.5



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	
Note	

32			
Type	Qty.	Order No.	
WQV 2.5/2	50	1053660000	
WQV 2.5/3	50	1053760000	
WQV 2.5/4	50	1053860000	
WQV 2.5/5	10	1053960000	
WQV 2.5/6	10	1054060000	
WQV 2.5/7	10	1054160000	
WQV 2.5/8	10	1054260000	
WQV 2.5/9	10	1054360000	
WQV 2.5/10	20	1054460000	
WQV 2.5/15	10	1059660000	
WQV 2.5/20	10	1577570000	
WQV 2.5/32	10	1577600000	

WQV 4



41			
Type	Qty.	Order No.	
WQV 4/2	50	1051960000	
WQV 4/3	50	1054560000	
WQV 4/4	50	1054660000	
WQV 4/5	10	1057860000	
WQV 4/6	10	1057160000	
WQV 4/7	10	1057260000	
WQV 4/10	20	1052060000	

WQV 6



57			
Type	Qty.	Order No.	
WQV 6/2	50	1052360000	
WQV 6/3	50	1054760000	
WQV 6/4	50	1054860000	
WQV 6/5	50	1062660000	
WQV 6/6	50	1062670000	
WQV 6/7	50	1062680000	
WQV 6/10	20	1052260000	

WQV 35N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	
Note	

125			
Type	Qty.	Order No.	
WQV 35N/2	20	1079200000	
WQV 35N/3	20	1079300000	
WQV 35N/4	20	1079400000	

WQV 50N



150			
Type	Qty.	Order No.	
WQV 50N/2	5	1834060000	
WQV 50N/3	5	1834070000	
WQV 50N/4	5	1834080000	
WQV 50N/5	5	2004960000	

WQV 70N



192			
Type	Qty.	Order No.	
WQV 70N/2	5	9512240000	
WQV 70N/3	5	9512250000	
WQV 70N/4	5	9531290000	
WQV 70N/5/3/1	5	1393020000	

WQV 10



63		
Type	Qty.	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000

WQV 16



101		
Type	Qty.	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000

WQV 16N



76		
Type	Qty.	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000

WQV 35



112		
Type	Qty.	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1055360000
WQV 35/4	50	1055460000
WQV 35/10	10	1053160000

WQV 70/95



232		
Type	Qty.	Order No.
WQV 70/95/2	5	1063500000
WQV 70/95/3	5	1063600000

WQV 95N/120N



269		
Type	Qty.	Order No.
WQV 95N/120N/2	5	1826890000
WQV 95N/120N/3	5	1826900000
WQV 95N/120N/4	5	1826910000

WQV 120



269		
Type	Qty.	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000

Screw connection with clamping-yoke technology (W-Series)
Accessories - Potential supply

Universal range

A

Screwable QV

Q AKZ 4 SS



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
10-pole	
20-pole	
Note	

32		
Type	Qty.	Order No.
Q 10 AKZ4SS	20	0369300000
Note		

Q / DLI



24		
Type	Qty.	Order No.
Q 2 DLI	50	1312500000
Q 3 DLI	50	1312600000
Q 4 DLI	50	1312700000
Q 10 DLI	20	1313100000
Q 20 DLI	20	1399800000
Note		

Q AKZ 1.5



24		
Type	Qty.	Order No.
Q 2 AKZ1.5	50	0368200000
Q 3 AKZ1.5	50	0368300000
Q 4 AKZ1.5	50	0368400000
Q 10 AKZ1.5	20	0368500000
Note		

Screwable QV

Q AKZ 4



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
10-pole	
20-pole	
Note	

24		
Type	Qty.	Order No.
Q 2 AKZ4	50	0336400000
Q 3 AKZ4	50	0336500000
Q 4 AKZ4	50	0336600000
Q 10 AKZ4	20	0368600000
Note		

Q / WDL



24		
Type	Qty.	Order No.
Q 2 WDL2.5S	50	1071500000
Q 3 WDL2.5S	50	1071600000
Q 4 WDL2.5S	50	1071700000
Q 10 WDL2.5S	20	1071800000
Q 20 WDL2.5S	20	1074200000
Note		

Potential supply with cross-section reduction

Feed-in via output terminal

WDU 35

on WDU 10 / WDU 6 / WDU 4



to WDU 35		to WDU 10	
Rated current	57		
Tightening torque	0.6...1.2		
Type	Qty.	Order No.	
WQV 35-10/6/4	10	1068000000	
Note			

WDU 35

on WDU 2.5



to WDU 35		to WDU 2.5	
Rated current	41		
Tightening torque	0.4...0.8		
Type	Qty.	Order No.	
WQV 35-2.5	10	1064100000	
Note			

Feed-in via output terminal

WDU 16

WDU 2.5



to WDU 16		to WDU 2.5	
Rated current	76		
Tightening torque	-		
Type	Qty.	Order No.	
WQV 16-2.5	10	1063900000	
Note			

WDU 16N

WDU 2.5



to WDU 16		to WDU 2.5	
Rated current	76		
Tightening torque	-		
Type	Qty.	Order No.	
WQV 16N-2.5	10	1073100000	
Note			

WDU 16N

WDU 4 / WDU 6



to WDU 16N		to WDU 4 / 6	
Rated current	57		
Tightening torque	-		
Type	Qty.	Order No.	
WQV 16N-4/6	10	1072500000	
Note			

Feed-in via output terminal

WDU 10

WDU 2.5



to WDU 10		to WDU 2.5	
Rated current	57		
Tightening torque	-		
Type	Qty.	Order No.	
Q WDU 10-2.5 SET	10	1859620000	
Note			

WDU 6

WDU 2.5



to WDU 6		to WDU 2.5	
Rated current	41		
Tightening torque	-		
Type	Qty.	Order No.	
Q WDU 6-2.5 SET	10	1859600000	
Note			

Note

Cross-connectors reducing the cross-section may not be used in ATEX applications.

Screw connection with clamping-yoke technology (W-Series)
 Accessories - Potential supply

Feed-in via output terminal

WDU 10

WDU 4



to WDU 10	to WDU 4
32	

Type	Qty.	Order No.
Q WDU10-4 SET	10	1859610000

WDU 16

WDU 4 / WDU 6



to WDU 16	to WDU 4 / 6
76	

Type	Qty.	Order No.
WQV 16-4/6	10	1064000000

Technical data	
Rated current	A
Tightening torque	-
Ordering data	
	2-pole
	3-pole
	6-pole
Note	

Universal range

A





Screw connection with clamping-yoke technology (W-Series)

Accessories - Testing / checking

Test adapter

WTA 1



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
1-pole	
with snap-in pegs	
10-pole	
Note	

5 / / 66.1		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
Type	Qty.	Order No.
WTA 1 WDU1.5	25	1632290000
WTA 1/ZA WDU1.5	25	1632300000

WTA 2



5 / / 66.1		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
Type	Qty.	Order No.
WTA 2 WDU2.5-10	25	1632320000
WTA 2/ZA WDU2.5-10	25	1632330000
WTA 2/10 WDU2.5/10	5	1632340000

WTA 3



6 / / 66.1		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
Type	Qty.	Order No.
WTA 3 WDU4	25	1632350000
WTA 3/ZA WDU4	25	1632360000

Test adapter

WTA 6



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
1-pole	
with snap-in pegs	
10-pole	
Note	

5 / / 66.1		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
Type	Qty.	Order No.
WTA 6 WTR2.5	25	1632380000
WTA 6/ZA WTR2.5	25	1632390000

WTA 7



6 / / 68.15		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
Type	Qty.	Order No.
WTA 7 WSI6	25	1650210000

WTA 4N



5 / / 55		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
Type	Qty.	Order No.
WTA 4N WDK 2.5	25	1878660000
WTA 4N/ZA WDK 2.5	25	1879350000



WTA 5



5 / / 17		
8		
IEC	UL	CSA
250	0	
6	0	
0.75	LEER	
0.5...1		
1...1		
Type	Qty.	Order No.
WTA 5/1	25	1051260000
WTA 5/10	5	1062060000

Test adapter

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	-
Ordering data	
	beige
	green
Note	

WTA 8



6 / / 39		
7		
IEC	UL	CSA
205	0	
6	0	
1.5	LEER	
0.5...2.5 2.5		
Type	Qty.	Order No.
WTA 8 TN	25	1915450000
WTA 8 KO-TN	25	1915480000



Screw connection with clamping yoke technology (W-Series)
Accessories – Specific functions and variations

SIHA fuse holder

For 5x20 G-fuse cartridges

The SIHA fuse holder turns a test disconnect terminal into a fuse terminal in seconds: Simply remove the isolating lever and insert the fuse plug

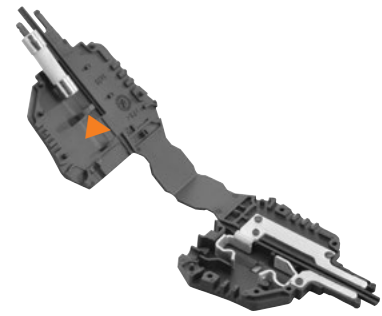
- Simple handling – no tools required
- Housing made of Wemid (VO)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement



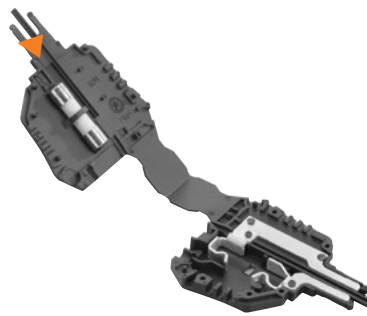
- Marking position for Dekafix 5 and space for self-adhesive label size 8/20



1. Open fuse holder with fingers or screwdriver.



2. Press out old fuse.



3. Position new fuse.



4. Press fuse holder together again with fingers or screwdriver.

SIHA 1



without LED	Qty.	Order No.
SIHA1/G20	400 V	1 9537550000
with LED (rot)		
SIHA1/G20	10 - 36 V	1 9537560000

For test-disconnect terminal versions
 WTR 2,5/ZZ

SIHA 3



without LED	Qty.	Order No.
SIHA3/G20	400 V	1 7921560000
with LED (rot)		
SIHA3/G20	10 - 36 V	1 7921570000
	35 - 70 V	1 7921580000
	60 - 150 V	1 7921590000
	140 - 250 V	1 7921600000

For test-disconnect terminal versions
 WTR 4
 WTR 4/ZZ
 WTR 4/ZR
 WTR 2,5

SIHA STRAP



with strap	Qty.	Order No.
SIHA STRAP	20	9537680000

Connector for "retro-fit" assembly

- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either left or right

PEN bridges

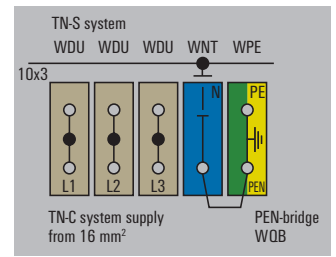
Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

Standard installation

Depending on the terminal type, inside or outside, PEN bridges are available for both PE and N conductor terminals from 10 mm². **Important!** For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

Building installation with N-conductor isolation

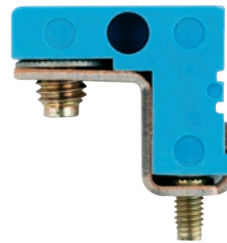
Special external cross-connections (WQB-PEN) are available for neutral conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



External PEN bridge



Inside PEN bridge



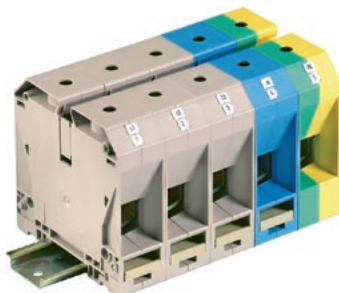
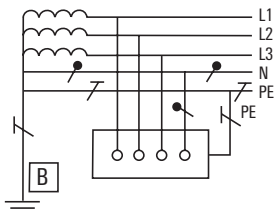
WQB-PEN ...

Type	Qty	Order No.	For terminal
with standard terminals			
WQB-PEN 10	10	1060300000	WPE 10 WDU 10 BL
WQB-PEN 16	10	1060200000	WPE 16 WDU 16 BL
WQB-PEN 35	10	1060100000	WPE 35 WDU 35 BL
with compact terminals			
WQB-PEN 16N	10	1079600000	WNT 16N WPE 16N
WQB-PEN 35N	10	1079500000	WNT 35N WPE 35N
WQB-PEN 70N	10	1079700000	WNT 70N WPE 70N

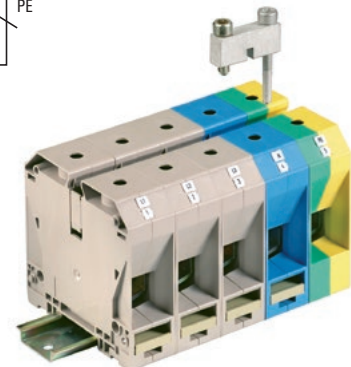
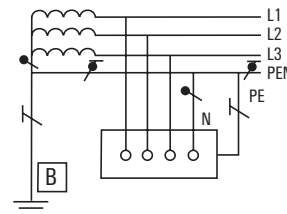
WQV ... -PEN

Typ	Qty	Order No.	For terminal
WQV 16N-PEN	10	1071360000	WPE 16N WDU 16N BL
WQV 70N-PEN	5	9525840000	WPE 70N WDU 70N BL
WQV 70/95-PEN	5	1072300000	WPE 70/95 WDU 70/95 BL
WQV 120-PEN	5	1072400000	WPE 120/150 WDU 120/150 BL
WQV 50N-PEN		9201610000	WPE 50N WDU 50N
WQV 95N/120N-PEN		9201630000	WPE 95N/120N WDU 95N/120N

TN-S system:



TN-C system:



Robust connection for harsh conditions

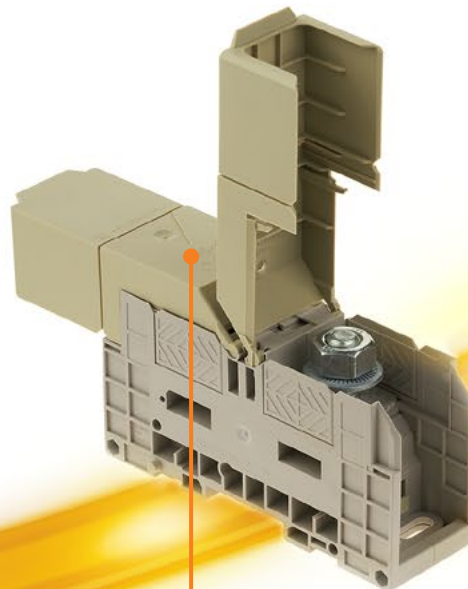
Klippon® Connect offers maintenance-free contacts using stud technology

Whether it is the supply of high power levels to engines, quick and safe coupling of carriages, energy distribution in the carriages and parts thereof, traffic engineering in general, and high-speed trains especially, all pose real challenges for connectivity. For reliable power transfer in these challenging conditions, we offer series WF, WFF and ST 400 stud terminals. With crimped cable lugs, the conductors are laid on the threaded pins and securely connected together by tightening the hex nut to the required torque. The robust processing guarantees the ultimate in safety.



Our promise

Our stud terminals are an established, robust connection alternative for particularly harsh environments. The extensive accessories and quality workmanship ensure high productivity in planning and installation – and sustainable safety in operation.



Safety

- Safe operation is guaranteed thanks to cover profiles or the snap-on and screwable hinged hoods
- All materials comply with the fire safety regulations found in DIN EN 45545
- All stud terminals are tested in line with the railway standards and made of self-extinguishing material

Time saving

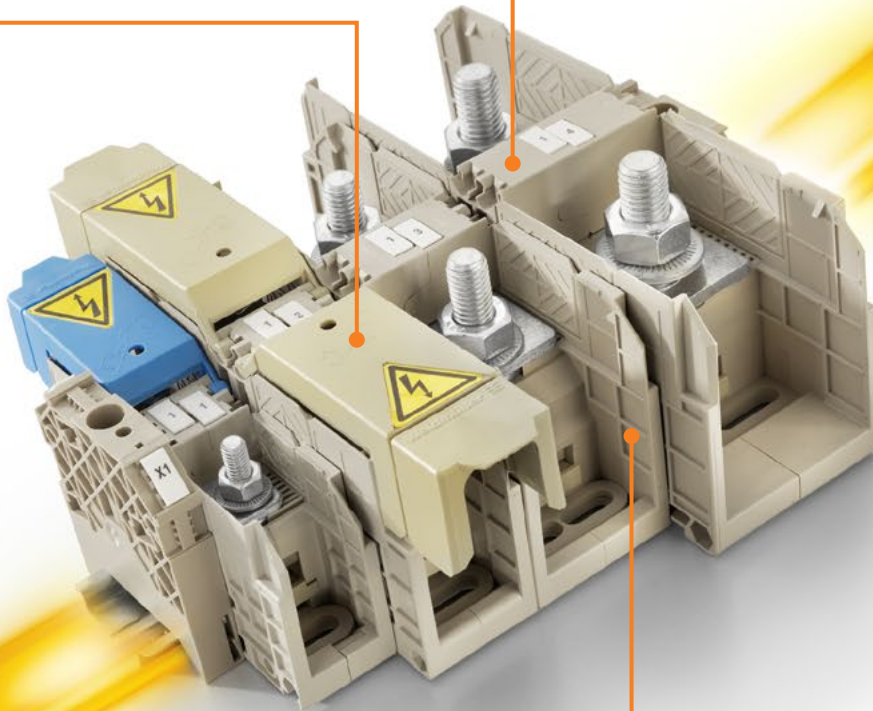
- Extensive accessories
- Quick installation

Flexibility

- Designed for voltage ranges up to 4,000 V and currents up to 415 A
- Simple to use: all that is required is one torque wrench
- Extensive portfolio of one and two stud terminals

Space saving

- Up to two cable lugs can be connected for each stud

**Overview**

In all applications where reliable power transfer is key, our stud terminals are the safe solution.

Clever operating concept:

The WF and WFF stud terminal series are available as single and two-stud terminals. The option of a built-in folding hinged hood gives the two-stud terminals in the WFF-Series a particularly high level of safety.

Robust and high performance:

The ST 400 stud terminals, made of glass-fibre reinforced, flame resistant artificial resin for operating voltages of up to 4 kV, are specially designed for use on rail vehicles and tested to meet railway standards. They are perfect for applications with high requirements in terms of vibration and shock resistance.



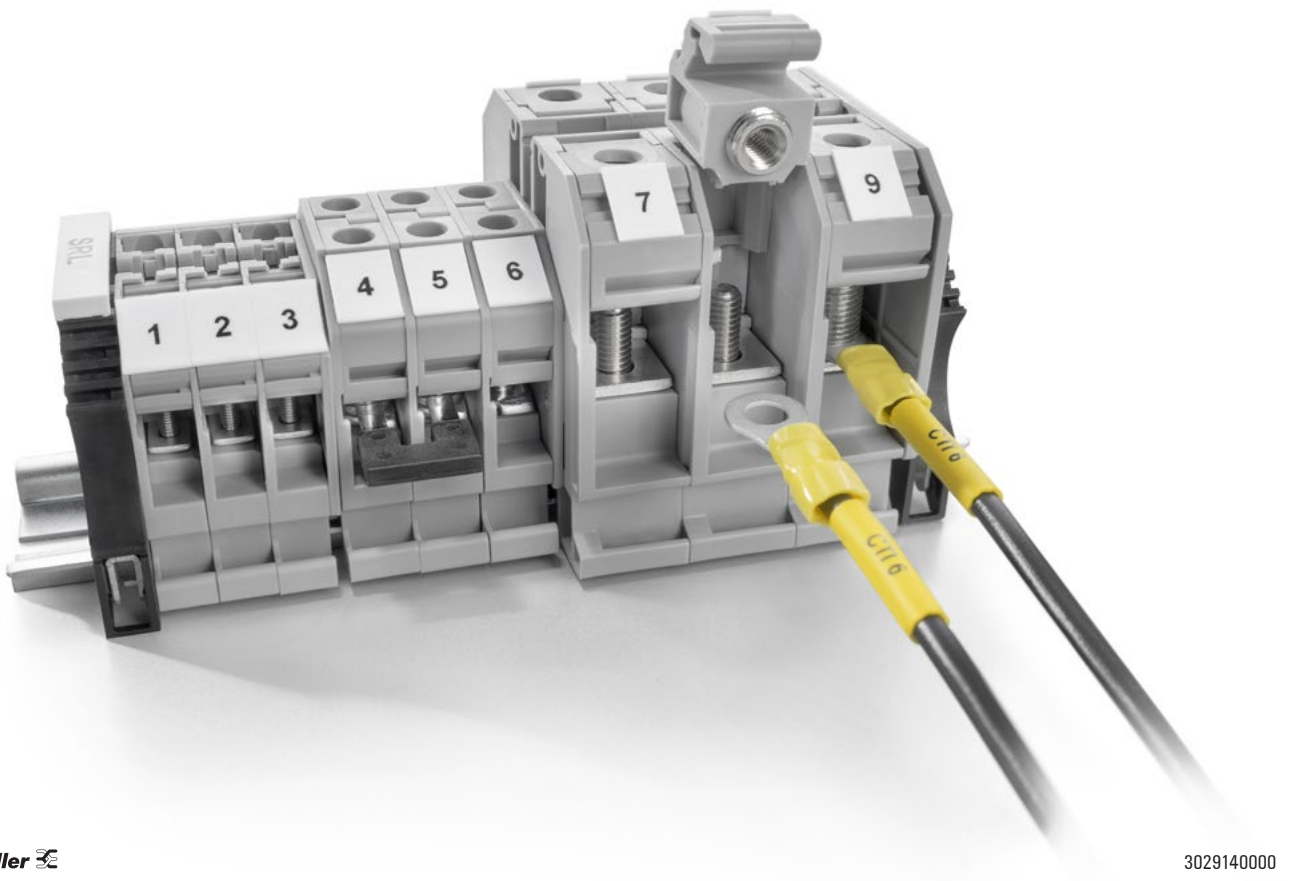
Connect ring lugs quickly and safely

Klippon® Connect SRL Range with stud technology

Our SRL terminals are best suited for applications where connections are subjected to strong vibrations. The wire to be connected is first crimped onto a ring or fork eyelet and then attached to the busbar of the terminal block. The fixing nuts remain captive in the hinged plastic carrier. For connection, the plastic carrier is lifted, the conductor is inserted with the eyelet, and the plastic carrier returned to its initial position. The fixing nut is tightened with a simple screwdriver to create a secure connection between terminal block and eyelet.

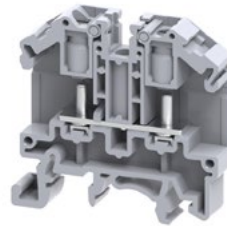
Your special advantages:

- All terminal blocks of the SRL family are protected to IP20
- The finger-safe construction makes additional covers unnecessary
- Two cable lugs can also be connected without compromising safety
- SRL 4 STB terminals have hexagon socket screws to accept standard (D) 4.3 mm test adapters
- The variants SRL 3 and SRL 6 are additionally available with internal and external cross-connection options



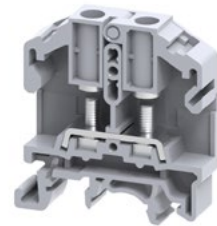
SRL 3

6 mm²



SRL 4

6 mm²



Width/Height/Depth	mm
max. current / Clamping range, max.	A
Max. clamping range	mm ²

9 x 49 x 47.25	
/ 41 / 6.00	
1.5...6.00	

11 x 48.5 x 52.2	
/ 41 / 6.00	
1.5...6.00	

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque, max.	
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600		
41	50		
6	AWG 22...8		
8 kV / 3			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
0.5 Nm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600		
41	50		
6	AWG 22...8		
8 kV / 3			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
0.5 Nm			
Note			

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
SRL 3	100	2614930000

Type	Qty.	Order No.
SRL 4	50	2614940000

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
2-pole	
4-pole	
Cross-connection permanent	
2-pole	
3-pole	
4-pole	
Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
End plate	
dark beige	
Marking tags	

Type	Qty.	Order No.
SRQB 3/2	41 A 100	2615190000
SRQB 3/3	41 A 50	2615200000
SRQB 3/4	41 A 50	2615210000
SQB 3/2	41 A 100	2615110000
SQB 3/3	41 A 50	2615120000
SQB 3/4	41 A 50	2615130000
SQV 3/2	41 A 100	2615030000
SQV 3/3	41 A 50	2615040000
SQV 3/4	41 A 50	2615050000
SQV 3/10	41 A 10	2615070000
SEP SRL 3	50	2614990000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
SRQB 4/2	41 A 100	2615220000
SRQB 4/3	41 A 50	2615230000
SRQB 4/4	41 A 50	2615240000
SQB 4/2	41 A 100	2615140000
SQB 4/3	41 A 50	2615150000
SQB 4/4	41 A 50	2615160000
SEP SRL 4	50	2615000000
WS 12/9.5-11 MC NE WS	300	2484220000

For detailed information on other accessories and application in the online catalogue

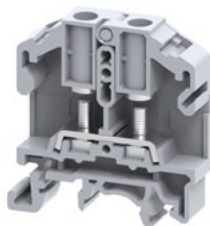
Screw connection with stud technology
Feed-through terminal blocks - SRL

Universal range

A

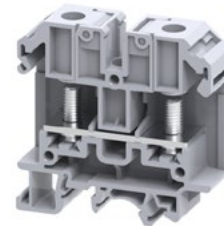
SRL 4 STB

6 mm²



SRL 6

35 mm²



Width/Height/Depth	mm
max. current / Clamping range, max.	A
Max. clamping range	mm ²

11 x 48.5 x 52.2	
/ 41 / 6.00	
1.5...6.00	

18 x 63.9 x	
/ 125 / 35.00	
1.5...35.00	

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque, max.	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			
41			
6			
8 kV / 3			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
0.5 Nm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600		
125	115		
35	AWG 22...2		
8 kV / 3			
1.5...35 mm ²			
1.5...35 mm ²			
1.5...35 mm ²			
1.5...35 mm ²			
3 Nm			

Note

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
SRL 4 STB	50	2614950000

Type	Qty.	Order No.
SRL 6	50	2614960000

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
2-pole	
4-pole	
Cross-connection permanent	
2-pole	
3-pole	
4-pole	
Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
End plate	
	dark beige
Marking tags	

Type	Qty.	Order No.
SRQB 4/2	41 A 100	2615220000
SRQB 4/3	41 A 50	2615230000
SRQB 4/4	41 A 50	2615240000
SQS 4/2	41 A 20	2615250000
SQS 4/4	41 A 10	2615260000
SQB 4/2	41 A 100	2615140000
SQB 4/3	41 A 50	2615150000
SQB 4/4	41 A 50	2615160000
SEP SRL 4	50	2615000000
WS 12/9.5-11 MC NE WS	300	2484220000

Type	Qty.	Order No.
SQV 6/2	125 A 100	2615080000
SQV 6/3	125 A 50	2615090000
SQV 6/4	125 A 50	2615100000
SEP SRL 6	50	2615010000
WS 10/15 MC NE WS	240	1854090000

For detailed information on other accessories and application in the online catalogue



Stud terminals

Power transmission

The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm² to 300 mm².

The connectors are attached to the threaded pins using crimped cable lugs and each connection is secured by tightening the hexagon nut. Stud terminals with threaded pins from M5 to M16 can be used according to the wire cross-section.

All stud terminals are tested to international standards (**EN 60947-7-1, EN 50124-1, DIN EN 61373, EN 50343, DIN EN 45545-2, NFF 61-017**) and satisfy the requirements contained therein.

Handling

Cable lugs are crimped onto the cable lugs to connect the connectors. The cable lugs are placed between the washer on the clamp support and the lock washer on the bolt of the WF terminal. With the WFF stud terminals, the cable lugs contact directly to the current bar. Tightening the hexagon nut causes the cable lugs' flaps to press against one another – thereby creating a secure contact.

WF / WFF series

- For voltage ranges up to 1000 V
- For use with special epoxy resin partition plates even up to 2,300 V and 520 A

WF single-stud terminals

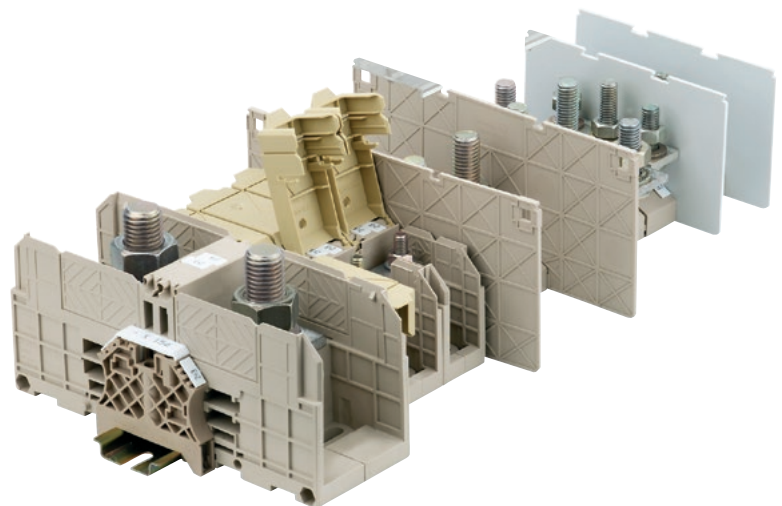
- Four connectors can be securely connected without a problem
- Three connectors even without compromising the rated data

WFF two-bolt terminals

- Two connectors can be reliably connected

Accessories

We offer an extensive range of accessories for our stud terminals. A detailed description is available on the accessory overview pages.



product overview

size of thread	M5	M6	M8	M10	M12	M16
single-stud terminals - WF	•	•	•	•	•	
twin-stud terminals - WF 2 BZ		•	•	•		
twin-stud terminals - WFF		•	•	•	•	•
twin-stud terminals - ST 4000 (up to 4000 V)			•	•	•	

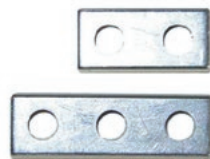
Stud connection

- Stud size M5 to M16
- Connector with cable lug according to DIN 46234 up to 240 mm² and DIN 46235 up to 300 mm²



Cross-connections

- Saves a great deal of time through fast potential distribution
- Can be used for all stud terminals
- 2, 3 and 4-pin variations available
- Potential distribution between different sizes possible (from WF6 to WF8 and to WF10)



Simple operation

- The cable lugs are placed on the bolt using the washer
- The lock washer is placed on top
- A secure contact is established between the cable lugs by tightening the steel nuts

Clamp supports made of Wemid

- Non-tracking CTI 600
- Temperature-resistant up to 130°C
- Self-extinguishing V0 according to UL94
- Non-toxic
- No smoke emission in the event of fire
- Complies with the requirements set out in DIN EN 45545-2

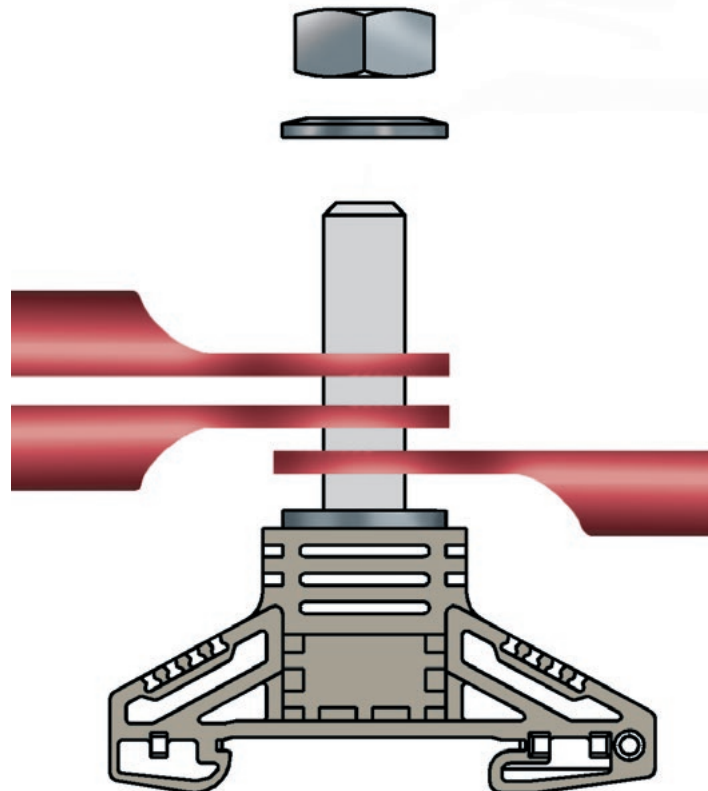
Contact security

- Maintenance-free, no tightening of the nut necessary
- Resistant to vibrations and high contact force through lock washer

Safe operation

Touch-safe protection

- In the case of WF, through partition plates and transparent cover profiles
- In the case of WFF, with a lockable cover hood for each connection



Screw connection with stud technology
Feed-through terminal blocks - WF and WFF

Universal range

A

WF 5 **16 mm²**

Screw thread M5



WF 5 NFF **16 mm²**

Screw thread M5



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

13 x 67 x 54.5	
76 / 16	
0.1...16	

13 x 67 x 54.5	
76 / 16	
0.1...16	

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque min./max.	

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
76	85	85	
16	AWG 10...4	AWG 10...4	
8 kV / 3			
/ V-0			
0.1...16 mm ²			
0.1 to 16 mm ²			
6...10 mm ²			
6...10 mm ²			
2...4 Nm			

IEC	UL	CSA	EN 60079-7
1000			
76			
16			
8 kV / 3			
/ V-0			
0.1...16 mm ²			
0.1 to 16 mm ²			
6...10 mm ²			
6...10 mm ²			
3.7...4.5 Nm			

Note

1000V UL and CSA for usage groups B and C can be used with isolating terminal rails and when using WTW WF6 1781220000 partitions.

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
WF 5	25	1790130000
1000 V DC rated voltage passed with the WTW WF6 1781220000 partition plate.		

Type	Qty.	Order No.
WF 5 NFF	25	1968990000

Accessories

Cross-connector	
	2-pole
	3-pole
	4-pole
Auxiliary/control connection	
	up to 4 mm ² , 32 A
Spacer	
	dark beige
	Beige epoxy resin
	dark beige
End bracket	
	dark beige
Hood transparent	
	Hood transparent 1000 mm
Holder for shrouding cover transparent	
	Holder for shrouding cover, transparent
Busbar	
Marking tags	

Type	Qty.	Order No.
WQL 2 WF5	76 A 5	1812710000
WQL 3 WF5	76 A 5	1812740000
WTW WF6	20	1781220000
WTW WF6 2300	20	1781230000
WTW WF6-WF12	20	1781240000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 12/5 MC NE WS	720	1609860000

Type	Qty.	Order No.
WQL 2 WF5	76 A 5	1812710000
WQL 3 WF5	76 A 5	1812740000
WTW WF6	20	1781220000
WTW WF6 2300	20	1781230000
WTW WF6-WF12	20	1781240000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 15/5 MC NE WS	480	1609880000
DEK 5/6 MC NE WS	1000	1609820000

For detailed information on other accessories and application in the online catalogue

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 6

35 mm²

Screw thread M6



17.8 x 67 x 54.5
125 / 35
2.5...35



IEC	UL	CSA	EN 60079-7
1000	1000	1000	
125	115	150	
35	AWG 14...2	AWG 14...2	

8 kV / 3
/ V-0



2.5...35 mm²
2.5 to 35 mm²
6...25 mm²
6...25 mm²
3...6 Nm

1000 V UL and CSA for usage groups B and C; can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 6	25	1780850000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WQL 2 WF6	125 A 5	1780970000
WQL 3 WF6	125 A 5	1780980000
WZAF 35	32 A 10	1070500000
WTW WF6	20	1781220000
WTW WF6 2300	20	1781230000
WTW WF6-WF12	20	1781240000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 10/6 MC NE WS	600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 6 NFF

35 mm²

Screw thread M6



17.8 x 67 x 54.5
125 / 35
2.5...35



IEC	UL	CSA	EN 60079-7
1000			
125			
35			

8 kV / 3
/ V-0



2.5...35 mm²
2.5 to 35 mm²
6...35 mm²
6...25 mm²
5.8...7 Nm

Type	Qty.	Order No.
WF 6 NFF	25	1969000000

Type	Qty.	Order No.
WQL 2 WF6	125 A 5	1780970000
WQL 3 WF6	125 A 5	1780980000
WZAF 35	32 A 10	1070500000
WTW WF6	20	1781220000
WTW WF6 2300	20	1781230000
WTW WF6-WF12	20	1781240000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 15/5 MC NE WS	480	1609880000
DEK 5/6 MC NE WS	1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 8

50 mm²

Screw thread M8



22.8 x 67 x 63.5
150 / 50
2.5...50



IEC	UL	CSA	EN 60079-7
1000	1000	1000	
150	150	200	
50	AWG 14...0	AWG 14...0	

8 kV / 3
/ V-0



2.5...50 mm²
2.5 to 50 mm²
6...35 mm²
6...35 mm²
6...12 Nm

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 8	25	1780860000

Type	Qty.	Order No.
WQL 2 WF8	150 A 5	1780990000
WQL 3 WF8	150 A 5	1781000000
WZAF 70	32 A 10	1066200000
WTW WF8	20	1780900000
WTW WF8 2300	20	1780910000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 10/6 MC NE WS	600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1



Screw connection with stud technology
Feed-through terminal blocks - WF and WFF

Universal range

A

WF 8 NFF **50 mm²**

Screw thread M8



WF 10 **120 mm²**

Screw thread M10



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

22.8 x 67 x 63.5	
150 / 50	
2.5...50	

33.8 x 67 x 72.5	
269 / 120	
6...120	

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque min./max.	
Note	

IEC	UL	CSA	EN 60079-7
1000			
150			
50			
		8 kV / 3	
		/V-0	
2.5...50 mm ²			
2.5 to 50 mm ²			
6...35 mm ²			
6...35 mm ²			
15...18 Nm			
Note			

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...250	AWG 10...250	
		8 kV / 3	
		/V-0	
6...120 mm ²			
6 to 120 mm ²			
10...95 mm ²			
10...95 mm ²			
10...20 Nm			
Note			
1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.			

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
WF 8 NFF	25	1968960000

Type	Qty.	Order No.
WF 10	20	1780870000

Accessories

Cross-connector	
	2-pole
	3-pole
	4-pole
Auxiliary/control connection	
	up to 4 mm ² , 32 A
Spacer	
	dark beige
	Beige epoxy resin
	dark beige
End bracket	
	dark beige
Hood transparent	
	Hood transparent 1000 mm
Holder for shrouding cover transparent	
	Holder for shrouding cover, transparent
Busbar	
Marking tags	

Type	Qty.	Order No.
WQL 2 WF8	150 A 5	1780990000
WQL 3 WF8	150 A 5	1781000000
WZAF 70	32 A 10	1066200000
WTW WF8	20	1780900000
WTW WF8 2300	20	1780910000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 15/5 MC NE WS	480	1609880000
DEK 5/6 MC NE WS	1000	1609820000

Type	Qty.	Order No.
WQL 2 WF10	269 A 5	1781010000
WQL 3 WF10	269 A 5	1781020000
WQL 4 WF10	265 A 5	1027840000
WZAF 120	32 A 10	1066300000
WTW WF10/WF12	20	1780890000
WTW WF10/WF12 2300	20	1780920000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000
WS 10/6 MC NE WS	600	1828450000

For detailed information on other accessories and application in the online catalogue

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 10 NFF

120 mm²

Screw thread M10



33.8 x 67 x 72.5
269 / 120
6...120



IEC	UL	CSA	EN 60079-7
1000			
269			
120			

8 kV / 3
/ V-0



6...120 mm²
6 to 120 mm²
10...95 mm²
10...95 mm²
30...36 Nm

Type	Qty.	Order No.
WF 10 NFF	20	1968950000

Type	Qty.	Order No.
WQL 2 WF10	269 A 5	1781010000
WQL 3 WF10	269 A 5	1781020000
WQL 4 WF10	265 A 5	1027840000
WZAF 120	32 A 10	1066300000
WTW WF10/WF12	20	1780890000
WTW WF10/WF12 2300	20	1780920000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000
SMSE WF10/2XM6	10	1868880000
WS 15/5 MC NE WS	480	1609880000
DEK 5/6 MC NE WS	1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 12

120 mm²

Screw thread M12



33.8 x 67 x 70.5
269 / 120
6...120



IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...250	AWG 10...250	

8 kV / 3
/ V-0



6...120 mm²
6 to 120 mm²
10...95 mm²
10...95 mm²
14...31 Nm

1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 12	20	1780880000

Type	Qty.	Order No.
WQL 2 WF12	269 A 5	1781030000
WQL 3 WF12	269 A 5	1781040000
WZAF 185	32 A 10	1066400000
WTW WF10/WF12	20	1780890000
WTW WF10/WF12 2300	20	1780920000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000
WS 10/6 MC NE WS	600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 12 NFF

120 mm²

Screw thread M12



33.8 x 67 x 70.5
269 / 120
6...120



IEC	UL	CSA	EN 60079-7
1000			
269			
120			

8 kV / 3
/ V-0



6...120 mm²
6 to 120 mm²
10...95 mm²
10...95 mm²
50...60 Nm

Type	Qty.	Order No.
WF 12 NFF	20	1968940000

Type	Qty.	Order No.
WQL 2 WF12	269 A 5	1781030000
WQL 3 WF12	269 A 5	1781040000
WZAF 185	32 A 10	1066400000
WTW WF10/WF12	20	1780890000
WTW WF10/WF12 2300	20	1780920000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000
SMSE WF10/2XM6	10	1868880000
WS 15/5 MC NE WS	480	1609880000
DEK 5/6 MC NE WS	1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1



Screw connection with stud technology
Feed-through terminal blocks - WF and WFF

Universal range

A

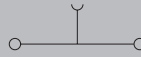
WF 6/2BZ

35 mm²

Screw thread M6



17.8 x 67 x 54.5
125 / 35
2.5...35



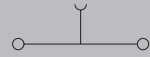
WF 8/2BZ

50 mm²

Screw thread M8



22.8 x 67 x 63.5
150 / 50
2.5...50



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque min./max.	
Note	

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
125	115	115	
35			
8 kV / 3			
/ V-0			
2.5...35 mm ²			
2.5 to 35 mm ²			
6...25 mm ²			
6...25 mm ²			
3...6 Nm			
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.			

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
150	150	150	
50			
8 kV / 3			
/ V-0			
2.5...50 mm ²			
2.5 to 50 mm ²			
6...35 mm ²			
6...35 mm ²			
6...12 Nm			
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.			

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
WF 6/2BZ	25	1789770000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WF 8/2BZ	25	1789780000
1000 VDC rated voltage tested.		

Accessories

Cross-connector	
	2-pole
	3-pole
Auxiliary/control connection	
	up to 4 mm ² , 32 A
Spacer	
	dark beige
	Beige epoxy resin
End bracket	
	dark beige
Hood transparent	
	Hood transparent 1000 mm
Holder for shrouding cover transparent	
	Holder for shrouding cover, transparent
Marking tags	

Type	Qty.	Order No.	
WQL 2 WF6	125 A	5	1780970000
WQL 3 WF6	125 A	5	1780980000
WZAF 35	32 A	10	1070500000
WTW WF10/WF12		20	1780890000
WTW WF6 2300		20	1781230000
WEW 35/2		50	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
WS 12/5 MC NE WS		720	1609860000

Type	Qty.	Order No.	
WQL 2 WF8	150 A	5	1780990000
WQL 3 WF8	150 A	5	1781000000
WZAF 70	32 A	10	1066200000
WTW WF10/WF12		20	1780890000
WTW WF8 2300		20	1780910000
WEW 35/2		50	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
WS 12/5 MC NE WS		720	1609860000

For detailed information on other accessories and application in the online catalogue

With WTW...2300 made from epoxy resin, rated current 2300 V according to DIN EN 50124 pt 1

With WTW...2300 made from epoxy resin, rated current 2300 V according to DIN EN 50124 pt 1

WF 10/2BZ

120 mm²

Screw thread M10



33.8 x 87.6 x 72.5
269 / 120
6...120



IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	230	230	
120			

8 kV / 3
/ V-0



6...120 mm²
6 to 120 mm²
10...95 mm²
10...95 mm²
10...20 Nm

1000 V UL and CSA for usage groups B and C; can be used with isolating terminal rails and when using WTW-type partitions.

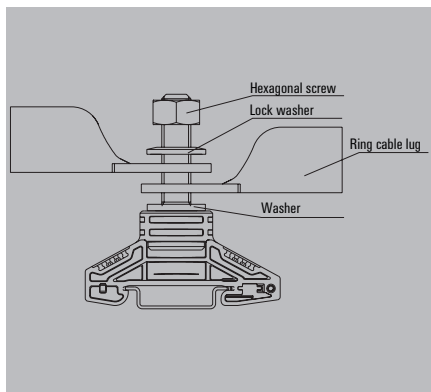
Type	Qty.	Order No.
WF 10/2BZ	10	1789790000

1000 VDC rated voltage tested.

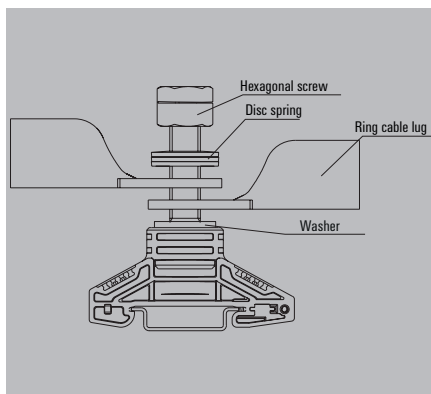
Type	Qty.	Order No.
WQL 2 WF10	269 A 5	1781010000
WQL 3 WF10	269 A 5	1781020000
WZAF 120	32 A 10	1066300000
WTW WF10/WF12	20	1780890000
WTW WF10/WF12 2300	20	1780920000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000

With WTW...2300 made from epoxy resin, rated current 1500 V up to 70 mm² according to DIN EN 50124 pt 1

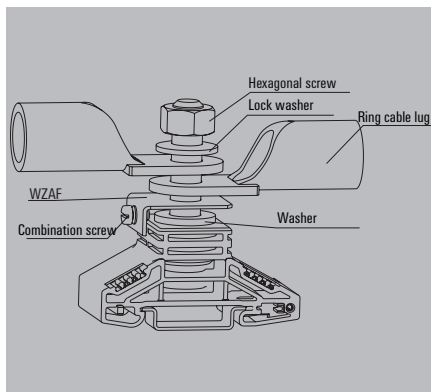
Stud connection series WF



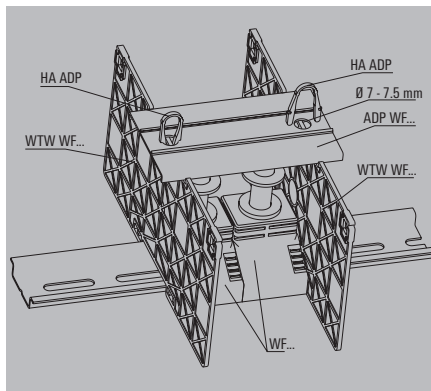
Stud connection series WF NFF



Auxiliary/control line connection WZAF



Application example



Structure to use cover profiles (ADP WF) on the partition plates (WTW WF) with the relevant holders (HA ADP).

Drilled holes for cover profiles 7-7.5 mm



Screw connection with stud technology
Feed-through terminal blocks - WF and WFF

WFF 35

35 mm²

Screw thread M6



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

27 x 107 x 51	
150 / 50	
2.5...50	

Ex eb II
C Gb II 2 G D

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	
Tightening torque min./max.	
Note	

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
125	115	130	125
35	AWG 14...2	AWG 14...2	35 mm ²
8 kV / 3 / V-0			
KEMA 98ATEX1684 U			
2.5...50 mm ² / 2.5 to 35 mm ²			
6...25 mm ² / 6...25 mm ²			
3...6 Nm			
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.			

Ordering data

Version	dark beige
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WFF 35	10	1028300000
WFF 35/AH	5	1029300000
WFF 35 BL	10	1028380000
1000 VDC rated voltage tested.		

Accessories

Cross-connector	
	2-pole
	3-pole
Auxiliary/control connection	
	up to 4 mm ² , 32 A
Spacer	
	dark beige
End bracket	
	dark beige, screwable
Hood	
	Hood, dark beige Wemid
Marking tags	
	Warning triangle for power supply terminals

Type	Qty.	Order No.
WQL 2 WFF35	125 A 5	1064900000
WQL 3 WFF35	125 A 5	1065400000
WZAF 35	32 A 10	1070500000
WTW WFF35	10	1067100000
WEW 35/1	50	1059000000
WAH 35	20	1064460000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

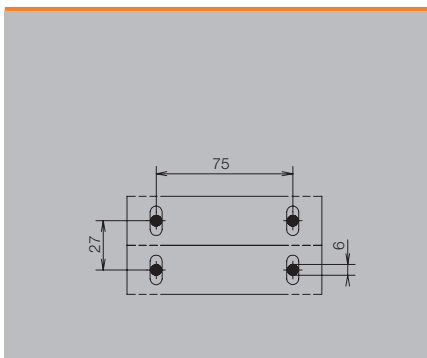
For detailed information on other accessories and application in the online catalogue

WAH 35 in blue, Order no. 1064480000

Technical drawing

Drilling template for direct mounting

Fixing screw for direct mounting	Order No.
M6 x 16	1063700000



WFF 35 NFF

35 mm²

Screw thread M6



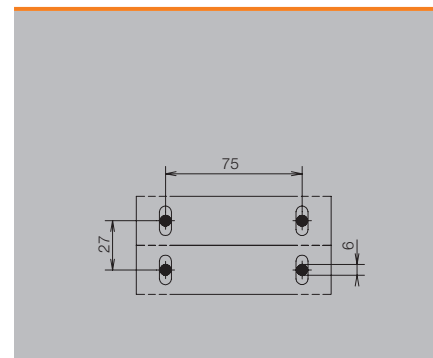
27 x 107 x 51	
125 / 50	
2.5...50	

IEC	UL	CSA	EN 60079-7
500			
125			
35			
8 kV / / V-0			
2.5...50 mm ² / 2.5 to 35 mm ²			
6...25 mm ² / 6...25 mm ²			
5.8...7 Nm			

Type	Qty.	Order No.
WFF 35 NFF	5	1049220000

Type	Qty.	Order No.
WQL 2 WFF35	125 A 5	1064900000
WQL 3 WFF35	125 A 5	1065400000
WZAF 35	32 A 10	1070500000
WTW WFF35	10	1067100000
WEW 35/1	50	1059000000
WAH 35	20	1064460000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 35 in blue, Order no. 1064480000



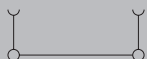
WFF 70

70 mm²

Screw thread M8



31.8 x 132 x 61
232 / 95
2.5...95



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
192	175	170	
70	AWG 14...0	AWG 14...0	

8 kV / 3
/ V-0

KEMA 98ATEX1684 U

2.5...95 mm² / 2.5...70 mm²
16...70 mm² / 16...70 mm²
6...12 Nm

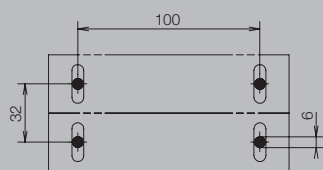
When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm², the rated voltage is reduced to 800 V.

Type	Qty.	Order No.
WFF 70	10	1028400000
WFF 70/AH	5	1029400000
WFF 70 BL	10	1028480000

1000 V DC rated voltage tested. 1000 V UL and CSA for usage groups B and C. can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WQL 2 WFF70	192 A 5	1065000000
WQL 3 WFF70	192 A 5	1065500000
WZAF 70	32 A 10	1066200000
WTW WFF70	10	1067200000
WEW 35/1	50	1059000000
WAH 70 BE	20	1064560000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 70 in blue, Order no. 1064580000



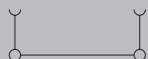
WFF 70 NFF

70 mm²

Screw thread M8



32 x 132 x 61
192 / 95
2.5...95



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
192			
70			

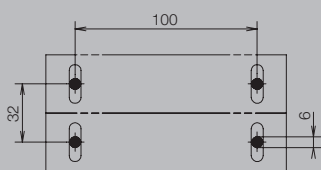
8 kV /
/ V-0

2.5...95 mm² / 2.5...70 mm²
16...70 mm² / 16...70 mm²
15...18 Nm

Type	Qty.	Order No.
WFF 70 NFF	5	1049230000

Type	Qty.	Order No.
WQL 2 WFF70	192 A 5	1065000000
WQL 3 WFF70	192 A 5	1065500000
WZAF 70	32 A 10	1066200000
WTW WFF70	10	1067200000
WEW 35/1	50	1059000000
WAH 70 BE	20	1064560000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 70 in blue, Order no. 1064580000



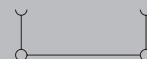
WFF 120

120 mm²

Screw thread M10



42 x 132 x 72
309 / 150
6...150



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
269	310	310	
120	AWG 10...250	AWG 10...250	

8 kV / 3
/ V-0

KEMA 98ATEX1684 U

6...150 mm² / 6 to 120 mm²
16...150 mm² / 16...120 mm²
10...20 Nm

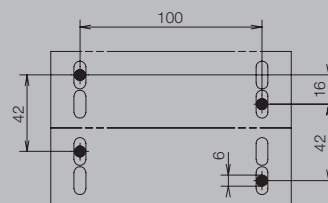
1000 V UL and CSA for usage groups B and C. can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WFF 120	5	1028500000
WFF 120/AH	4	1029500000
WFF 120 BL	5	1028580000

1000 VDC rated voltage tested.

Type	Qty.	Order No.
WQL 2 WFF120	269 A 5	1065100000
WQL 3 WFF120	269 A 5	1065600000
WZAF 120	32 A 10	1066300000
WTW WFF120	10	1067300000
WEW 35/1	50	1059000000
WAH 120	20	1064660000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 120 in blue, order No. 1064680000



Screw connection with stud technology
Feed-through terminal blocks - WF and WFF

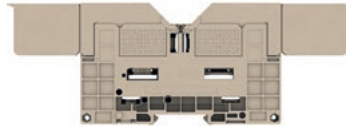
Universal range

A

WFF 120 NFF

120 mm²

Screw thread M10



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

42 x 132 x 72.5	
269 / 150	
6...150	

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	
Tightening torque min./max.	
Note	

Ordering data

Version	
	dark beige
	dark beige
	Blue
Note	

Accessories

Cross-connector	
	2-pole
	3-pole
Auxiliary/control connection	
	up to 4 mm ² , 32 A
Spacer	
	dark beige
End bracket	
	dark beige, screwable
Hood	
	Hood, dark beige Wemid
Marking tags	
	Warning triangle for power supply terminals

For detailed information on other accessories and application in the online catalogue

Technical drawing

Drilling template for direct mounting

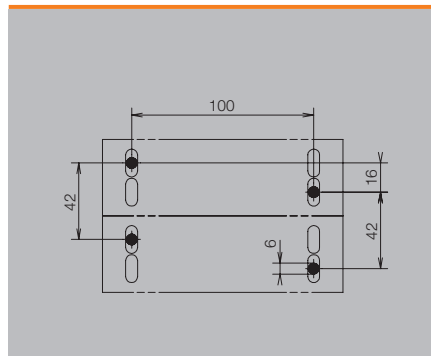
Fixing screw for direct mounting	Order No.
M6 x 16	1063700000

IEC	UL	CSA	EN 60079-7
500			
269			
120			
8 kV / /V-0			
6...150 mm ² / 6 to 120 mm ²			
16...150 mm ² / 16...120 mm ²			
30...36 Nm			
Note			

Type	Qty.	Order No.
WFF 120 NFF	4	1049240000
Note		

Type	Qty.	Order No.
WQL 2 WFF120	269 A 5	1065100000
WQL 3 WFF120	269 A 5	1065600000
WZAF 120	32 A 10	1066300000
WTW WFF120	10	1067300000
WEW 35/1	50	1059000000
WAH 120	20	1064660000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000
Note		

WAH 120 in blue, order No. 1064680000



WFF 185

185 mm²

Screw thread M12



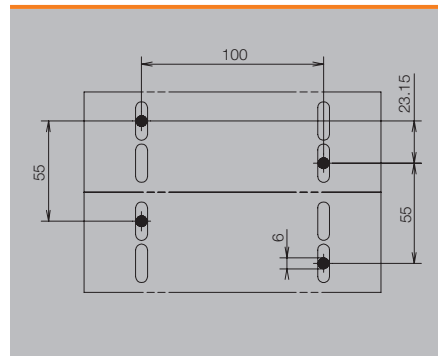
55 x 163 x 77.5	
415 / 240	
10...240	

IEC 60947-7-1	UL	CSA	EN 60079-7
1000	1000	600	
353	380	360	
185	AWG 8...500	AWG 8...500	
8 kV / 3 /V-0			
10...240 mm ² / 10...185 mm ²			
25...240 mm ² / 25...185 mm ²			
14...31 Nm			
Note			

Type	Qty.	Order No.
WFF 185	4	1028600000
WFF 185/AH	2	1029600000
WFF 185 BL	4	1028680000
Note		

Type	Qty.	Order No.
WQL 2 WFF185	353 A 5	1065200000
WQL 3 WFF185	353 A 5	1065700000
WZAF 185	32 A 10	1066400000
WTW WFF185/300	10	1067400000
WEW 35/1	50	1059000000
WAH 185/300 BE	10	1064760000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000
Note		

WAH 185/300 in blue, Order no. 1064780000



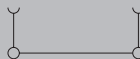
WFF 185 NFF

185 mm²

Screw thread M12



55 x 163 x 77.2
353 / 240
10...240



IEC	UL	CSA	EN 60079-7
500			
353			
185			

8 kV /
/ V-0

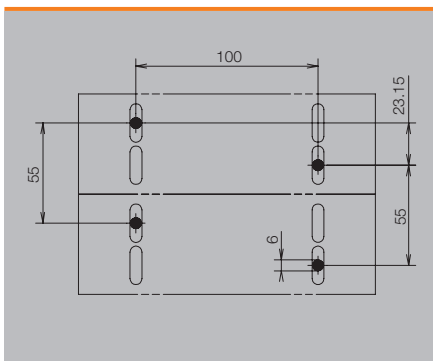


10...240 mm² / 10...185 mm²
25...240 mm² / 25...185 mm²
50...60 Nm

Type	Qty.	Order No.
WFF 185 NFF	2	1049250000

Type	Qty.	Order No.
WQL 2 WFF185	353 A 5	1065200000
WQL 3 WFF185	353 A 5	1065700000
WZAF 185	32 A 10	1066400000
WTW WFF185/300	10	1067400000
WEW 35/1	50	1059000000
WAH 185/300 BE	10	1064760000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 185/300 in blue, Order no. 1064780000



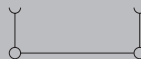
WFF 300

300 mm²

Screw thread M16



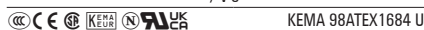
55 x 163 x 85.5
520 / 300
25...300



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
520	500	510	
300	AWG 6...600	AWG 6...600	

8 kV /
/ V-0



KEMA 98ATEX1684 U

25...240 mm² / 25 to 240 mm²
50...300 mm² / 50...300 mm²
25...60 Nm

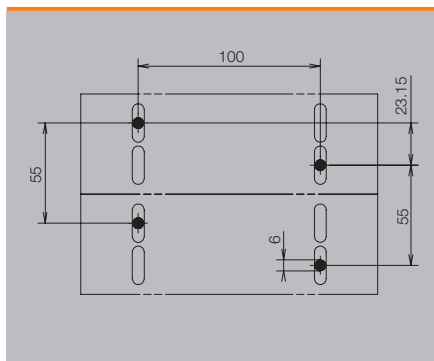
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WFF 300	4	1028700000
WFF 300/AH	2	1029700000

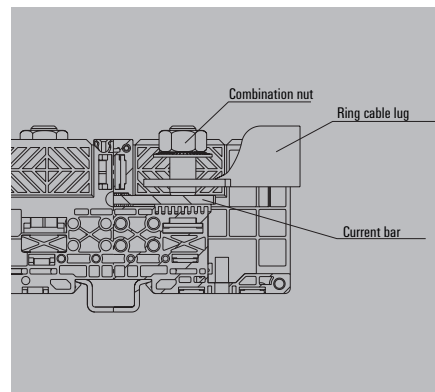
1000 VDC rated voltage tested.

Type	Qty.	Order No.
WQL 2 WFF300	520 A 5	1065300000
WQL 3 WFF300	520 A 5	1065800000
WZAF 300	32 A 10	1066500000
WTW WFF185/300	10	1067400000
WEW 35/1	50	1059000000
WAH 185/300 BE	10	1064760000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

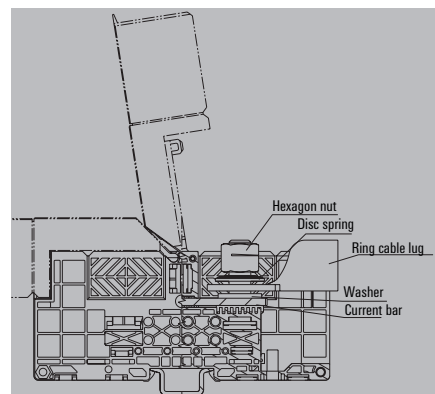
WAH 185/300 in blue, Order no. 1064780000



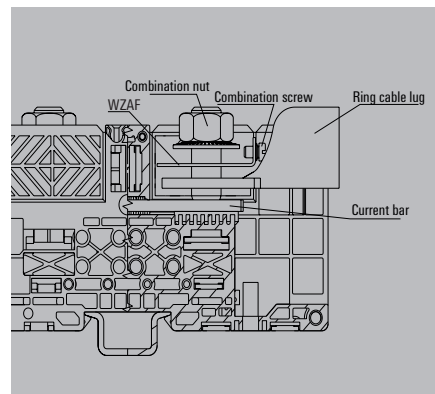
Stud connection series WFF



Stud connection series WFF NFF

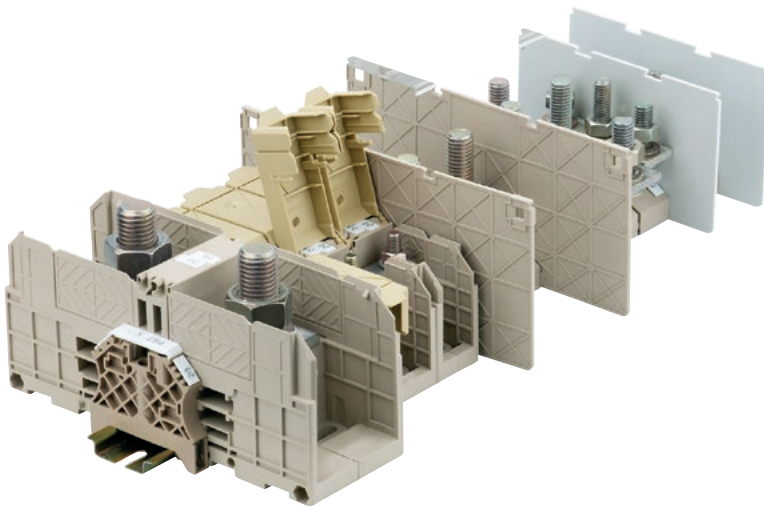


Auxiliary/control line connection WZAF



Stud terminals – Accessories

Series WF and WFF



Electrical distribution



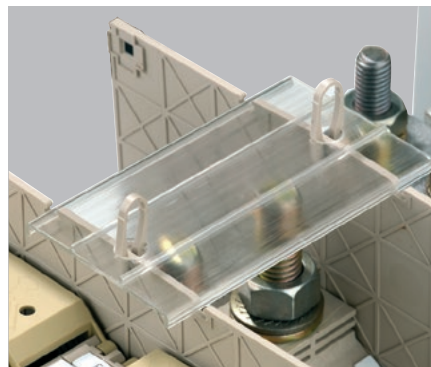
Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF two-stud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

Shock protection



The two-stud terminals in the WF-Series offer, with an integrated hinge cover, a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

Shock protection / partition plates



Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltages:

- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal open-ended spanner can be used to tighten the hex screw and complete installation.

Potential distribution from stud terminal blocks M10 to 2 x M6

The potential distribution between adjacent stud terminal blocks can be implemented simply using 2- and 3-pole cross-connections, please consult products in the stud terminal chapter.

Reduced cross-sections are required for special applications. These so-called cross-connection lugs are offered accordingly for varying thread sizes from M6 to M10 with a wide range of combinations.

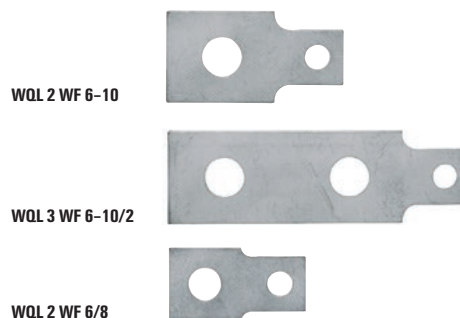


Ordering data

Type	Qty.	Order No.
SMSE WF10/2XM6	10	1868880000

Note Hole diameter: 10 mm for M10 studs
Stud terminals: WF 10... and WFF 120. The rated current is dependent on the test set-up.

WQL special cross-connection lugs for WF



Ordering data

Type	Depth	current	Clamping screw	Terminal screw, additional connection	Qty.	Order No.
WQL 2 WFG-10	4 mm	125 A	M 6	M 10	5	1806620000
WQL 3 WFG-10/2	4 mm	125 A	M 6	M 10	5	1806640000
WQL 2 WFG-8	4 mm	125 A	M 6	M 8	5	1808980000
WQL 4 WFG-6/3	4 mm	24 A	M 8	M 6	5	1904960000
Note						



WF - cross-connections for WF and WFF



Type	Poles	current	Qty.	Order No.
WF 5				
WQL 2 WF5	2	101 A	5	1812710000
WQL 3 WF5	3	101 A	5	1812740000
WF 6 & WF 6/2BZ				
WQL 2 WF6	2	125 A	5	1780970000
WF 8 & WF 8/2BZ				
WQL 2 WF8	2	150 A	5	1780990000
WQL 3 WF8	3	150 A	5	1781000000
WF 10 & WF 10/2BZ				
WQL 2 WF10	2	265 A	5	1781010000
WQL 3 WF10	3	265 A	5	1781020000
WF 12				
WQL 2 WF12	2	265 A	5	1781030000
WQL 3 WF12	3	265 A	5	1781040000
WFF 35				
WQL 3 WFF35	3	150 A	5	1065400000
WFF 70				
WQL 3 WFF70	3	232 A	5	1065500000
WFF 120				
WQL 3 WFF120	3	309 A	5	1065600000
WFF 185				
WQL 3 WFF185	3	415 A	5	1065700000
WFF 300				
WQL 3 WFF300	3	520 A	5	1065800000
WF 6 & WF 6/2BZ				
WQL 3 WF6	3	125 A	5	1780980000
WF 10 & WF 10/2BZ				
WQL 4 WF10	4	265 A	5	1027840000
WFF 35				
WQL 2 WFF35	2	150 A	5	1064900000
WFF 70				
WQL 2 WFF70	2	232 A	5	1065000000
WFF 120				
WQL 2 WFF120	2	309 A	5	1065100000
WFF 185				
WQL 2 WFF185	2	415 A	5	1065200000
WFF 300				
WQL 2 WFF300	2	520 A	5	1065300000

WF-Series partition plates



Type	Colour	Width	Qty.	Order No.
WTW WF6-WF12	dark beige	2.5 mm	20	1781240000
WTW WF6	dark beige	3 mm	20	1781220000
WTW WF8	dark beige	3 mm	20	1780900000
WTW WF10/WF12	dark beige	3 mm	20	1780890000

WFF-Series partition plates



Type	Colour	Width	Qty.	Order No.
WTW WFF35	grey	2 mm	10	1067100000
WTW WFF70	grey	2 mm	10	1067200000
WTW WFF120	grey	2 mm	10	1067300000
WTW WFF185/300	grey	2 mm	10	1067400000



WFF series cover hoods



Type	Colour	Width	Qty.	Order No.
WAH 35	beige	26 mm	20	1064460000
WAH 70 BE	beige	31 mm	20	1064560000
WAH 120	beige	41 mm	20	1064660000
WAH 185/300 BE	beige	54 mm	10	1064760000

WF-Series 2300 V partition plates



Type	Colour	Width	Qty.	Order No.
WTW WF6 2300	grey	2 mm	20	1781230000
WTW WF8 2300	grey	2 mm	20	1780910000
WTW WF10/WF12 2300	grey	2 mm	20	1780920000

Warning triangle for power supply terminal blocks











Type	Colour	Width	Qty.	Order No.
SYMBOL-P. 25X25X25 B/DR	yellow	25 mm	120	1741090000
SYMBOL-P. 50X50X50 B/DR	yellow	50 mm	1	1741100000
MARKO-C. 25X25X25 B/DR.	yellow	25 mm	10	1700530001
MARKO-C. 50X50X50 B/DR.	yellow	50 mm	10	1700540001





Application range

Application range	Application fields in the panel	B.2
	Power feed-in	B.4
	PUSH IN connection	B.6
	Screw connection	B.26
	Power distribution	B.52
	Hybrid connection	B.54
	Screw connection	B.56
	PUSH IN connection	B.96
	Tension clamp connection	B.97
	Control voltage distribution	B.100
	PUSH IN connection	B.102
	Signal wiring	B.128
	PUSH IN connection	B.130
	Tension clamp connection	B.134
	Screw connection	B.136
	Signal marshalling	B.142
	Screw connection	B.149
	PUSH IN connection	B.166
	Building installation wiring	B.180
	PUSH IN connection	B.182
	Screw connection	B.204
	Instrument transformer wiring	B.214
	TTB Range	B.216
	Screw connection	B.240
	Threaded stud connection	B.256
	Shielding and earthing	B.258
	Shield clamping saddle	B.262
	Potential equalisation terminal block	B.276
	Functional earth	B.279
	Earth conductor disconnect terminals	B.298

Panel building requires innovative ideas

Klippon® Connect delivers pioneering connectivity solutions

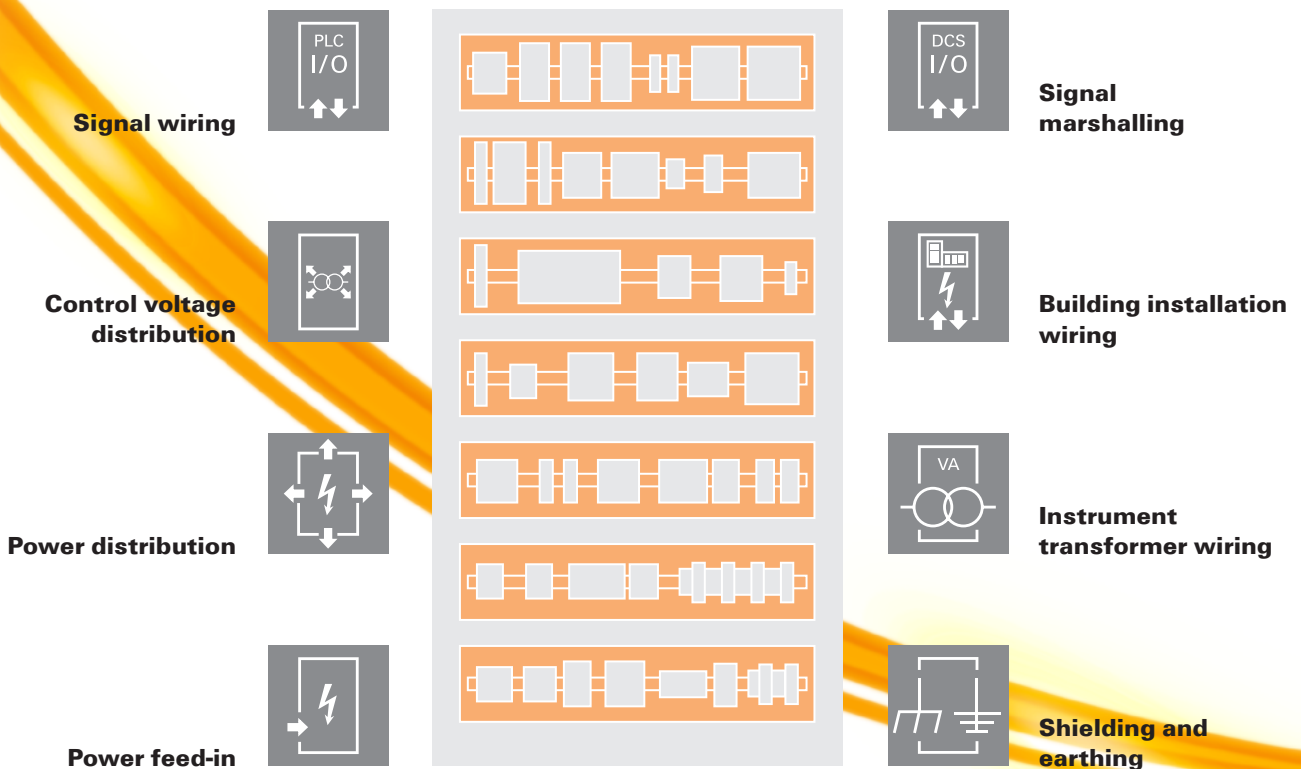
While panels are indeed configured individually, various recurring application fields within the panel are a permanent fixture in almost all industries.

We have identified and developed special solutions for these application fields. By purposefully structuring and adapting the product functions to the respective requirements, our needs-based application products decisively help to boost your productivity, efficiency and safety at all stages of the panel building process.

Our promise

Our tailored application range guarantees substantial efficiency benefits at every individual stage of the process and leads to unbeatable productivity gains in your panel building operations.

B





Power feed-in

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.



Power distribution

You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.



Control voltage distribution

Our tailored AAP potential distribution terminal blocks are ideal for surge current protection and central control voltage distribution. Meanwhile, our new maxGUARD range enables potential distribution with integrated electronic load monitoring in the smallest of installation spaces.



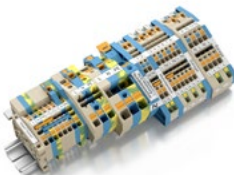
Signal wiring

Tailored and particularly compact: with our AIO initiator/actuator terminal blocks, you are relying on an application-optimised solution for signal wiring. We also offer you other terminal blocks featuring spring and screw connection technology for signal wiring.



Signal marshalling

Our innovative PRV terminal blocks for Signal marshalling featuring a PUSH IN connection and our multifunctional Signal marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.



Building installation wiring

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.



Instrument transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.



Shielding and earthing

Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields. A comprehensive range of accessories rounds off our range.

Reliable and efficient power supply

Really convenient with Klippon® Connect

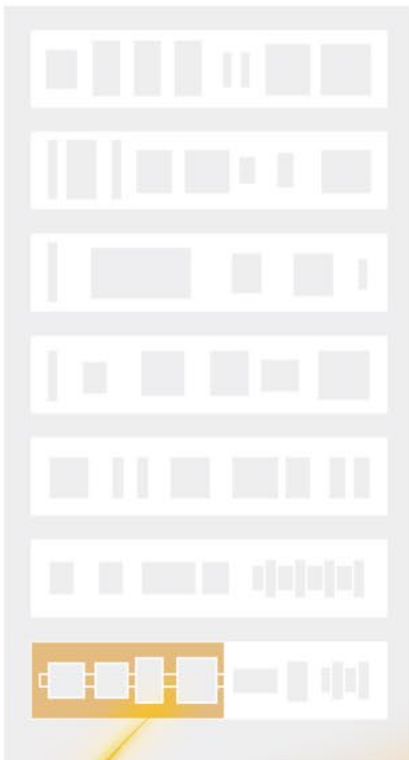


More and more components need to be housed in switchgear and panels within a confined space. As part of the power feed-in, connecting conductors is becoming increasingly challenging, especially for large cross-sections. Our comprehensive range of connection solutions also enables convenient wiring in challenging space conditions. The compact design and the combination of many practical handling benefits make the supply of power to switchgear and panels simple, efficient and space-saving.

Our promise

The feed-in of power to switchgear and panels is much easier with Klippon® Connect: our connection solutions ensure reduced wiring work and efficient processes. The compact design means you save space and money, whilst increasing productivity on a sustainable basis.

B

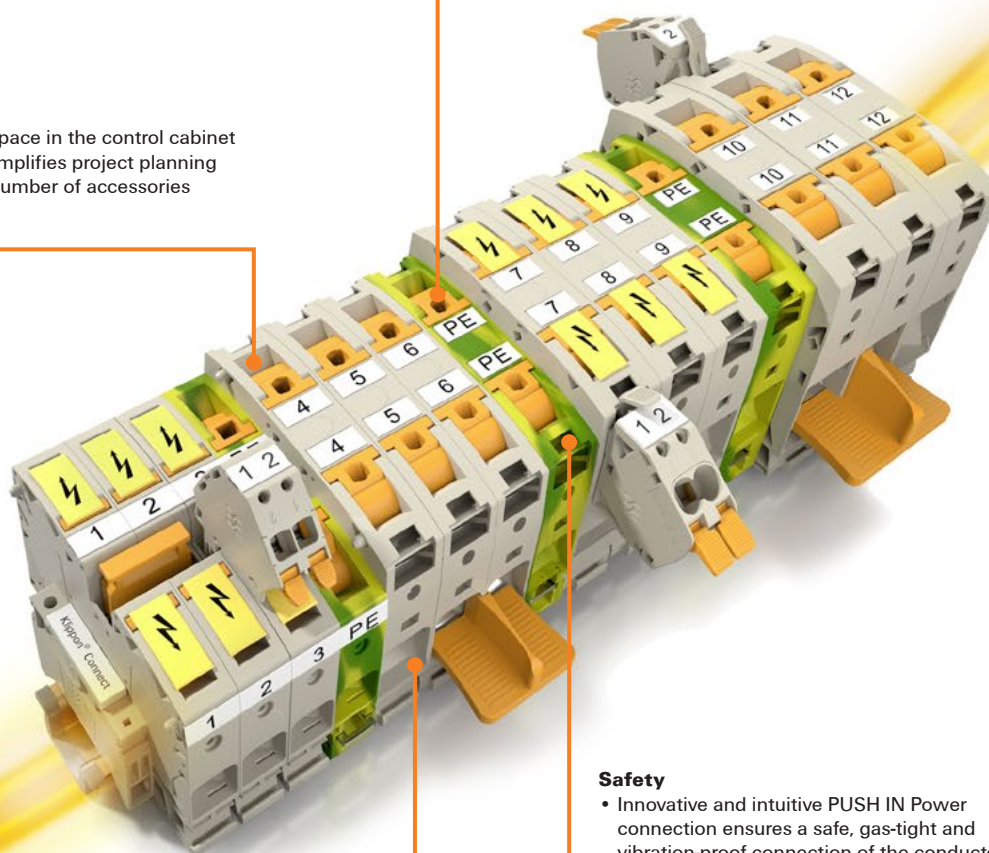


Space saving

- Small sizes save space in the control cabinet
- Uniform design simplifies project planning and reduces the number of accessories required

Flexibility

- Pre-assembled feed-in blocks for each network system
- Uniform accessories for multiple cross-sections

**Time saving**

- Reduced wiring effort, as the terminal blocks are always delivered with open connection points
- Innovative and intuitive PUSH IN Power connection

Safety

- Innovative and intuitive PUSH IN Power connection ensures a safe, gas-tight and vibration-proof connection of the conductor
- Marking of external voltage with additional markers

Our range**Wide range – safe connections:**

In confined spaces, our compact terminal blocks with proven clamping yoke technology increase convenience and enable perfect connections. The strong force of the clamping yoke spring ensures vibration-resistant contacting and compensates for the relaxation in the connected conductor.

**Cost-effective and robust:**

Under harsh environmental conditions with high levels of vibration and shock, such as in traffic engineering, our terminal blocks using stud technology offer excellent safety. With robust workmanship and flexible accessories, our stud terminals meet the requirements for safe, reliable power transfer.



Reliable and efficient power supply

Klippon® Connect A2C 35 high-current terminal blocks

The industrial environment requires more and more flexible and efficient wiring of power consumers, without compromising a consistently high level of process reliability.

Our new A2C 35 high-current terminal blocks meet these requirements. The PUSH IN-Power connection and many other features enable safe and efficient wiring. They are available in a wide range of variants, including for the DIN rail, for direct mounting on mounting plates, and pre-assembled blocks for different network systems.



Find out more:

Discover all the details in the video. The new high-current terminal blocks A2C 35 with PUSH IN-Power connection:
www.weidmueller.com/pushin-power

More on the benefits Klippon® Connect provides in planning, installation and operation:
www.klippon-connect.com

Pre-assembled blocks

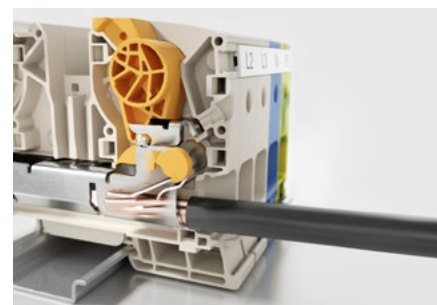
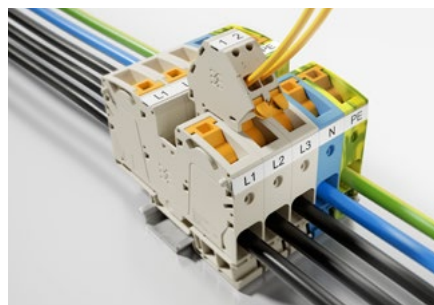
Pre-assembled feed-in blocks for each network system reduce the number of variants and storage costs. This supports installation on the standard DIN rail or direct fixation on the mounting plate using an integrated foot bracket.

Additional connection for emergency power supply

The additional connection enables a separate voltage tap. One possible use is as an emergency power supply upstream of the main switch. The lever mechanism enable toolless wiring of flexible conductors.

Innovative PUSH IN-Power connection

With the innovative PUSH IN-Power connection several compression springs provide a safe, gas-tight and vibration-proof Connection of the conductor. The mechanism provides high clamping forces with low operation forces for optimal operation. A uniformly scaled system, which can be found in the cross-sections of 35 mm² to 185 mm² ensures maximum contact forces.





Efficient potential distribution

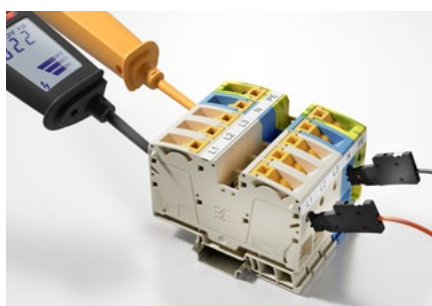
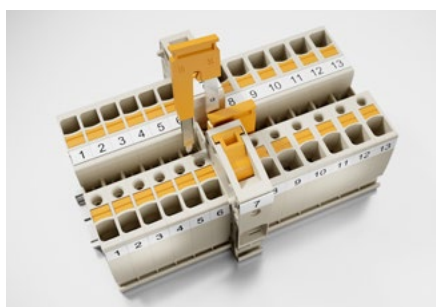
Step-down bridges allow potential distribution to cross-sections of 10 mm² and 16 mm². Additional power distributions implement quickly into the panel while avoiding additional wiring.

Standardised testing options

A standard 2.0 mm diameter test tap allows easy and fast testing. Standardised accessories guarantee use in the cross-section ranges from 1.5 mm² to 185 mm² and ensure a streamline portfolio of accessories.

Identification of external voltage

Large-area marker tags direct attention to an external voltage applied. The attachment of the flash markers in the connection ranges from 35 mm² to 185 mm² additionally prevent wiring in live condition. This ensures greater safety for man and machine.



**Power feed-in
PUSH IN connection**

Application range

Terminal blocks for rail mounting



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	yellow/black
Note	

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

For detailed information on other accessories and application in the online catalogue

A2C 35

35 mm²



16 x 101.5 x 71.5
125 / 35
2.5...35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm ²
8 kV / 3 / V-0			
TUEV16ATEX7909U			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			
Note			

Type	Qty.	Order No.
A2C 35	10	2551510000
A2C 35 BL	10	2552090000
Note		

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	41 A 5	2583090000
AAC 35 2X6 BL	41 A 5	2583170000
AAC 35 2X6 BK-YL	41 A 5	2583190000
AAC 35 2X6 GN-YL	41 A 5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000
Note		

For detailed information on other accessories and application in the online catalogue

A2C 35 FE

35 mm²



16 x 101.5 x 71.5
125 / 35
2.5...35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000		880
125			105
35	AWG 12...2	AWG 12...2	35 mm ²
8 kV / 3 / V-0			
TUEV16ATEX7909U			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			
Note			

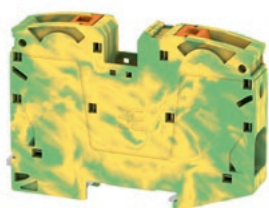
Type	Qty.	Order No.
A2C 35 FE	10	2551530000
Note		

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000
Note		

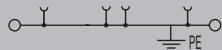
For detailed information on other accessories and application in the online catalogue

A2C 35 PE

35 mm²



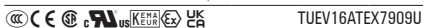
16 x 101 x 71.5
/ 35
2.5...35



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000		
35	AWG 12...2	AWG 12...2	35 mm ²

/ 3
/ V-0
TUEV16ATEX7909U



Rated connection

2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 PE	10	2551520000

Type	Qty.	Order No.	
AAC 35 2X6 GN-YL	41 A	5	2583180000
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	

A2C 35 DM

35 mm²



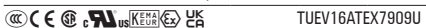
16 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm ²

8 kV / 3
/ V-0
TUEV16ATEX7909U



Rated connection

2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 DM	10	2551550000
A2C 35 BL DM	10	2552150000

Type	Qty.	Order No.	
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AAC 35 2X6	41 A	5	2583090000
AAC 35 2X6 BL	41 A	5	2583170000
AAC 35 2X6 BK-YL	41 A	5	2583190000
AAC 35 2X6 GN-YL	41 A	5	2583180000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	

A2C 35 FE DM

35 mm²



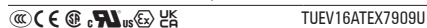
16 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000		880
125			105
35	AWG 12...2	AWG 12...2	35 mm ²

8 kV / 3
/ V-0
TUEV16ATEX7909U



Rated connection

2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 FE DM	10	2552160000

Type	Qty.	Order No.	
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	

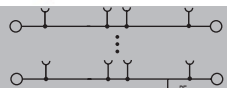


A2C 35 3FT-PE

35 mm²



80 x 101.5 x 71.5
125 / 35
2.5...35



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm ²
8 kV / 3 / V-0			

TUEV16ATEX7909U

Rated connection

2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 3FT-PE	1	2552120000
A2C 35 3FT-NPE	1	2551540000

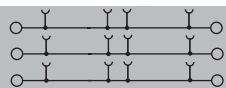
Type	Qty.	Order No.
ZQV 35N/2	125 A	10 2634950000
ZQV 35N-10	57 A	10 2562670000
ZQV 35N-16	76 A	10 2562660000
AAC 35 2X6	41 A	5 2583090000
AAC 35 2X6 BL	41 A	5 2583170000
AAC 35 2X6 BK-YL	41 A	5 2583190000
AAC 35 2X6 GN-YL	41 A	5 2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A	50 1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 35 3FT DM

35 mm²



48 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm ²
8 kV / 3 / V-0			

TUEV16ATEX7909U

Rated connection

2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 3FT DM	1	2552170000
A2C 35 3FT-N DM	1	2552190000

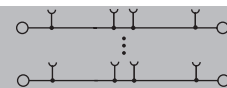
Type	Qty.	Order No.
ZQV 35N/2	125 A	10 2634950000
ZQV 35N-10	57 A	10 2562670000
ZQV 35N-16	76 A	10 2562660000
AAC 35 2X6	41 A	5 2583090000
AAC 35 2X6 BL	41 A	5 2583170000
AAC 35 2X6 BK-YL	41 A	5 2583190000
AAC 35 2X6 GN-YL	41 A	5 2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A	50 1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 35 3FT-FE DM

35 mm²



64 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm ²
8 kV / 3 / V-0			

TUEV16ATEX7909U

Rated connection

2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 3FT-FE DM	1	2552180000
A2C 35 3FT-NFE DM	1	2552200000

Type	Qty.	Order No.
ZQV 35N/2	125 A	10 2634950000
ZQV 35N-10	57 A	10 2562670000
ZQV 35N-16	76 A	10 2562660000
AAC 35 2X6	41 A	5 2583090000
AAC 35 2X6 BL	41 A	5 2583170000
AAC 35 2X6 BK-YL	41 A	5 2583190000
AAC 35 2X6 GN-YL	41 A	5 2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A	50 1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

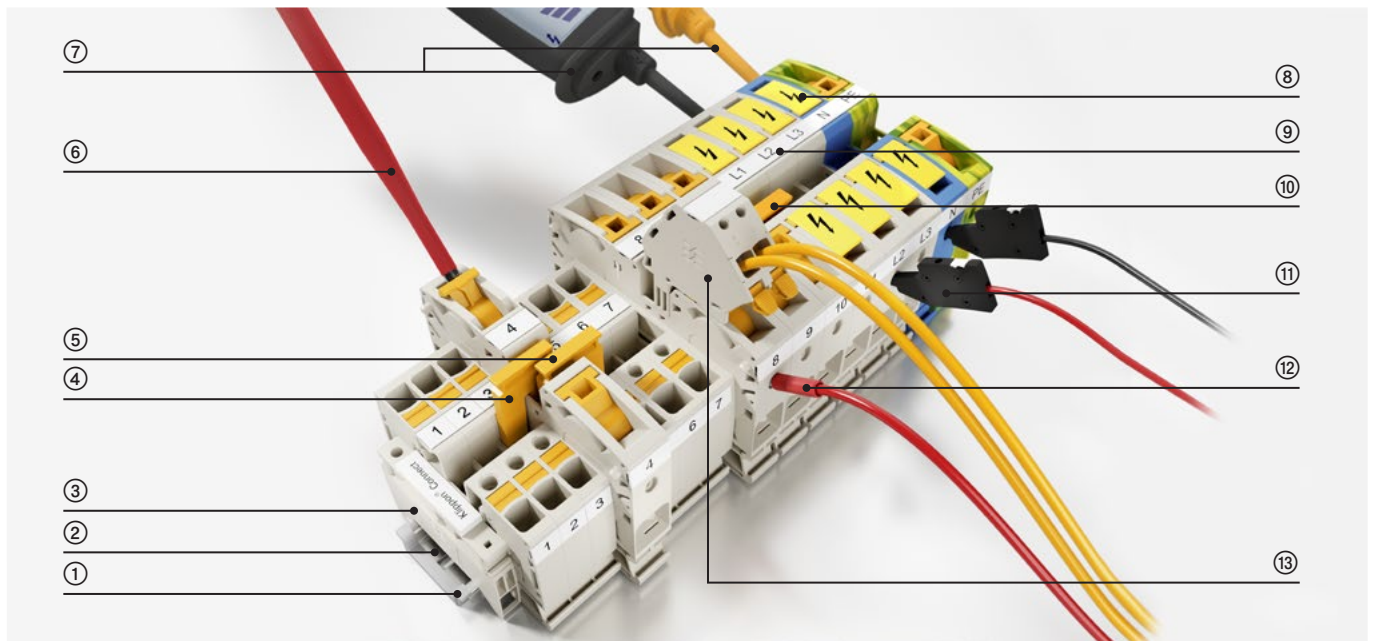


Mounting in compliance with norms

Thanks to precisely matched accessories

When assembling terminal blocks and equipping panels you must be able to rely on the fact, that the accessories are also perfectly matched. Only then can the processes run smoothly and productively. Correspondingly there are high requirements for mounting rails, cross-connections and cover plates as well as additional connections. They must comply with numerous norms and protective provisions.

The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms.



Number	Description	Type	Rated voltage	Rated current	Dimensions	Colour	Qty.	Order No.
1	End plate terminal rail	TS END CAP 35X7.5			35 x 7.5 x 4 mm	grey	100	1283470000
2	Terminal rail	TS 35X7.5/LL 2M/ST/ZN			35 x 7.5 x 2000 mm	silver	2	0514500000
3	End bracket	AEB 35 SC/1			8 x 58 x 36 mm	dark beige	50	1991920000
4	Step-down bridges	ZQV 35N-10	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	2562670000
5	Step-down bridges	ZQV 35N-16	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	2562660000
6	Screwdriver	SDS 1.0X5.5X150			1.0 x 5.5 x 150 mm	black/orange	1	2749380000
7	Voltage tester	VT DIGI PRO	1000 V AC / 1000 V DC		264 x 33 x 67 mm	black/orange	1	9918870000
8	Warning cover	AAM 35-185 YE FLASH			55 x 55 x 55 mm	yellow	40	2635600000
9	Terminal marker	WS-A 8/16 MM WS			8 x 16 mm	white	200	2619910000
10	Cross-connector	ZQV 35N/2	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	2634950000
11	Test adapter	ATPG 1.5-10 L	250 V AC / 250 V DC	0.2 A	55 x 55 x 55 mm	black	50	1991890000
12	Test probes	PS 2.0 MC	250 V AC / 250 V DC	0.2 A	55 x 55 x 55 mm	red	20	0310000000
13	Additional voltage tap	AAC 35 2X6	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	dark beige	10	2583090000
13	Additional voltage tap	AAC 35 2X6 BL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	blue	10	2583170000
13	Additional voltage tap	AAC 35 2X6 BK-YL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	black/yellow	10	2583190000
13	Additional voltage tap	AAC 35 2X6 GN-YL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	green/yellow	10	2583180000



Reliable and efficient power subbly

Klippon® Connect high current terminal blocks for optimal energy supply

The industrial environment requires more and more flexible and efficient wiring of power consumers, without compromising a consistently high level of process reliability.

Our new high-current terminal blocks meet these requirements. The PUSH IN-Power connection and many other features enable safe and efficient wiring. They are available in a wide range of variants, including for the DIN rail, for direct mounting on mounting plates, and pre-assembled blocks for different network systems.

B



Innovative PUSH IN-Power connection

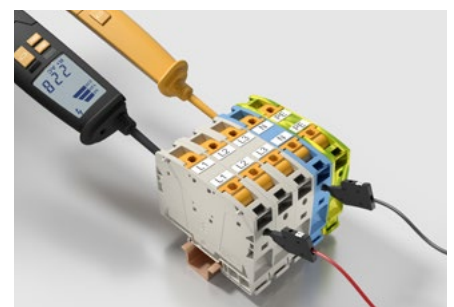
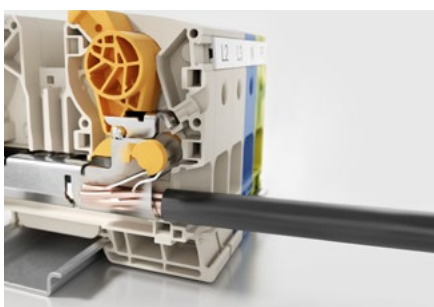
With the innovative PUSH IN-Power connection several compression springs provide a safe, gas-tight and vibration-proof Connection of the conductor. The mechanism provides high clamping forces with low operation forces for optimal operation. A uniformly scaled system, which can be found in the cross-sections of 35 mm² to 185 mm² ensures maximum contact forces.

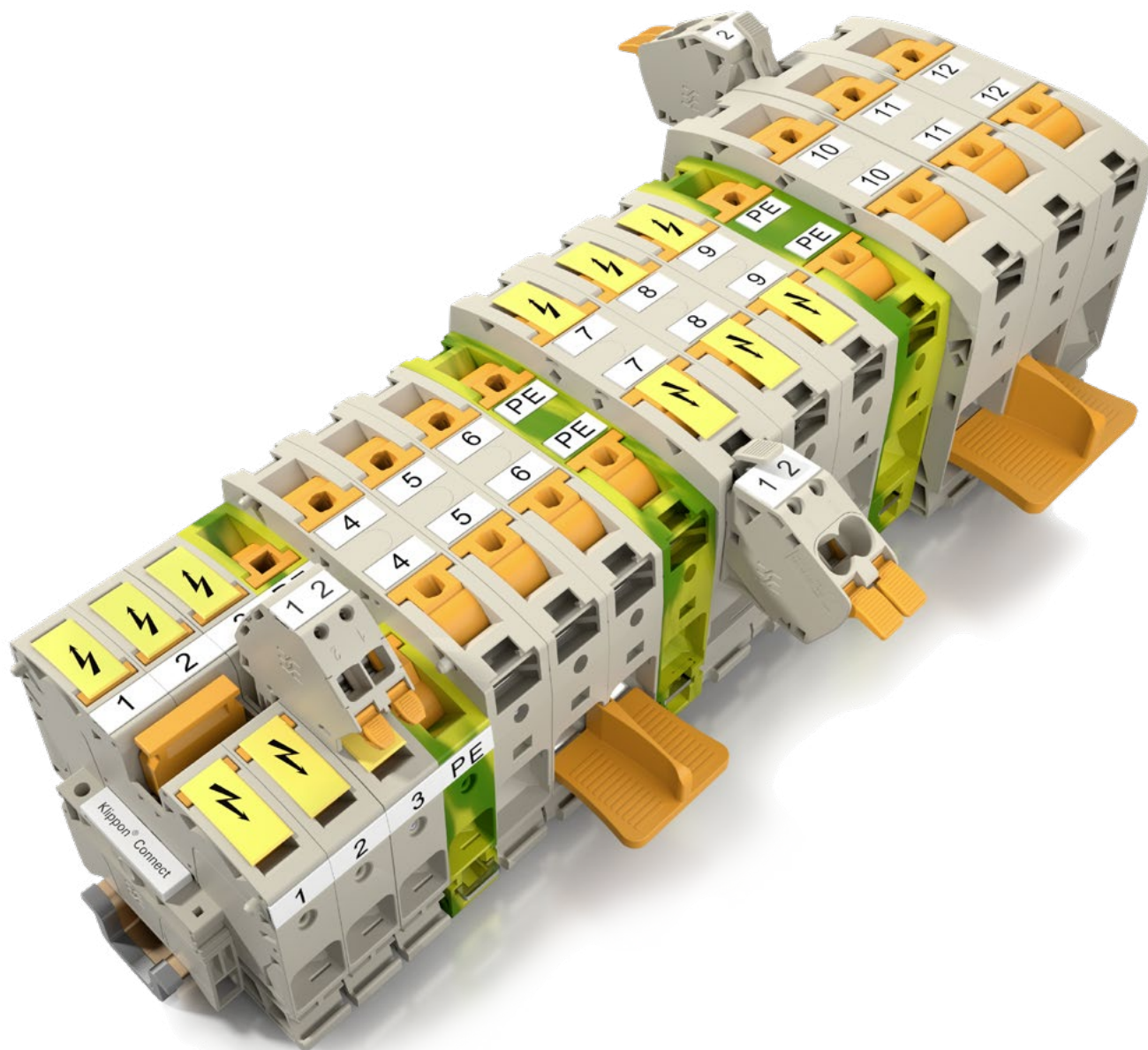
Pre-assembled blocks

Pre-assembled feed-in blocks for each network system reduce the number of variants and storage costs. This supports installation on the standard DIN rail or direct fixation on the mounting plate using an integrated foot bracket.

Standardised testing options

A standard 2.0 mm diameter test tap allows easy and fast testing. Standardized accessories guarantee use in the cross-section ranges from 1.5 mm² to 185 mm² and ensure a streamline portfolio of accessories.





Identification of external voltage

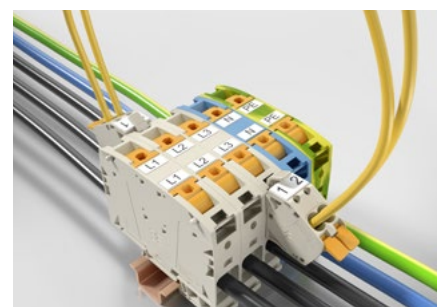
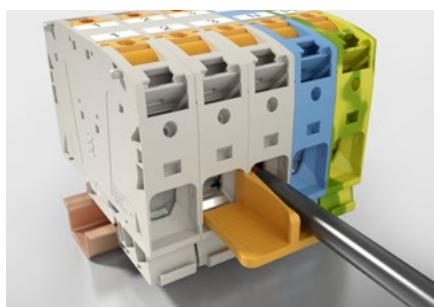
Large-area marker tags direct attention to an external voltage applied. Fixation of the flash markers in the connection areas of 35 mm² to 185 mm² also prevents circuitry in the live state. This ensures greater safety for man and machine.

Efficient potential distribution

The cross connections could be installed tool less by latching the wire inside the connection point. The electrical contact will be given with or without a cable inside the connection point. Thanks to their special design, they could be easily identified with or without any conductor connection.

Additional connection for emergency power supply

The additional connection for the cross section from 50 mm² up to 185 mm² enables a separate voltage tap. One possible use is as an emergency power supply upstream of the main switch. The lever mechanism enable tool less wiring of flexible conductors.



**Power feed-in
PUSH IN connection**

Terminal blocks for rail mounting



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	yellow/black
Note	

Accessories

Cross connections insertable	
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

For detailed information on other accessories and application in the online catalogue

A2C 50/70

50 mm²



20 x 101.5 x 80.5
150 / 70
10...70

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm ²

8 kV / 3 / V-0

CE, UL, CSA, EN, TÜV, VDE, IEC, UK, TÜV16ATEX7909U

Rated connection	
10...16 / 10...70	
10...70 / 10...50	
30 / 1.0 x 5.5 mm	

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70	5	2663250000
A2C 50/70 BL	5	2663260000

Type	Qty.	Order No.
ZQV 50/70N/2	150 A 10	2663400000
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 50/70 FE

50 mm²



20 x 101.5 x 80.5
150 / 70
10...70

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm ²

8 kV / 3 / V-0

CE, UL, CSA, EN, TÜV, VDE, IEC, UK, TÜV16ATEX7909U

Rated connection	
10...16 / 10...70	
10...70 / 10...50	
30 / 1.0 x 5.5 mm	

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 FE	5	2663270000

Type	Qty.	Order No.
ZQV 50/70N/2	150 A 10	2663400000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 50/70 PE

50 mm²



20 x 101.5 x 80.5
/ 70
10...70



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
/ 1500	1000	1000	
50	AWG 8...0	AWG 8...NaN	70 mm ²
/ 3			
/ V-0			

TUEV16ATEX7909U

Rated connection

10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 PE	5	2663280000

For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

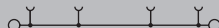
Type	Qty.	Order No.	
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	

A2C 50/70-DM

50 mm²



20 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm ²
8 kV / 3			
/ V-0			

TUEV16ATEX7909U

Rated connection

10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

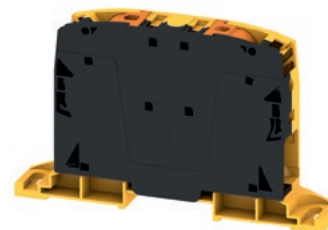
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70-DM	5	2663330000
A2C 50/70 BL-DM	5	2663340000

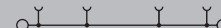
Type	Qty.	Order No.	
ZQV 50/70N/2	150 A	10	2663400000
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	

A2C 50/70 FE-DM

50 mm²



20 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	1100
150			128
50	AWG 8...0	AWG 8...NaN	70 mm ²
8 kV / 3			
/ V-0			

TUEV16ATEX7909U

Rated connection

10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 FE-DM	5	2663350000

Type	Qty.	Order No.	
ZQV 50/70N/2	150 A	10	2663400000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	



**Power feed-in
PUSH IN connection**

Terminal blocks for rail mounting



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	yellow/black
Note	

Accessories

Cross connections insertable	
	2-pole
	3-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

For detailed information on other accessories and application in the online catalogue

A2C 95/120

95 mm²



25 x 101.5 x 90
232 / 120
25...120

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600	600	1100
232	255	255	211
95	AWG 4...250	AWG 4...250	120 mm ²

8 kV / 3
/ V-0

CE, UL, CSA, EN, TÜV, KEUR, UK, PA, TUEV16ATEX7909U

Rated connection	
25...120 / 25...120	
25...120 / 25...95	
40 / 1.0 x 5.5 mm	

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120	5	2694060000
A2C 95/120 BL	5	2694070000

Type	Qty.	Order No.
ZQV 95/120N/2	192 A 10	2694250000
ZQV 95/120N/3	192 A 10	2694260000
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 95/120 FE

95 mm²



25 x 101.5 x 90
232 / 120
25...120

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500			1100
232			211
95	AWG 4...0	AWG 4...0	120 mm ²

8 kV / 3
/ V-0

CE, UL, CSA, EN, TÜV, KEUR, UK, PA, TUEV16ATEX7909U

Rated connection	
25...120 / 25...120	
25...120 / 25...95	
40 / 1.0 x 5.5 mm	

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120 FE	5	2694080000

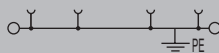
Type	Qty.	Order No.
ZQV 95/120N/2	192 A 10	2694250000
ZQV 95/120N/3	192 A 10	2694260000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 95/120 PE

95 mm²



25 x 101.5 x 90
/ 120
25...120



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500			
95	AWG 4...0	AWG 4...0	120 mm ²

/ 3
/ V-0

TUEV16ATEX7909U

Rated connection

25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120 PE	5	2694090000

For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

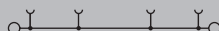
Type	Qty.	Order No.	
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	

A2C 95/120-DM

95 mm²



25 x 133.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600	600	1100
232	255	255	211
95	AWG 4...250	AWG 4...250	120 mm ²

8 kV / 3
/ V-0

TUEV16ATEX7909U

Rated connection

25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

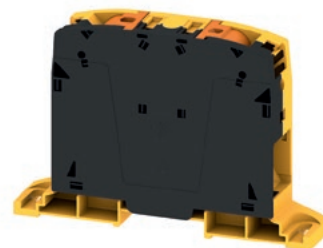
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120-DM	5	2694150000
A2C 95/120 BL-DM	5	2694160000

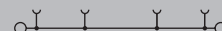
Type	Qty.	Order No.	
ZQV 95/120N/2	192 A	10	2694250000
ZQV 95/120N/3	192 A	10	2694260000
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	

A2C 95/120 FE-DM

95 mm²



25 x 133.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500			1100
232			211
95	AWG 4...0	AWG 4...0	120 mm ²

8 kV / 3
/ V-0

TUEV16ATEX7909U

Rated connection

25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120 FE-DM	5	2694170000

Type	Qty.	Order No.	
ZQV 95/120N/2	192 A	10	2694250000
ZQV 95/120N/3	192 A	10	2694260000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	



**Power feed-in
PUSH IN connection**

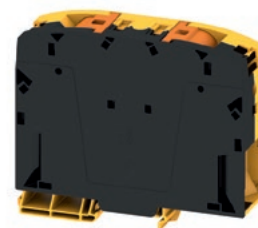
Terminal blocks for rail mounting

A2C 150/185

150 mm²

A2C 150/185 FE

150 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

31 x 118 x 98	
309 / 185	
50...185	

31 x 118 x 98	
309 / 185	
50...185	

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm ²
8 kV / 3			
B13 / V-0			
TUEV16ATEX7909U			
Rated connection			
50...150 / 50...185			
50...185 / 50...150			
40 / 1.0 x 5.5 mm			
Note			
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm ²
8 kV / 3			
B13 / V-0			
Rated connection			
50...150 / 50...185			
50...185 / 50...150			
40 / 1.0 x 5.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	yellow/black
Note	

Type	Qty.	Order No.
A2C 150/185	5	2728700000
A2C 150/185 BL	5	2728710000
Note		

Type	Qty.	Order No.
A2C 150/185 FE	5	2728720000
Note		

Accessories

Cross connections insertable	
	2-pole
	3-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

Type	Qty.	Order No.
ZQV 150/185N/2	232 A	5 2728840000
ZQV 150/185N/3	232 A	5 2728850000
AAC 50-185 2X10	57 A	5 2663420000
AAC 50-185 2X10 BL	57 A	5 2663430000
AAC 50-185 2X10 BK-YL	57 A	5 2663450000
AAC 50-185 2X10 GN-YL	57 A	5 2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A	50 1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

Type	Qty.	Order No.
ZQV 150/185N/2	232 A	5 2728840000
ZQV 150/185N/3	232 A	5 2728850000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A	50 1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

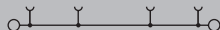
For detailed information on other accessories and application in the online catalogue

A2C 150/185-DM

150 mm²



31 x 151 x 98
309 / 185
50...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm ²

8 kV / 3

B13 / V-0



TUEV16ATEX7909U

Rated connection

50...150 / 50...185

50...185 / 50...150

40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 150/185-DM	5	2728770000
A2C 150/185 BL-DM	5	2728780000

Type	Qty.	Order No.
ZQV 150/185N/2	232 A	5 2728840000
ZQV 150/185N/3	232 A	5 2728850000

AAC 50-185 2X10	57 A	5 2663420000
AAC 50-185 2X10 BL	57 A	5 2663430000
AAC 50-185 2X10 BK-YL	57 A	5 2663450000
AAC 50-185 2X10 GN-YL	57 A	5 2663440000

ATPG 1.5-10 L	0.2 A	50 1991890000
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PS 2.0 MC	20	0310000000
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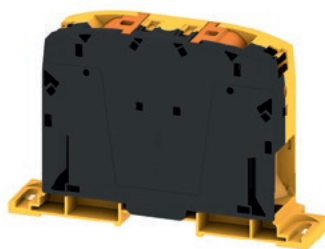
SDS 1.0X5.5X150	1	2749380000
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AAM 35-185 YE FLASH	40	2635600000
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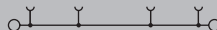
WS-A 8/16 MM WS	200	2619910000
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A2C 150/185 FE-DM

150 mm²



31 x 151 x 98
309 / 185
50...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm ²

8 kV / 3

B13 / V-0



TUEV16ATEX7909U

Rated connection

50...150 / 50...185

50...185 / 50...150

40 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 150/185 FE-DM	5	2728790000

Type	Qty.	Order No.
ZQV 150/185N/2	232 A	5 2728840000
ZQV 150/185N/3	232 A	5 2728850000

AAC 50-185 2X10	57 A	5 2663420000
AAC 50-185 2X10 BL	57 A	5 2663430000
AAC 50-185 2X10 BK-YL	57 A	5 2663450000
AAC 50-185 2X10 GN-YL	57 A	5 2663440000

WEW 35/1	50	1059000000
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ATPG 1.5-10 L	0.2 A	50 1991890000
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PS 2.0 MC	20	0310000000
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SDS 1.0X5.5X150	1	2749380000
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AAM 35-185 YE FLASH	40	2635600000
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WS-A 8/16 MM WS	200	2619910000
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**Power feed-in
PUSH IN connection**

Terminal blocks for rail mounting



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
Clamping range 50 mm ² / 70 mm ²	
	dark beige
	dark beige, blue
	dark beige, black/yellow
	dark beige, blue, black/yellow
Clamping range 95 mm ² / 120 mm ²	
	dark beige
	dark beige, blue
	dark beige, black/yellow
	dark beige, blue, black/yellow
Note	

Accessories

Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
Screwdriver	
	Standard
Warning labels	
Marking tags	

For detailed information on other accessories and application in the online catalogue

A2C ... 3FT

50 mm²



60 x 101.5 x 80.5	
150 / 70	
10...70	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
8 kV / 3			
/ V-0			



Rated connection

10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

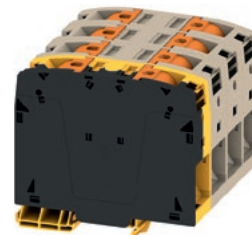
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 3FT	1	2663320000
A2C 50/70 3FT-N	1	2663300000
A2C 95/120 3FT	1	2694140000
A2C 95/120 3FT-N	1	2694120000
You will find the technical data on the individual products.		

Type	Qty.	Order No.
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
AEB 35 SC/1	50	1991920000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C ... 3FT-FE

50 mm²



80 x 101.5 x 80.5	
150 / 70	
10...70	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
8 kV / 3			
/ V-0			



Rated connection

10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 3FT-FE	1	2663310000
A2C 50/70 3FT-N-FE	1	2663290000
A2C 95/120 3FT-FE	1	2694130000
A2C 95/120 3FT-N-FE	1	2694100000
You will find the technical data on the individual products.		

Type	Qty.	Order No.
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
AEB 35 SC/1	50	1991920000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

For detailed information on other accessories and application in the online catalogue

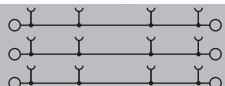


A2C ... 3FT DM

50 mm²



60 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
8 kV / 3 / V-0			



Rated connection

10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

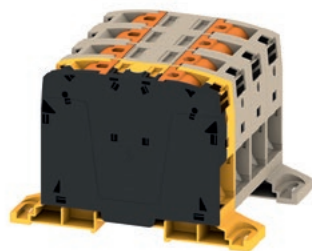
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 3FT-DM	1	2663390000
A2C 50/70 3FT-N-DM	1	2663370000
A2C 95/120 3FT-DM	1	2694230000
A2C 95/120 3FT-N-DM	1	2694200000
You will find the technical data on the individual products.		

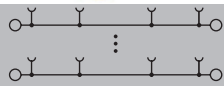
Type	Qty.	Order No.
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C ... 3FT-FE DM

50 mm²



80 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
8 kV / 3 / V-0			



Rated connection

10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 3FT-FE-DM	1	2663380000
A2C 50/70 3FT-N-FE-DM	1	2663360000
A2C 95/120 3FT-FE-DM	1	2694220000
A2C 95/120 3FT-N-FE-DM	1	2694180000
You will find the technical data on the individual products.		

Type	Qty.	Order No.
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

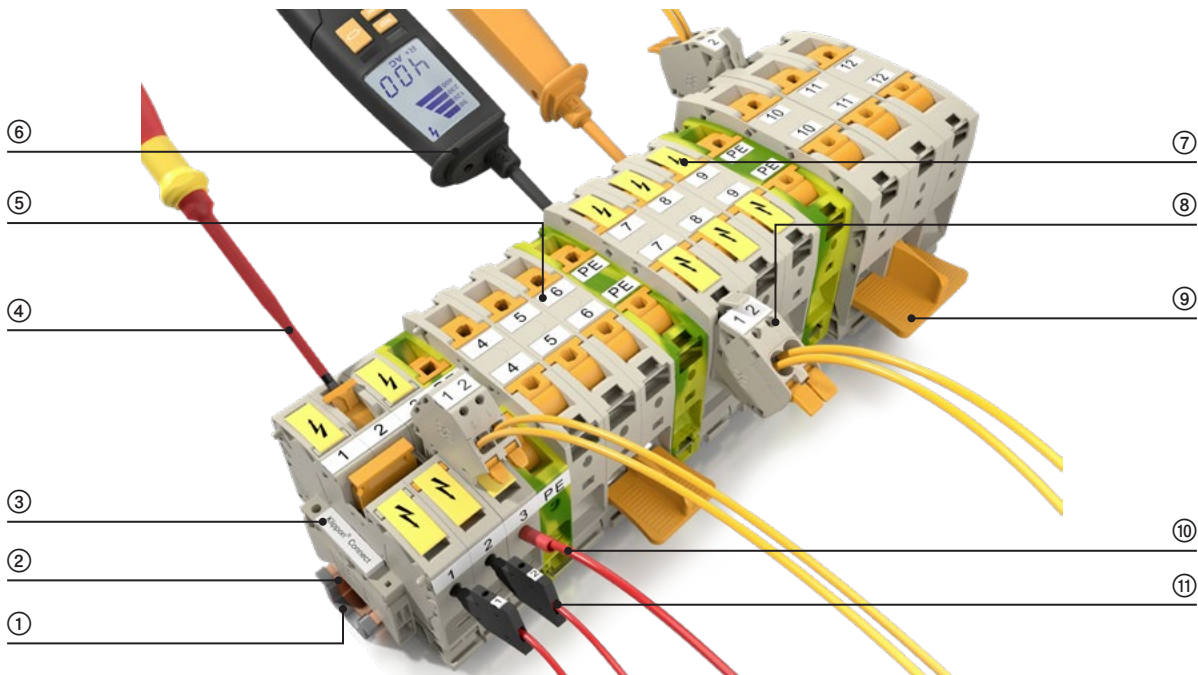


Mounting in compliance with norms

Thanks to precisely matched accessories for the A2C 50/70 to A2C 150/185

When assembling terminal blocks and equipping panels you must be able to rely on the fact, that the accessories are also perfectly matched. Only then can the processes run smoothly and productively. Correspondingly there are high requirements for mounting rails, cross-connections and cover plates as well as additional connections. They must comply with numerous norms and protective provisions.

The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms.



Number	Description	Type	Rated voltage	Rated Current	Dimensions	Colour	Qty.	Order No.
1	End cap mounting rail	TS END CAP 35X15			37.5 x 16.5 x 7 mm	grey	100	1283480000
2	Mounting rail	TS 35X15/2.3M/CU/BK			35 x 15 x 2000 mm		2	0270100000
3	End brackets	AEB 35 SC/1			8 x 58 x 36 mm	dark beige	50	1991920000
4	Screwdriver	SDS 1.0X5.5X150			1.0 x 5.5 x 150 mm	black/orange	1	2749380000
5	Terminal block marker	WS-A 8/16 MM WS			8 x 16 mm	white	200	2619910000
6	Voltage tester	VT DIGI PRO	1000 V AC / 1000 V DC		264 x 33 x 67 mm	black/orange	1	9918870000
7	Flash cover	AAM 35-185 YE FLASH			12 x 23.5 x 6.8 mm	yellow	40	2635600000
8	Additional voltage tap	AAC 50-185 2X10	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	dark beige	5	2663420000
8	Additional voltage tap	AAC 50-185 2X10 BK-YL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	black/yellow	5	2663450000
8	Additional voltage tap	AAC 50-185 2X10 GN-YL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	green/yellow	5	2663440000
9	Cross connection	ZQV 150/185N/2	1000 V AC / 1500 V DC	232 A	88.32 x 82.26 x 25.6 mm	orange	5	2728840000
9	Cross connection	ZQV 150/185N/3	1000 V AC / 1500 V DC	232 A	57.32 x 82.26 x 25.6 mm	orange	5	2728850000
9	Cross connection	ZQV 95/120N/2	1000 V AC / 1500 V DC	232 A	48.07 x 76.91 x 22.5 mm	orange	10	2694250000
9	Cross connection	ZQV 95/120N/3	1000 V AC / 1500 V DC	232 A	73.07 x 76.91 x 22.5 mm	orange	10	2694260000
9	Cross connection	ZQV 50/70N/2	1000 V AC / 1500 V DC	150 A	38.13 x 68.18 x 17.1 mm	orange	10	2663400000
10	Test probe	PS 2.0 MC	250 V AC / 250 V DC	0.2 A	4.3 x 4.3 x 27 mm	red	20	0310000000
11	Test probe	ATPG 1.5-10 L	250 V AC / 250 V DC	0.2 A	3.5 x 15.5 x 52 mm	black	50	1991890000



Power feed-in
Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	dark beige Blue without peg / dark beige
Note	

Accessories

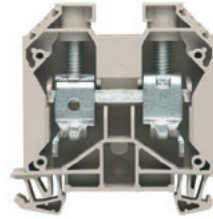
Screwable cross-connection	2-pole 10-pole 4-pole 3-pole
End plate / Partition plate	dark beige Blue
End bracket	dark beige, screwable dark beige
Cover	black/yellow white With lightning flash symbol Blank, white
Marking tags	
Additional connection	10 mm ² 4mm ²
Screwdriver	Standard

For detailed information on other accessories and application in the online catalogue

WDU 35

35 mm²

Clamping screw / spigot for good connection stability



16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1

Ex eb II
C Gb

II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	690
125	150	150	115
35	AWG 12...0	AWG 12...NaN	35 mm ²
8 kV / 3			
B8, B9 / V-0			

CCC, CE, KEMA, TÜV, NEMKO, DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 / (M 6)	
18 / 6.5 x 1.2 mm	
/ 16...16	
2.5...16 / 2.5...16	

Type	Qty.	Order No.
WDU 35	40	1020500000

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

WDU 35N

35 mm²

Suitable for power distribution
Compact design



16 x 66 x 50.5
150 / 50
2.5...50

IEC 60947-7-1

Ex eb II
C Gb

II 2 G D

IEC	UL	CSA	EN 60079-7
500	1000	300	352
125	150	120	110
35	AWG 12...0	AWG 12...2	35 mm ²
6 kV / 3			
B8, B9 / V-0			

CCC, CE, KEMA, TÜV, NEMKO, DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 / (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6 / 2.5...6	

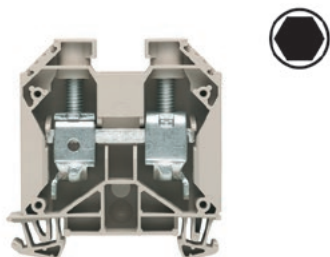
Type	Qty.	Order No.
WDU 35N	20	1040400000

Type	Qty.	Order No.
WQV 35N/2	125 A 20	1079200000
WQV 35N/4	125 A 20	1079400000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 16N GE BED	50	1083600000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

WDU 35 IR

35 mm²



16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000		690
125	150		115
35	AWG 12...0		35 mm ²

8 kV / 3
B8, B9 / V-0

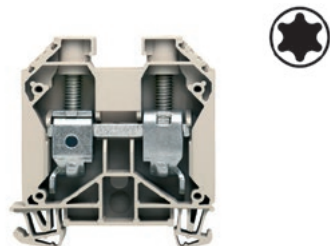
Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 / (M 6)	
18 / TX 20	

Type	Qty.	Order No.
WDU 35 IR	40	1393400000

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

WDU 35 IK

35 mm²



16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	150	150	115
35	AWG 12...NaN	AWG 12...NaN	35 mm ²

8 kV / 3
B8, B9 / V-0

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...6 / (M 6)	
18 / S4 (DIN 6911)	

/ 16...16
2.5...16 / 2.5...16

Type	Qty.	Order No.
WDU 35/IK	25	1020600000

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WDU 50N

50 mm²



18.5 x 70 x 69.6
192 / 70
10...70

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10...0	AWG 8...0	50 mm ²

8 kV / 3
B10 / V-0

Rated connection	Further connection
10...16 / 10...70	
10...50	
3.5...6 / (M 6)	
24 / S4 (DIN 6911)	

/ 6...16
6...16 / 6...16

Type	Qty.	Order No.
WDU 50N	10	1820840000
WDU 50N BL	10	1820850000

Type	Qty.	Order No.
WQV 50N/2	150 A 5	1834060000
WQV 50N/4	150 A 5	1834080000
WQV 50N/3	150 A 5	1834070000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WZAD 50N	41 A 5	1872720000
SKS 2,0-8,0 MR	1	9008870000



Power feed-in
Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

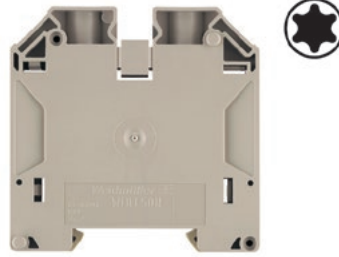
Version	
	dark beige
	Blue
	without peg / dark beige
Note	

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	4-pole
	3-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige
Cover	
	black/yellow
	white
	With lightning flash symbol
	Blank, white
Marking tags	
Additional connection	
	10 mm ²
	4mm ²
Screwdriver	
	Standard
For detailed information on other accessories and application in the online catalogue	

WDU 50N IR

50 mm²



18.5 x 70 x 69.6
192 / 70
10...70

IEC 60947-1			
	Ex eb II	C Gb	II 2 G D
IEC	UL	CSA	EN 60079-7
1000			690
192			126
50			50 mm ²
8 kV / 3			
B10 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
10...16 / 10...70			
10...50			
3...6 / (M 6)			
24 / TX 20			
/ 6...16			
6...16 / 6...16			

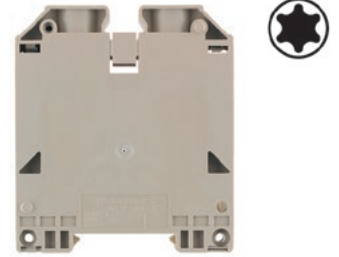
Type	Qty.	Order No.
WDU 50N IR	10	1186630000

Type	Qty.	Order No.	
WQV 50N/2	150 A	5	1834060000
WQV 50N/4	150 A	5	1834080000
WQV 50N/3	150 A	5	1834070000
WEW 35/1	50		1059000000
WAD 20 GE WSD	10		9512260000
DEK 5/5 MC NE WS	1000		1609801044
WS 12/6.5 MC NE WS	540		1609920000
WZAD 50N	41 A	5	1872720000
THS 9-40	1		9008880000

WDU 70N

70 mm²

Compact design



20.5 x 75 x 85
232 / 95
16...95

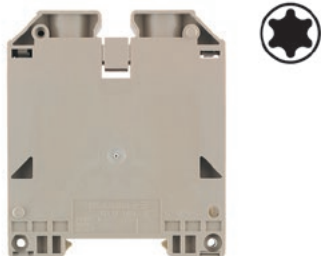
IEC 60947-1			
	Ex eb II	C Gb	II 2 G D
IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	150	150	184
70	AWG 6...0	AWG 6...0	70 mm ²
8 kV / 3			
B11 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
16...16 / 16...95			
16...70 / 16...50			
8...12 / (M 8)			
22 / S6 (DIN 6911)			
/ 10...25			
10...25 / 6...25			

Type	Qty.	Order No.
WDU 70N/35	10	9512190000
WDU 70N/35 BL	10	9512420000

Type	Qty.	Order No.	
WQV 70N/2	192 A	5	9512240000
WQV 70N/4	192 A	5	9531290000
WQV 70N/3	192 A	5	9512250000
WEW 35/1	50		1059000000
WAD 20 GE WSD	10		9512260000
DEK 5/5 MC NE WS	1000		1609801044
WS 12/6.5 MC NE WS	540		1609920000
WZAD 70N	41 A	5	1964830000
SKS 2,0-8,0 MR	1		9008870000

WDU 70N IR

70 mm²



20.5 x 75 x 85
232 / 95
16...95



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
192	150		
70	AWG 6...0		
8 kV / 3			
B11 / V-0			



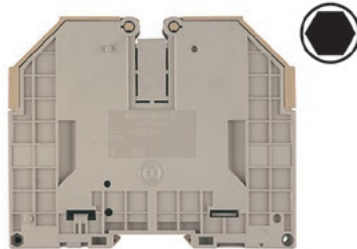
Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
22 / TX 40	

Type	Qty.	Order No.
WDU 70N/35 IR	10	1393420000

Type	Qty.	Order No.
WQV 70N/2	192 A 5	9512240000
WQV 70N/4	192 A 5	9531290000
WQV 70N/3	192 A 5	9512250000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
WZAD 70N	41 A 5	1964830000
TH-S 9-40	1	9008880000

WDU 70/95

95 mm²



27 x 132 x 107
232 / 120
13.3...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
232	175	205	218
95	AWG 6...0	AWG 6...0	95 mm ²
8 kV / 3			
B12 / V-0			



Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...50	
6...12 / (M 8)	
30 / S6 (DIN 6911)	

/ 16...35
16...35 / 16...35

Type	Qty.	Order No.
WDU 70/95	10	1024600000
WDU 70/95 BL	10	1024680000

Type	Qty.	Order No.
WQV 70/95/2	232 A 5	1063500000
WQV 70/95/3	232 A 5	1063600000
WEW 35/1	50	1059000000
WAD 27 B GE/SW	10	1062860000
WAD 27 NE WS	10	1062960000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WZAD 70/95	32 A 10	1066000000
SKS 2,0-8,0 MR	1	9008870000

WDU 95N/120N

120 mm²

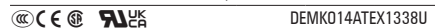


27 x 91 x 90
290 / 150
16...150



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	221
120	AWG 4...250	AWG 4...0	120 mm ²
8 kV / 3			
B13 / V-0			



Rated connection	Further connection
16...16 / 16...150	
16...120	
12...20 / (M 10)	
27 / S6 (DIN 6911)	

35...10 / 10...35
16...35 / 10...35

Type	Qty.	Order No.
WDU 95N/120N	5	1820550000
WDU 95N/120N BL	5	1820560000

Type	Qty.	Order No.
WQV 95N/120N/2	269 A 5	1826890000
WQV 95N/120N/4	269 A 5	1826910000
WQV 95N/120N/3	269 A 5	1826900000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WZAD 95N/120N	41 A 5	1859580000
SKS 2,0-8,0 MR	1	9008870000



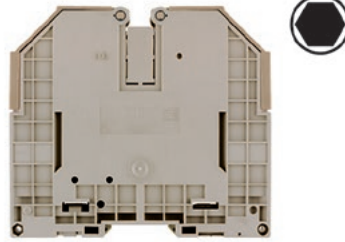
Power feed-in
Screw connection



WDU 120/150

120 mm²

Conductor can be inserted from above / leaf spring



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

32 x 132 x 117
309 / 150
33.63...150

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1				Ex eb II		II 2 G D
				C Gb		
IEC	UL	CSA	EN 60079-7			
1000	1000	600	1100			
269	225	285	265			
120	AWG 2...250	AWG 2...250	150 mm ²			
				8 kV / 3		
				B13 / V-0		
					DEMKO14ATEX1338U	
Rated connection		Further connection				
/ 35...150						
35...150 / 35...150						
10...20 / (M 10)						
35 / S6 (DIN 6911)						
/ 35...70						
35...70 / 35...70						

Ordering data

Version	
	dark beige
	Blue
	without peg / dark beige
Note	

Type	Qty.	Order No.
WDU 120/150	10	1024500000
WDU 120/150 BL	10	1024580000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	4-pole
	3-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige
Cover	
	black/yellow
	white
	With lightning flash symbol
	Blank, white
Marking tags	
Additional connection	
	10 mm ²
	4mm ²
Screwdriver	
	Standard
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
WQV 120/2	269 A 5	1063300000
WQV 120/3	292 A 5	1063400000
WEW 35/1	50	1059000000
WAD 27 B GE/SW	10	1062860000
WAD 27 NE WS	10	1062960000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WZAD 120	10	1066100000
SKS 2,0-8,0 MR	1	9008870000

WDU 240

240 mm²



36 x 100 x 123.7
415 / 240
70...240

IEC 60947-7-1				Ex e II		II 2 G D
				C Gb		
IEC	UL	CSA	EN 60079-7			
1000	600	600	1100			
415	380	400	350			
240		AWG 0...500	240 mm ²			
				8 kV / 3		
				B15 / V-0		
					KEMA01ATEX2186U	
Rated connection		Further connection				
/ 70...240						
70...240 / 70...185						
25...30 / (M 10)						
40 / S8 (DIN 6911)						
/ 35...95						
50...95 / 35...50						

Type	Qty.	Order No.
WDU 240	2	1802780000
WDU 240 BL	2	1822210000

Type	Qty.	Order No.
WQB 240/2	320 A 5	1802790000
WQB 240/3	320 A 5	1802800000
WEW 35/1	50	1059000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WZAD 240	57 A 5	1802810000
SKS 2,0-8,0 MR	1	9008870000

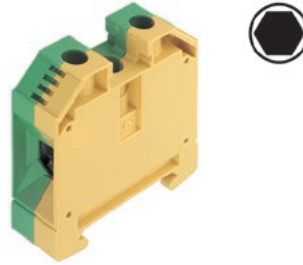


Power feed-in
Screw connection



WPE 35

35 mm²



WPE 35N

35 mm²

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

16 x 56 x 62.5	
/ 35	
2.5...35	

16 x 66 x 50.5	
/ 50	
2.5...50	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque for fixing screw	
Stripping length / Blade size	mm

IEC 60947-7-2			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm ²
800			
8			
4200 A (35 mm ²)			
3			
B8 / V-0			
Rated connection			
2.5...50 / 2.5...50			
2.5...35 / 2.5...35			
4...5 / (M 6)			
1.2...2.4 Nm			
18 / 6.5 x 1.2 mm			

IEC 60947-7-2			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
35	AWG 12...2		35 mm ²
400			
6			
4200 A (35 mm ²)			
3			
B8 / V-0			
Rated connection			
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
4...5 / (M 6)			
1.2...2.4 Nm			
18 / 6.5 x 1.2 mm			

Note

Note

Note

Ordering data

Version	Green/yellow green/yellow
Note	

Type	Qty.	Order No.
WPE 35	25	1010500000

Type	Qty.	Order No.
WPE 35N	20	1717740000

Accessories

PEN bridge	
End bracket	dark beige, screwable dark beige
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
WQB-PEN 35	135 A	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

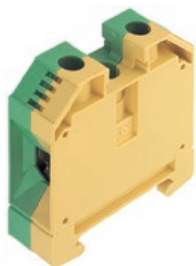
For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

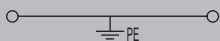
For detailed information on other accessories and application in the online catalogue

WPE 35/IKSC

35 mm²



16 x 56 x 62.5
/ 35
2.5...35



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	35 mm ²
800			
8			
4200 A (35 mm ²)			
3			
B8 / V-0			



Rated connection

2.5...16 / 2.5...35
2.5...35 / 2.5...35
5 / (M 6)
1.2...2.4 Nm
18 / S4 (DIN 6911)

WPE 50N

50 mm²



18.5 x 71 x 69.6
/ 70
5.26...70



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	50 mm ²
1000			
8			
6000 A (50 mm ²)			
3			
B10 / V-0			



Rated connection

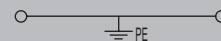
10...16 / 10...70
10...50
4...6 / (M 6)
3.0...4.0 Nm
24 / S4 (DIN 6911)

WPE 70N/35

70 mm²



20.5 x 75 x 85
/ 95
16...95



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
70	AWG 6...0	AWG 6...0	70 mm ²
1000			
8			
8400 A (70 mm ²)			
3			
B11 / V-0			



Rated connection

16...16 / 16...95
16...70 / 16...50
8...12 / (M 8)
2.0...4.0 Nm
22 / S6 (DIN 6911)

Type	Qty.	Order No.
WPE 35/IKSC	25	1012600000

Type	Qty.	Order No.
WPE 50N	10	1846040000

Type	Qty.	Order No.
WPE 70N/35	10	9512200000

Type	Qty.	Order No.
WQB-PEN 35	135 A 10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WQV PEN 50N	150 A 5	9201610000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WQV 70N-PEN	192 A 5	9525840000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000



Power feed-in
Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque for fixing screw	
Stripping length / Blade size	mm

Note

Ordering data

Version	
	Green/yellow green/yellow
Note	

Accessories

Accessories	
PEN bridge	
End bracket	dark beige, screwable dark beige
Screwdriver	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

WPE 95N/120N

95 mm²

Compact design



27 x 91 x 90	
/ 150	
16...150	

IEC 60947-2				Ex eb II	
				C Gb	
IEC	UL	CSA	EN 60079-7		
95	AWG 4...0	AWG 4...0	120 mm ²		
1000					
8					
11400 A (95 mm ²)					
3					
B13 / V-0					
Rated connection					
16...16 / 16...150					
16...120					
16...20 / (M 10)					
3.0...4.0 Nm					
27 / S6 (DIN 6911)					

Note

Type	Qty.	Order No.
WPE 95N/120N	5	1846030000

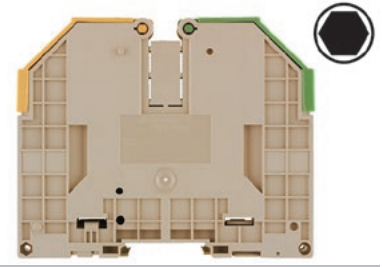
Type	Qty.	Order No.	
WQV PEN 95N/120N	269 A	5	9201630000
WEW 35/1	50	1059000000	
SKS 2,0-8,0 MR	1	9008870000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/6.5 MC NE WS	540	1609920000	

For detailed information on other accessories and application in the online catalogue

WPE 70/95

95 mm²

Conductor can be inserted from above / leaf spring



27 x 132 x 107	
/ 120	
13.3...120	

IEC 60947-2				Ex eb II	
				C Gb	
IEC	UL	CSA	EN 60079-7		
95	AWG 6...0	AWG 6...0	95 mm ²		
1000					
8					
11400 A (95 mm ²)					
3					
B12 / V-0					
Rated connection					
16...16 / 16...120					
16...95 / 35...50					
6...12 / (M 8)					
3.0...6.0 Nm					
30 / S6 (DIN 6911)					

Note

Type	Qty.	Order No.
WPE 70/95	10	1037300000

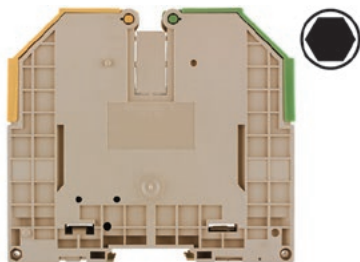
Type	Qty.	Order No.	
WQV 70/95-PEN	232 A	5	1072300000
WEW 35/1	50	1059000000	
SKS 2,0-8,0 MR	1	9008870000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/6.5 MC NE WS	540	1609920000	

For detailed information on other accessories and application in the online catalogue

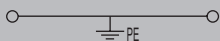
WPE 120/150

120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 117
/ 150
33.62...150



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	150 mm ²
1000			
8			
14400 A (120 mm ²)			
3			
B13 / V-0			



Rated connection

/ 35...150
35...150 / 35...50
10...20 / (M 10)
3.0...6.0 Nm
35 / S6 (DIN 6911)

Type	Qty.	Order No.
WPE 120/150	10	1019700000

Type	Qty.	Order No.	
WQV 120-PEN	292 A	5	1072400000
WEW 35/1	50	1059000000	
SKS 2,0-8,0 MR	1	9008870000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/6.5 MC NE WS	540	1609920000	



Reliable and efficient power supply Really convenient with Klippon® Connect

A growing number of industrial applications needs to fit a large amount of technology into a very dense space. Different connection types must thereby be interchangeable, because cost-saving aluminium often replaces copper.

Klippon® Connect power feed-in terminal blocks WPD allow for an easy and safe installation of aluminium and copper conductors on a small footprint. A power supply or monitoring connection can also be used as an option.

Customers can use the power feed-in terminal blocks WPD, regardless of the conductor material. They can be mounted either directly or on DIN rail TS35.



B



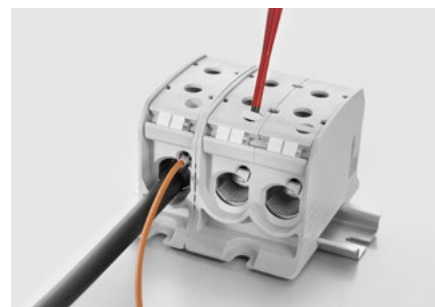
Compact and robust design

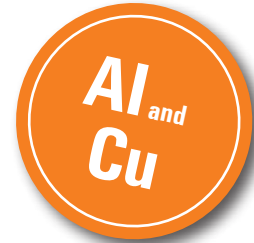
Klippon® Connect power feed-in terminal blocks WPD boast a wide range of features, including a compact and robust design.



Uninterrupted monitoring

Small power supply and monitoring connections can be installed without disconnecting any previously connected terminal blocks.





Easy and flexible mounting

The possibility of direct mounting and the compatibility with the 35-mm DIN rail in accordance with EN 60715 and EN 50022 allow fast processing and installation.



Socket wrench sets

Weidmüller offers fitting SK WSD-S Allen keys DIN ISO 2936 L (DIN 911) made from fully hardened high-alloy chromium-vanadium-steel with a high-quality refined surface for the blocks.



Professional connection of aluminum wires

Direct connection of aluminum wires in terminal blocks

Economic development and industrialization in most emerging countries are causing raw material prices on the world market to rise rapidly. The price ratio between copper and aluminum has risen to a factor of 1:4, which in turn makes aluminum an interesting wire material for many industries.

The ease of handling and the laying of aluminum conductors, which are up to 70 percent lighter, are causing customers to rethink their approach, especially when it comes to conductor cross-sections larger than 16 mm². When connecting such aluminum conductors in electrical connection technology, several general conditions must be met to ensure that the conductor is contacted safely and with long-term stability at the clamping point.



Further information on this topic:
Connection of aluminum conductors

B

Transition from aluminum to copper conductor

Weidmüller's WPD terminal blocks enable a simple, safe and cost-effective transition from aluminum conductors to copper conductors within the switchgear cabinet.

For example, a supply line for the switchgear can be made from aluminum conductors on one side of the WPD terminal block and further wiring on the opposite side of the terminal block with copper conductors. The pretreatment of the aluminum conductor and the required torques can be found in the respective product data sheets.



Professional processing and handling of aluminium conductors for direct connection

In order to ensure optimal connection of solid and sectional core aluminium conductors, the stripped end of the conductor must be cleaned of the oxide layer immediately by scraping, e.g. with a knife. Please note that no brushes, files or sandpaper may be used, as aluminium particles could be stuck and thus transferred to other conductors.

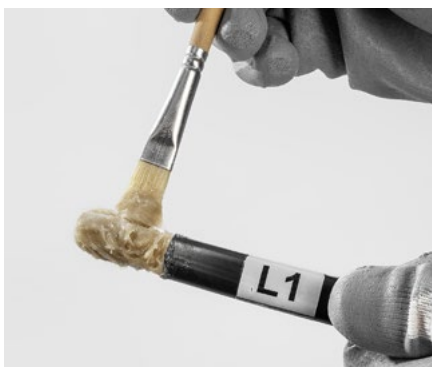
Immediately after removing the oxide layer, the end of the conductor has to be rubbed with neutral grease (for example with acid and alkali free vaseline) and connected in the terminal immediately. If the conductor has been disconnected and reconnected, the work steps have to be repeated.

Note: The current carrying capacity and respective torques for the connection of aluminum wires in the terminal blocks must always be observed. These can be found on the respective data sheet or in the online catalog.

1 Scrape the conductor evenly on all sides.



2 Cover the conductor all around with neutral grease.



3 Direct connection in our WPD blocks with specified torque.



Power feed-in Screw connection

W-Series WPD 130 1X50/1X50



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short Circuit Current Rating (SCCR)	
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Tightening torque	Nm
Note	

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
	brown / black / light grey
	green / light grey / blue
Note	

Accessories

Protective cover	light grey
End bracket	grey
	black
Screwdriver	SET
Identification systems	

WPD 130

50 mm²

22 / 70 / 45	
150 / 50	50 mm ² 50 mm ²
2.5...50	

IEC 60947-7-1

Ex II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	1000		880
150	150		150
50	AWG 10...1/0		50
100 kA			
8 kV / 3			
III / V-0			

CE, UL, CSA, IEC, RoHS, SCCR, UK, CA, Ex, CNEX18ATEX0016U

Rated connection	
2.5...50 / 2.5...50	
2.5...35	
16 / M10 (SW 5 mm)	
see appendix at the end of the chapter	

Note

Type	Qty.	Order No.
WPD 130 1X50/1X50 GY	9	2502530000
WPD 130 1X50/1X50 BL	9	2502540000
WPD 130 1X50/1X50 GN	9	2502550000
WPD 130 1X50/1X50 BN	9	2502560000
WPD 130 1X50/1X50 BK	9	2502570000

Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

WPD 230

50 mm²

35.6 / 70 / 45	
150 / 50	50 mm ² 50 mm ² 50 mm ² 50 mm ²
2.5...50	

IEC 60947-7-1

Ex II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	1000		880
150	150		150
50	AWG 10...1/0		50
100 kA			
8 kV / 3			
III / V-0			

CE, UL, CSA, IEC, RoHS, SCCR, UK, CA, Ex, CNEX18ATEX0016U

Rated connection	
2.5...50 / 2.5...50	
2.5...35	
16 / M10 (SW 5 mm)	
see appendix at the end of the chapter	

Imax: 300 A with the connection of 4 x 50 mm²

Type	Qty.	Order No.
WPD 230 2X50/2X50 GY	5	2502580000
WPD 230 2X50/2X50 BL	5	2502590000
WPD 230 2X50/2X50 GN	5	2502600000
WPD 230 2X50/2X50 BN	5	2502610000
WPD 230 2X50/2X50 BK	5	2502950000

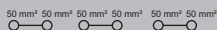
Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

WPD 330

50 mm²



56.5 / 70 / 45
150 / 50
2.5...50



IEC 60947-1

Ex II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	1000		880
150	150		150
50	AWG 10...1/0		50

100 kA

8 kV / 3

III / V-0

CE UK CA CNEX18ATEX0016U

Rated connection

2.5...50 / 2.5...50

2.5...35

16 / M10 (SW 5 mm)

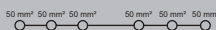
see appendix at the end of the chapter

WPD 330CC

50 mm²



51.2 / 70 / 45
150 / 50
2.5...50



IEC 60947-1

IEC	UL	CSA	EN 60079-7
1000	1000		
150	150		
50	AWG 10...1/0		

100 kA

8 kV / 3

III / V-0

CE UK CA

Rated connection

2.5...50 / 2.5...50

2.5...35

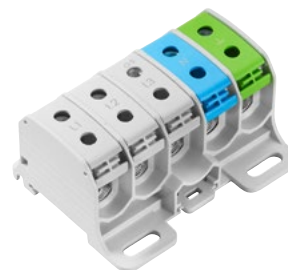
16 / M10 (SW 5 mm)

see appendix at the end of the chapter

Imax: 450 A with the connection of 6 x 50 mm²

WPD 530

50 mm²



93 / 70 / 45
150 / 50
2.5...50



IEC 60947-1

IEC	UL	CSA	EN 60079-7
1000			
150			
50			

100 kA

8 kV / 3

III / V-0

CE UK CA

Rated connection

2.5...50 / 2.5...50

2.5...35

16 / M10 (SW 5 mm)

see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 330 3X50/3X50 3XGY	3	2502620000
WPD 330 3X50/3X50 1XBN/1XBK/1XGY	3	2502650000
WPD 330 1XGY/1XBL/1XGN	3	2502640000

Type	Qty.	Order No.
WPD 330CC 3X50/3X50 GY	3	2874510000
WPD 330CC 3X50/3X50 BL	3	2874520000
WPD 330CC 3X50/3X50 GN	3	2874530000
WPD 330CC 3X50/3X50 BN	3	2874540000
WPD 330CC 3X50/3X50 BK	3	2874550000

Type	Qty.	Order No.
WPD 530 5X50/5X50 3XGY/1XBL/1XGN	24	2935040000

Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000





Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000





Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000



Power feed-in
Screw connection

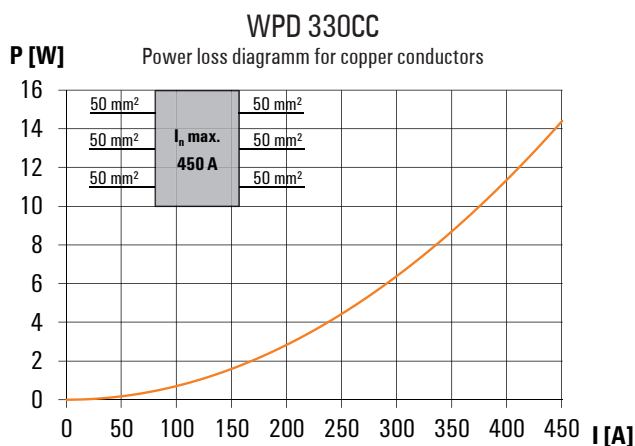
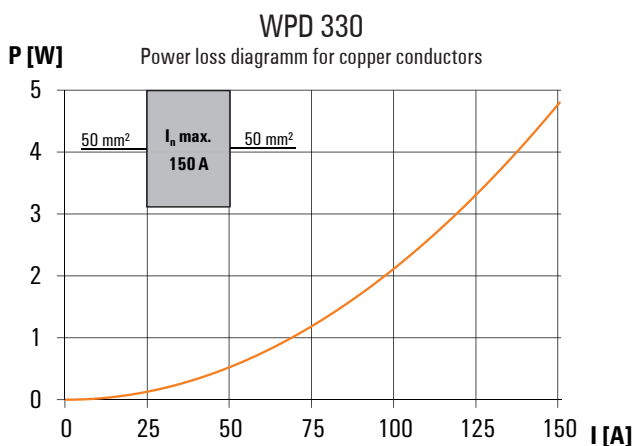
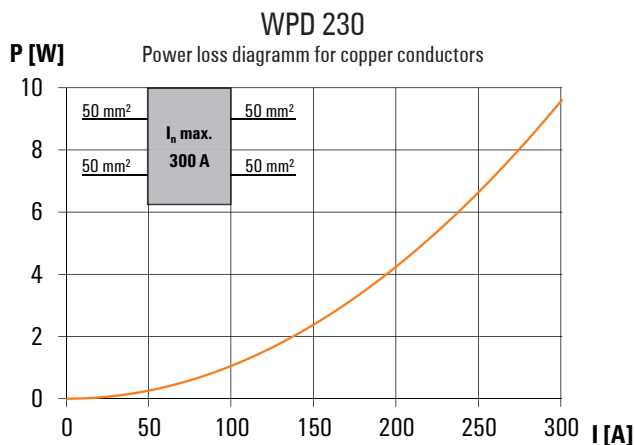
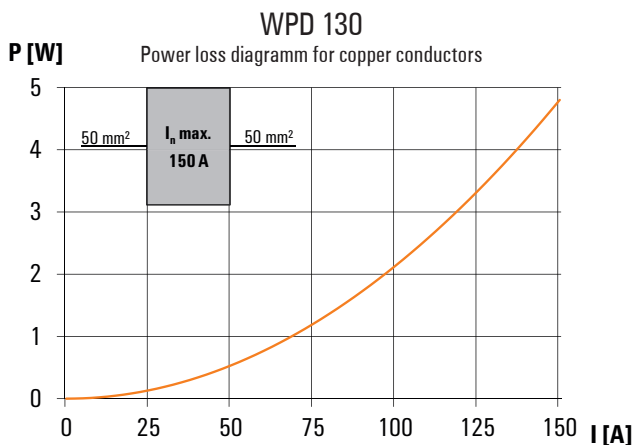
Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

Input (x1) / Output (x1)	Copper		Aluminium	
				
50 mm ²	10 Nm	10 Nm	14 Nm	14 Nm
35 mm ²			14 Nm	14 Nm
25 mm ²	8 Nm	8 Nm	12 Nm	10 Nm
16 mm ²			12 Nm	
10 mm ²	6 Nm	6 Nm		
6 mm ²				
4 mm ²				
2.5 mm ²				
max. current with 2 x 50 mm ² (acc. to IEC)	300 A		270 A	
Stripping lengths	16 mm			
Allen screw	M10 (SW 5 mm)			

Input (x1) / Output (x1)	Copper		Aluminium	
				
AWG 1/0	123.9Lb In.	123.9Lb In.	123.9Lb In.	123.9Lb In.
AWG 2			123.9Lb In.	123.9Lb In.
AWG 4			123.9Lb In.	123.9Lb In.
AWG 6			123.9Lb In.	123.9Lb In.
AWG 8				
AWG 10				
AWG 12				
max. current at 1 x 50 mm ² (acc. to UL)	150 A		120 A	
Stripping lengths	16 mm			
Allen screw	M10 (SW 5 mm)			



Diagrams





Power feed-in
Screw connection

W-Series
WPD 131 1X95/1X95



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	95 mm ² mm ²
Auxiliary connection 6 mm ²	mm ²

Short Circuit Current Rating (SCCR)
Rated impulse withstand voltage / Pollution severity
Overvoltage category / UL 94 flammability rating
Approvals

Clamped conductors (H05V/H07V)

Solid / Stranded	95 mm ² mm ²
Auxiliary connection 6 mm ²	mm ²
Flexible with ferrule	95 mm ² mm ²
Auxiliary connection 6 mm ²	mm ²
Stripping length / Blade size	95 mm ² mm/-
Auxiliary connection 6 mm ²	mm/-
Tightening torque	Nm

Note

Ordering data

Version	
	light grey
	blue
	green
	brown
	black

Note

Accessories

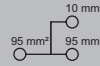
Protective cover	light grey
End bracket	grey black
Screwdriver	SET
Identification systems	

WPD 131

95 mm²



28 / 93 / 57
232 / 95
10...95



IEC 60947-7-1

Ex II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	1000		880
232	200		232
95	AWG 8...3/0		95
6	AWG 16...8		6

100 kA
8 kV / 3
III / V-0

CE, RoHS, UL, CSA, IEC, UK, Ex, CNEX18ATEX0016U

Rated connection

10...95 / 10...95
1.5...10 / 1.5...10
10...70
1.5...6
26 / M14 (SW 6)
10 / M4 (+/- PZ2)

see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 131 1X95/1X95 GY	2	2503090000
WPD 131 1X95/1X95 BL	2	2502660000
WPD 131 1X95/1X95 GN	2	2502670000
WPD 131 1X95/1X95 BN	2	2502680000
WPD 131 1X95/1X95 BK	2	2502690000

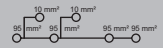
Type	Qty.	Order No.
WPDPC X31 GY	20	2503370000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

WPD 231

95 mm²



47 / 93 / 57
232 / 95
10...95



IEC 60947-7-1

Ex II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	1000		880
232	200		232
95	AWG 8...3/0		95
6	AWG 16...8		6

100 kA
8 kV / 3
III / V-0

CE, RoHS, UL, CSA, IEC, UK, Ex, CNEX18ATEX0016U

Rated connection

10...95 / 10...95
1.5...10 / 1.5...10
10...70
1.5...6
26 / M14 (SW 6)
10 / M4 (+/- PZ2)

see appendix at the end of the chapter

Imax: 464 A with the connection of 4 x 95 mm²

Type	Qty.	Order No.
WPD 231 2X95/2X95 GY	1	2502700000
WPD 231 2X95/2X95 BL	1	2502710000
WPD 231 2X95/2X95 GN	1	2502720000
WPD 231 2X95/2X95 BN	1	2502730000
WPD 231 2X95/2X95 BK	1	2502740000

Type	Qty.	Order No.
WPDPC X31 GY	20	2503370000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

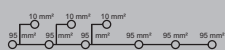


WPD 331CC

95 mm²



66 / 93 / 57
232 / 95
10...95



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
232	200		
95	AWG 8...3/0		
6	AWG 16...8		
	100 kA		
	8 kV / 3		
	III / V-0		



Rated connection

10...95 / 10...95
1.5...10 / 1.5...10
10...70
1.5...6
26 / M14 (SW 6)
10 / M4 (+/- PZ2)

see appendix at the end of the chapter

Imax: 696 A with the connection of 6 x 95 mm²

Type	Qty.	Order No.
WPD 331CC 3X95/3X95 GY	1	2874560000
WPD 331CC 3X95/3X95 BL	1	2874580000
WPD 331CC 3X95/3X95 GN	1	2874600000
WPD 331CC 3X95/3X95 BN	1	2874590000
WPD 331CC 3X95/3X95 BK	1	2874570000





Type	Qty.	Order No.
WPDPC X31 GY	20	2503370000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000







Power feed-in
Screw connection



Application range



Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

Input (x1) / Output (x1)	Copper		Aluminium	
				
95 mm ²	19 Nm	19 Nm	22,6 Nm	22,6 Nm
70 mm ²				
50 mm ²				
35 mm ²				
25 mm ²	14 Nm	14 Nm		
16 mm ²				
10 mm ²				
max. current with 2 x 95 mm ² (acc. to IEC)	464 A		200 A	
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Input (x1) / Output (x1)	Copper		Aluminium	
				
AWG 3/0	200Lb In.	200Lb In.	200Lb In.	123.9Lb In.
AWG 2/0				
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
max. current at 1 x 95 mm ² (acc. to UL)	200 A		155 A	
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Auxiliary connection

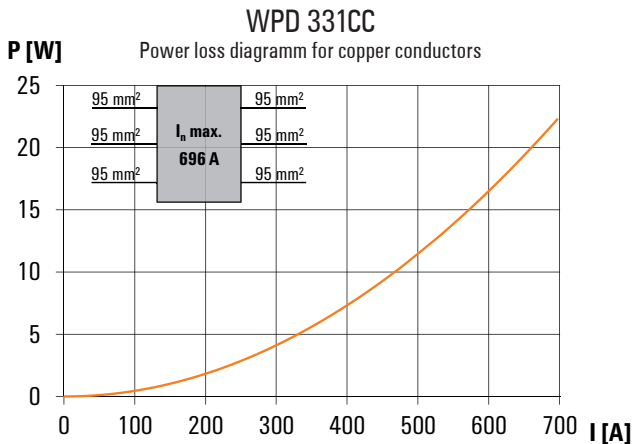
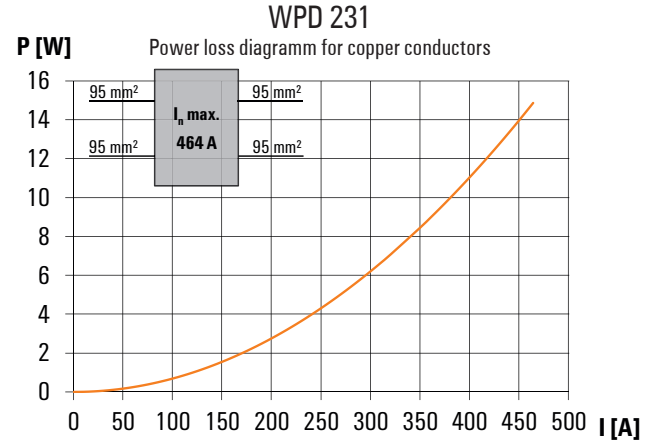
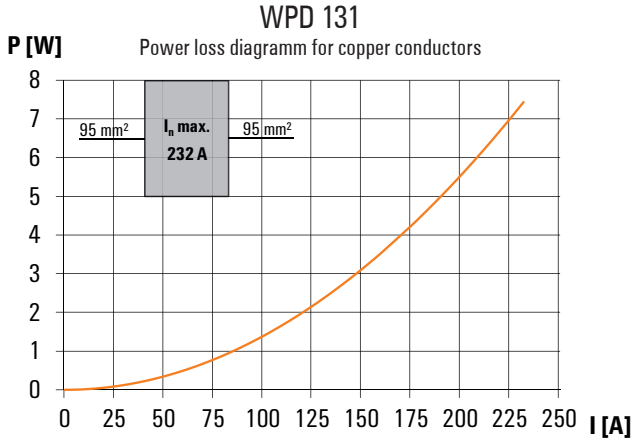
	Copper	
		
10 mm ²	1,2 Nm	1,2 Nm
6 mm ²		
4 mm ²		
2.5 mm ²		
1.5 mm ²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

	Copper	
		
AWG 8	20.3Lb In.	20.3Lb In.
AWG 10		
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	



B

Diagrams





Power feed-in
Screw connection

W-Series
WPD 132 1X185/1X185



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	185 mm ² mm ²
	Auxiliary connection 6 mm ² mm ²

Short Circuit Current Rating (SCCR)
Rated impulse withstand voltage / Pollution severity
Overvoltage category / UL 94 flammability rating

Approvals

Clamped conductors (H05V/H07V)

Solid / Stranded	185 mm ² mm ²	
	Auxiliary connection 6 mm ² mm ²	
Flexible with ferrule	185 mm ² mm ²	
	Auxiliary connection 6 mm ² mm ²	
Stripping length / Blade size	185 mm ² mm/-	
	Auxiliary connection 6 mm ² mm/-	
Tightening torque	Nm	

Note

Ordering data

Version	
	light grey
	blue
	green
	brown
	black

Note

Accessories

Protective cover	light grey
End bracket	grey black
Screwdriver	SET
Identification systems	

WPD 132

185 mm²



37,5 / 105 / 73,5
353 / 185
25...185



IEC 60947-7-1

Ex II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	1000		1100
353	310		353
185	AWG 4...kcmil 350		185
6	AWG 16...8		6

100 kA
8 kV / 3
III / V-0

CE, RoHS, UL, SCCR, UK, Ex, CNEX18ATEX0016U

Rated connection

95...185 / 95...185
1.5...10 / 1.5...10
25...150
1.5...6
29 / M18 (SW 10)
10 / M4 (+/- PZ2)

see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 132 1X185/1X185 GY	1	2502750000
WPD 132 1X185/1X185 BL	1	2502760000
WPD 132 1X185/1X185 GN	1	2502770000
WPD 132 1X185/1X185 BN	1	2502780000
WPD 132 1X185/1X185 BK	1	2502790000

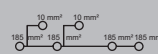
Type	Qty.	Order No.
WPDPC X32 GY	12	2503380000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

WPD 232

185 mm²



67,6 / 105 / 73,5
353 / 185
25...185



IEC 60947-7-1

Ex II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	1000		1100
353	310		353
185	AWG 4...kcmil 350		185
6	AWG 16...8		6

100 kA
8 kV / 3
III / V-0

CE, RoHS, UL, SCCR, UK, Ex, CNEX18ATEX0016U

Rated connection

95...185 / 95...185
1.5...10 / 1.5...10
25...150
1.5...6
29 / M18 (SW 10)
10 / M4 (+/- PZ2)

see appendix at the end of the chapter

Imax: 706 A with the connection of 4 x 185 mm²

Type	Qty.	Order No.
WPD 232 2X185/2X185 GY	1	2502800000
WPD 232 2X185/2X185 BL	1	2502810000
WPD 232 2X185/2X185 GN	1	2502820000
WPD 232 2X185/2X185 BN	1	2502830000
WPD 232 2X185/2X185 BK	1	2502840000

Type	Qty.	Order No.
WPDPC X32 GY	12	2503380000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

Input (x1) / Output (x1)	Copper		Aluminium	
185 mm ²	25 Nm	25 Nm	30,9 Nm	30,9 Nm
150 mm ²				
120 mm ²				
95 mm ²				
70 mm ²				
50 mm ²	20 Nm	20 Nm	30,9 Nm	284 A
35 mm ²				
25 mm ²				
Flat band 10x15,5x0,8 mm			30,9 Nm	
max. current with 2 x 185 mm ² (acc. to IEC)	706 A		284 A	
Stripping lengths	29 mm			
Allen screw	M18 (SW 10 mm)			

Input (x1) / Output (x1)	Copper		Aluminium	
350 kcmil	250Lb In.	250Lb In.	398Lb In.	398Lb In.
300 kcmil				
250 kcmil				
AWG 3/0				
AWG 2/0				
AWG 1/0	200Lb In.	200Lb In.	200Lb In.	200Lb In.
AWG 2				
AWG 4				
max. current with 1 x 185 mm ² (acc. to UL)	310 A		250 A	
Stripping lengths	29 mm			
Allen screw	M18 (SW 10 mm)			

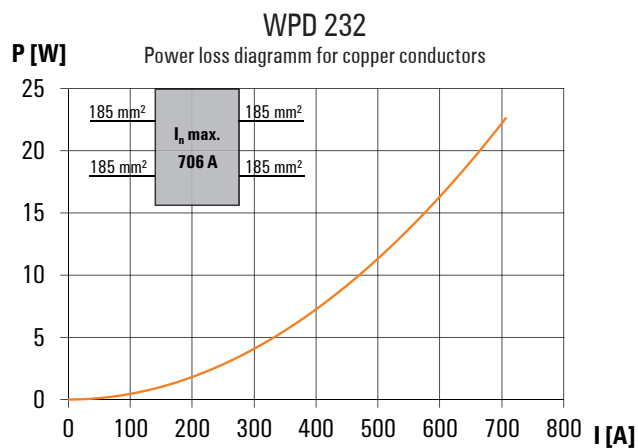
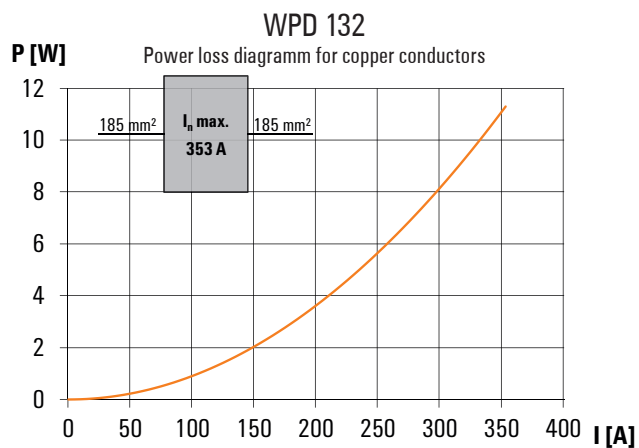
Auxiliary connection

	Copper	
10 mm ²	1,2 Nm	1,2 Nm
6 mm ²		
4 mm ²		
2.5 mm ²		
1.5 mm ²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

	Copper	
AWG 8	20.3Lb In.	20.3Lb In.
AWG 10		
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	

- Stranded
- Solid
- Flexible with ferrule
- Sector shaped
- Flat band

Diagrams



Power feed-in
Screw connection

W-Series
WPD 133 1X300/1X300



Application range

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	300 mm ² mm ²
	Auxiliary connection 6 mm ² mm ²

Short Circuit Current Rating (SCCR)
Rated impulse withstand voltage / Pollution severity
Overvoltage category / UL 94 flammability rating

Approvals

Clamped conductors (H05V/H07V)	
Solid / Stranded	300 mm ² mm ²
	Auxiliary connection 6 mm ² mm ²
Flexible with ferrule	300 mm ² mm ²
	Auxiliary connection 6 mm ² mm ²
Stripping length / Blade size	300 mm ² mm/-
	Auxiliary connection 6 mm ² mm/-
Tightening torque	Nm

Note

Ordering data

Version	
	light grey
	blue
	green
	brown
	black

Note

Accessories

Protective cover	light grey
End bracket	grey
	black
Screwdriver	SET
Identification systems	

WPD 133

300 mm²



45 / 118 / 83.5
520 / 300
35...300



IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	1000		1100
520	420		340
300	AWG 2...kcmil 600		300
6	AWG 16...8		6

100 kA
8 kV / 3
III / V-0

CE, RoHS, UL, SCCR, UK, Ex, CNEX18ATEX0016U

Rated connection	
150...300 / 150...300	
1.5...10 / 1.5...10	
35...240	
1.5...6	
34 / M24 (SW 12)	
10 / M4 (+/- PZ2)	

see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 133 1X300/1X300 GY	1	2502850000
WPD 133 1X300/1X300 BL	1	2502860000
WPD 133 1X300/1X300 GN	1	2502870000
WPD 133 1X300/1X300 BN	1	2502880000
WPD 133 1X300/1X300 BK	1	2502890000

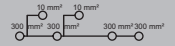
Type	Qty.	Order No.
WPDPC X33 GY	8	2503390000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

WPD 233

300 mm²



82.6 / 118 / 83.5
520 / 300
35...300



IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	1000		1100
520	420		340
300	AWG 2...kcmil 600		300
6	AWG 16...8		6

100 kA
8 kV / 3
III / V-0

CE, RoHS, UL, SCCR, UK, Ex, CNEX18ATEX0016U










Rated connection	
150...300 / 150...300	
1.5...10 / 1.5...10	
35...240	
1.5...6	
34 / M24 (SW 12)	
10 / M4 (+/- PZ2)	









see appendix at the end of the chapter
I_{max}: 1040 A with the connection of 4 x 300 mm²

Type	Qty.	Order No.
WPD 233 2X300/2X300 GY	1	2502900000
WPD 233 2X300/2X300 BL	1	2502910000
WPD 233 2X300/2X300 GN	1	2502920000
WPD 233 2X300/2X300 BN	1	2502930000
WPD 233 2X300/2X300 BK	1	2502940000



Type	Qty.	Order No.
WPDPC X33 GY	8	2503390000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000



Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)






Input (x1) / Output (x1)	Copper			Aluminium	
					
300 mm ²	45 Nm			65 Nm	65 Nm
240 mm ²					
185 mm ²					
150 mm ²					
120 mm ²	30 Nm			65 Nm	
95 mm ²					
70 mm ²					
50 mm ²					
35 mm ²					
Flat band 10x20x1 mm				65 Nm	
Max. current with 2 x 300 mm ² (acc. to IEC)	1040 A			340 A	
Stripping lengths	34 mm				
Allen screw	M24 (SW 12 mm)				

Input (x1) / Output (x1)	Copper		Aluminium	
				
600 kcmil	300Lb In.			575Lb In.
500 kcmil				
350 kcmil				
300 kcmil				
250 kcmil	200Lb In.			575Lb In.
AWG 3/0				
AWG 2/0				
AWG 1				
AWG 2				
Max. current at 1 x 300 mm ² (acc. to UL)	420 A		340 A	
Stripping lengths	34 mm			
Allen screw	M24 (SW 12 mm)			

Auxiliary connection

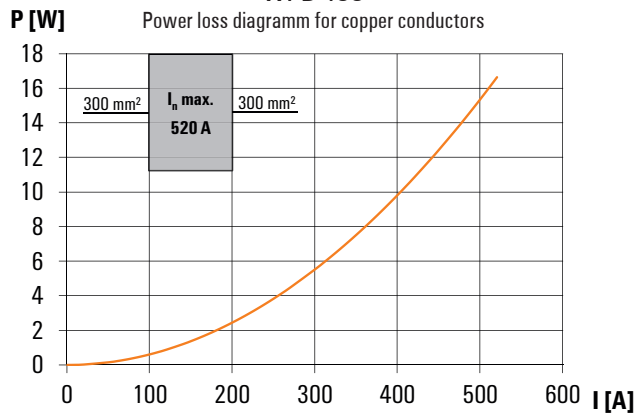
	Copper	
		
10 mm ²	1,2 Nm	1,2 Nm
6 mm ²		
4 mm ²		
2.5 mm ²		
1.5 mm ²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

	Copper	
		
AWG 8	20.3Lb In.	20.3Lb In.
AWG 10		
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	

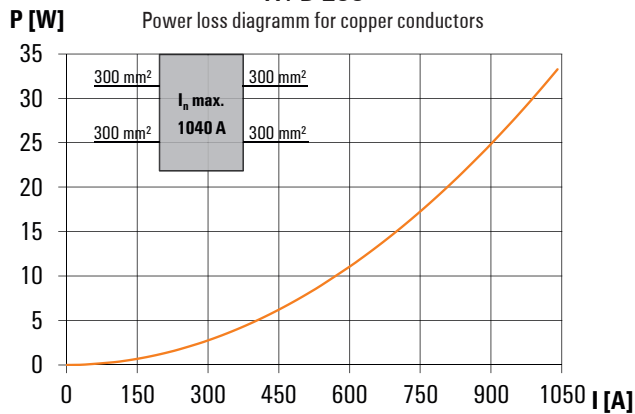
-  Stranded
-  Solid
-  Flexible with ferrule
-  Sector shaped
-  Flat band

Drawings

WPD 133

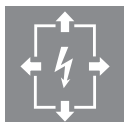


WPD 233



The secure and efficient way of distributing power

Klippon® Connect provides the required flexibility



Safe power supply to equipment such as motors is decisive for the availability of plants and machines. The use of increasingly large wire cross-sections and restricted space in the panel is increasing the demands on terminal blocks and distribution blocks and posing new challenges for panel planners. Our comprehensive product range for power distribution ensures excellent flexibility, even in the planning stages. The variety of possible combinations gives you just what you need for all power distribution requirements and enables compact panel design.

Our promise

Rapid installation and flexible combination options with Klippon® Connect, for simple, space-saving installation and increased productivity in the construction of switchgear and panel. This makes the design of your power distribution system noticeably more efficient.

B



Space saving

- Space-saving format and variety of functions in a single design
- Flexible expansion thanks to series arrangement and cross connection

Time saving

- Compatible with TS 35 terminal rail
- Optimised design for simple handling and fast installation, even under challenging conditions

**Safety**

- Safe conductor connection supported by step design
- Finger safety guaranteed in accordance with EN 50274
- Short-circuit resistance to highest SCCR standard

Flexibility

- Range of possible combinations for each requirement
- Can be used around the world thanks to international approvals

B

**Our range****More space, more options – even for aluminium wires:**

The slim design of our WPD X01–X03 main line branch terminals saves a great deal of space. With certification for aluminium conductors according to IEC 61238 “Class A” and a permissible voltage of 1,000 V DC, they meet all the requirements of complex applications.

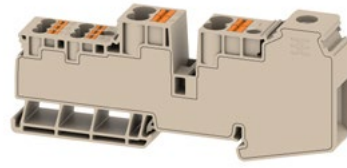
**All-rounder for a better overview:**

Our WPD X00 & X04-X09 distribution blocks are used in all situations where power is supplied and distributed. Their user-friendly design creates a better overview and enables rapid, efficient implementation of space-saving power distribution.

Power distribution
Hybrid connection

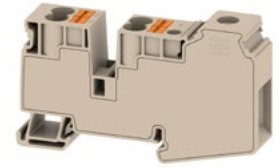
AWPD 35 4X6/6X2.5

35 mm²



AWPD 35 4X10

35 mm²



Width / Height / Depth	mm
max. current / max. conductor	A / mm ²
max. clamping range	mm ²

16.2 x 125 x 50	
Screw 35 mm ²	PUSH IN 35 mm ² PUSH IN 6 mm ²
105 / 35	24 / 2.5 41 / 6
1.5...35	0.14...2.5 0.5...6

16.2 x 95 x 60	
Screw 35 mm ²	PUSH IN 10 mm ²
105 / 35	50 / 10
1.5...35	1...10

Technical data

Rated voltage	Screw 35 mm ²	V
	PUSH IN 2.5 mm ²	V
	PUSH IN 6 mm ²	V
	PUSH IN 10 mm ²	V
Rated current	Screw 35 mm ²	A
	PUSH IN 2.5 mm ²	A
	PUSH IN 6 mm ²	A
	PUSH IN 10 mm ²	A
for wire cross-section	Screw 35 mm ²	mm ²
	PUSH IN 2.5 mm ²	mm ²
	PUSH IN 6 mm ²	mm ²
	PUSH IN 10 mm ²	mm ²

IEC 60947-1

IEC	UL	CSA
1000	600	
1000	600	
1000	600	
110	105	
24	40	
41	20	
35	AWG 14...2	
2.5	AWG 20...8	
6	AWG 22...12	

IEC 60947-1

IEC	UL	CSA
1000	600	
1000	600	
1000	600	
110	105	
57	50	
35	AWG 14...2	
10	AWG 20...6	

Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
flexible / flexible with ferrule	mm ²
Stripping length / Blade size	mm / mm
Tightening torque	Nm

Screw 35 mm ²	PUSH IN 2.5 mm ²	PUSH IN 6 mm ²
8kV / 3	8kV / 3	8kV / 3
B9	A3	A5
V-0	V-0	V-0
Screw 35 mm ²	PUSH IN 2.5 mm ²	PUSH IN 6 mm ²
1.5...35 / 1.5...35	0.5...4 / 0.14...2.5	0.5...10 / 0.5...6
1.5...35 / 1.5...35	0.5...2.5 / 0.5...2.5	0.5...6 / 0.5...6
17 / 1 x 5.5	10 / 0.6 x 3.5	12 / 1 x 5.5
2.5		

Screw 35 mm ²	PUSH IN 10 mm ²
8kV / 3	8kV / 3
B9	A6
V-0	V-0
Screw 35 mm ²	PUSH IN 10 mm ²
1.5...35 / 1.5...35	1...10 / 1...10
1.5...35 / 1.5...35	1...10 / 1...10
17 / 1 x 5.5	18 / 1 x 5.5
2.5	

Ordering data

Version	
	dark beige
	blue
	yellow/black

Type	Qty.	Order No.
AWPD 35 4X6/6X2.5	20	2728620000
AWPD 35 4X6/6X2.5 BL	20	2860560000
AWPD 35 4X6/6X2.5 FE	20	2924980000

Type	Qty.	Order No.
AWPD 35 4X10	20	2728630000
AWPD 35 4X10 BL	20	2860570000
AWPD 35 4X10 FE	20	2924990000

Accessories

Pluggable cross-connection	
for 1.5 mm ²	2-pole
	10-pole
for 2.5 mm ²	2-pole
	10-pole
for 6 mm ²	2-pole
	10-pole
for 6 mm ²	2-pole
	10-pole
End bracket	dark beige
Test adapter	
	1-pole
	1-pole
Screwdriver	
for 2.5 mm ² PUSH IN	Standard
for 6 mm ² PUSH IN	Standard
for 10 mm ² PUSH IN	Standard
for 35 mm ² Schraube	Standard
Identification systems	
For detailed information on other accessories and application in the online catalogue	

Type	Rated current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/10	41 A	20	1985780000
AEB 35 SCL/1 VO		50	2661280000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIS 0.6X3.5X100		1	2749810000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
DEK 8/5 MM WS		800	2007150000
WS-A 8/16 MM WS		200	2619910000

Type	Rated current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/10	41 A	20	1985780000
AEB 35 SCL/1 VO		50	2661280000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIS 0.6X3.5X100		1	2749810000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
DEK 8/5 MM WS		800	2007150000
WS-A 8/16 MM WS		200	2619910000

AWPD potential distribution terminal block

The potential distribution terminal block AWPD 35 can be fed by wires of crosssection 1.5 - 35 mm². Over standard cross-connections the potential is distributed over any number of terminals blocks of smaller crosssection. Some variants for potential distribution during feed-in are indicated in the table below, including the cross-connection which can be used and the maximum current allowed.



Integrated into separation plate



Maximum current flow I_{max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right
AWPD 35 4X10	ZQV 6N	35 mm ²	82 A

Maximum current flow I_{max} only with AWPD 35 4X6/6X2.5

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right
AWPD 35 4X6/6X2.5	ZQV 6N	35 mm ²	82 A

Maximum current flow I_{max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
AWPD 35 4X10	ZQV 6N	35 mm ²	41 A	82 A

Maximum current flow I_{max} only with AWPD 35 4X6/6X2.5

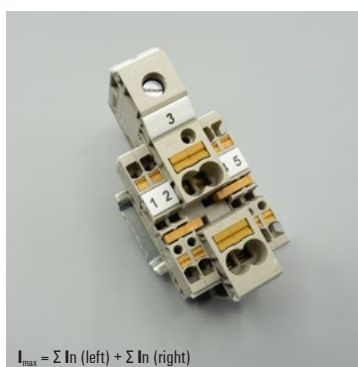
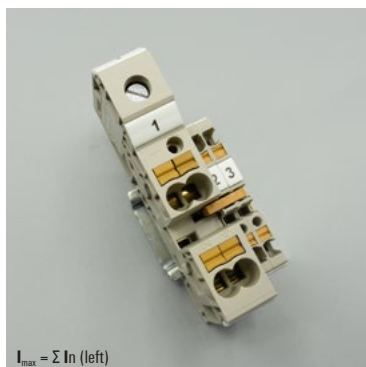
Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
AWPD 35 4X6/6X2.5	ZQV 6N	35 mm ²	41 A	82 A

Maximum current flow I_{max} only with AWPD 35 4X6/6X2.5

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A3C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A4C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A2C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A3C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A4C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A2C 4	ZQV 4N	35 mm ²	76 A	76 A
A3C 4	ZQV 4N	35 mm ²	76 A	76 A
A4C 4	ZQV 4N	35 mm ²	76 A	76 A
A2C 6	ZQV 6N	35 mm ²	76 A	82 A
A3C 6	ZQV 6N	35 mm ²	76 A	82 A

Maximum current flow I_{max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A3C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A4C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A2C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A3C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A4C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A2C 4	ZQV 4N	35 mm ²	76 A	76 A
A3C 4	ZQV 4N	35 mm ²	76 A	76 A
A4C 4	ZQV 4N	35 mm ²	76 A	76 A
A2C 6	ZQV 6N	35 mm ²	76 A	82 A
A3C 6	ZQV 6N	35 mm ²	76 A	82 A



Power distribution
Screw connection

W-Series
WPD 100 2X25/6X10



Application range

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	25 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	25 mm ²	mm ²
	10 mm ²	mm ²
Flexible with ferrule	25 mm ²	mm ²
	10 mm ²	mm ²
Stripping length / Blade size	25 mm ²	mm/-
	10 mm ²	mm/-
Tightening torque		Nm
Note		

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

WPD 100

25 mm²



30.2 / 49 / 55.4	10 mm ²	25 mm ²
101 / 25	10 mm ²	25 mm ²
1.5...25	10 mm ²	25 mm ²

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
101			
25			
8 kV / 3			
III / V-0			
CE ENEC EAC			
Rated connection			
2.5...25 / 2.5...25			
1.5...10 / 1.5...10			
1.5...16			
1.5...6			
17 / M6 (+/- PZ2)			
9 / M5 (+/- PZ2)			
see appendix at the end of the chapter			

Type	Qty.	Order No.
WPD 100 2X25/6X10 GY	3	1561910000
WPD 100 2X25/6X10 BI	3	1561920000
WPD 100 2X25/6X10 GN	3	1561930000
WPD 100 2X25/6X10 BN	3	2814500000
WPD 100 2X25/6X10 BK	3	2814490000




Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000









B



Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

Input (x2)	Copper		Aluminium
2x25 mm ²			
25 mm ²	3 Nm	3 Nm	4 Nm
16 mm ²			
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	17 mm		
screw	M6 (+/- PZ2)		

Output (x6)	Copper		Aluminium
6x10 mm ²			
10 mm ²	2 Nm	2 Nm	3 Nm
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	9 mm		
screw	M5 (+/- PZ2)		

 Stranded
 Solid
 Flexible with ferrule



Power distribution
Screw connection

W-Series
WPD 110 1X70+1X35/6X16



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	70 mm ² mm ²
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	70 mm ² mm ²
	35 mm ² mm ²
	16 mm ² mm ²
Flexible with ferrule	70 mm ² mm ²
	35 mm ² mm ²
	16 mm ² mm ²
Stripping length / Blade size	70 mm ² mm/-
	35 mm ² mm/-
	16 mm ² mm/-
Tightening torque	Nm
Note	

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

WPD 110

70 mm²



38.5 / 63 / 69.5	
192 / 70	
1.5...70	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
200			
70			
		8 kV / 3	
		III / V-0	
CE ENEC ERI			
Rated connection			
10...70 / 4...35			
4...35 / 4...35			
1.5...16 / 1.5...16			
6...50			
2.5...25			
1.5...10			
27 / M10			
26 / M8			
13 / M6			
see appendix at the end of the chapter			









Type	Qty.	Order No.
WPD 110 1X70+1X35/6X16 GY	3	2603810000
WPD 110 1X70+1X35/6X16 BL	3	2603820000
WPD 110 1X70+1X35/6X16 GN	3	2603830000
WPD 110 1X70+1X35/6X16 BN	3	2814520000
WPD 110 1X70+1X35/6X16 BK	3	2814510000




Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000



Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

Input	Copper		Aluminium
1x 70 mm ²			
70 mm ²	10 Nm	10 Nm	12 Nm
50 mm ²			
35 mm ²			
25 mm ²			
16 mm ²			
10 mm ²			
6 mm ²			
Stripping lengths	27 mm		
Screw	M10 (+/- PZ2)		

Input	Copper		Aluminium
1x 35 mm ²			
35 mm ²	6 Nm	6 Nm	
25 mm ²			
16 mm ²			
10 mm ²			
6 mm ²			
4 mm ²			
2,5 mm ²			
Stripping lengths	26 mm		
Screw	M8 (+/- PZ2)		

Output	Copper		Aluminium
6x 16 mm ²			
16 mm ²	3 Nm	3 Nm	10 Nm
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	13 mm		
Screw	M6 (+/- PZ2)		

 Stranded
  Solid
  Flexible with ferrule



Power distribution
Screw connection

W-Series
WPD 101 2X25/2X16



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	25 mm ² mm ²
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	25 mm ² mm ²
	16 mm ² mm ²
Flexible with ferrule	25 mm ² mm ²
	16 mm ² mm ²
Stripping length / Blade size	25 mm ² mm/-
	16 mm ² mm/-
Tightening torque	Nm
Note	

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
	3x light grey / blue
	green / 3x light grey / blue
	brown / black / light grey / blue / green
	3x light grey / blue / green
Note	

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

WPD 101

25 mm²



17.8 / 49.3 / 55.7
101 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
152	90		
25	AWG 16...4		
	8 kV / 3		
	III / V-0		
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...16			
1.5...10			
19 / M6 (+/- PZ2)			
19 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 164 A with the connection of 4 x 16 mm ²			

Type	Qty.	Order No.
WPD 101 2X25/2X16 GY	5	1560730000
WPD 101 2X25/2X16 BL	5	1560670000
WPD 101 2X25/2X16 GN	5	1560650000
WPD 101 2X25/2X16 BN	5	1561120000
WPD 101 2X25/2X16 BK	5	1561100000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

WPD 301

25 mm²



53 / 49.3 / 55.7
101 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
152			
25			
	8 kV / 3		
	III / V-0		
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...16			
1.5...10			
19 / M6 (+/- PZ2)			
19 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 164 A with the connection of 4 x 16 mm ²			

Type	Qty.	Order No.
WPD 301 2X25/2X16 3XGY	2	1561130000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

Power distribution
Screw connection

W-Series
WPD 201 2X25/2X16



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	25 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	25 mm ²	mm ²
	16 mm ²	mm ²
Flexible with ferrule	25 mm ²	mm ²
	16 mm ²	mm ²
Stripping length / Blade size	25 mm ²	mm/-
	16 mm ²	mm/-
Tightening torque		Nm
Note		

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

WPD 201

25 mm²



34.2 / 49.3 / 52
152 / 25
1.5...25



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
101	90		
25	AWG 16...4		
8 kV / 3			
III / V-0			
CE			
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...16			
1.5...10			
19 / M6 (+/- PZ2)			
19 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
I _{max} : 328 A with the connection of 8 x 16 mm ²			



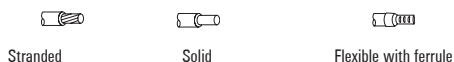
Type	Qty.	Order No.
WPD 201 4X25/4X16 GY	1	2731220000
WPD 201 4X25/4X16 BL	1	2731230000
WPD 201 4X25/4X16 GN	1	2731240000
WPD 201 4X25/4X16 BN	1	2731250000
WPD 201 4X25/4X16 BK	1	2731260000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000



Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

Input (x2) / Output (x2)	Copper		Aluminium	Input (x2) / Output (x2)	Copper		Aluminium
2x25 mm ² (round conductor)				2x16 mm ² (round conductor)			
25 mm ²	3,5 Nm	3,5 Nm	4 Nm	25 mm ²	2,5 Nm	2,5 Nm	4 Nm
16 mm ²							
10 mm ²							
6 mm ²							
4 mm ²							
2,5 mm ²				1,5 mm ²			
Stripping lengths screw	19 mm			19 mm			
	M6 (+/- PZ2)			M6 (+/- PZ2)			



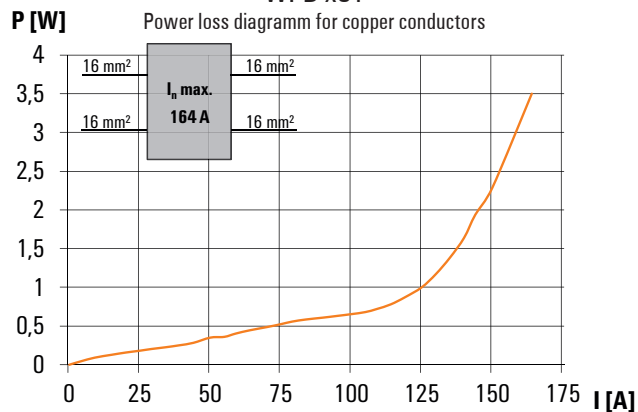
Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)		XCFR2.E60693				
Input (line)	Line		Load			
	Copper	Aluminium	Copper	Aluminium	Copper	Aluminium
AWG 4	22.1 Lb In	22.1 Lb In	22.1 Lb In	22.1 Lb In	22.1 Lb In	22.1 Lb In
AWG 6						
AWG 8						
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	90 A	90 A	65 A	65 A	50 A	50 A
Voltage size B,C (UR)	600 V					

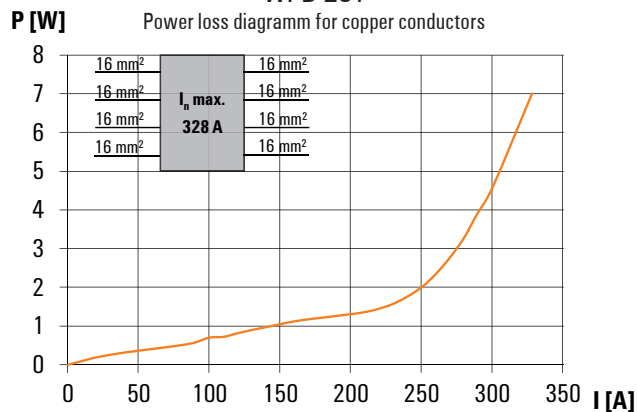
CSA Rating data according to CSA 22.2 No. 158 ng data

Certificate no. (cURus)		XCFR2.E60693				
Input (line)	Line		Load			
	Copper	Aluminium	Copper	Aluminium	Copper	Aluminium
AWG 4	2,5 Nm	2,5 Nm	2,1 Nm	2,1 Nm	2,1 Nm	2,1 Nm
AWG 6						
AWG 8						
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	90 A	90 A	65 A	65 A	50 A	50 A
Voltage size B,C (UR)	600 V					

WPD x01



WPD 201



Power distribution
Screw connection

W-Series
WPD 102 2X35/2X25



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	35 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	35 mm ²	mm ²
	25 mm ²	mm ²
Flexible with ferrule	35 mm ²	mm ²
	25 mm ²	mm ²
Stripping length / Blade size	35 mm ²	mm/-
	25 mm ²	mm/-
Tightening torque		Nm
Note		

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

WPD 102

35 mm²



22.2 / 49.3 / 55.7	35 mm ² 35 mm ² 25 mm ² 25 mm ²
125 / 35	
2.5...35	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
202	125		
35	AWG 16...2		
8 kV / 3			
III / V-0			
Rated connection			
4...35 / 4...35			
2.5...25 / 2.5...25			
2.5...25			
2.5...16			
22 / M6 (+/- PZ2)			
18 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 214 A with the connection of 4 x 25 mm ²			

Type	Qty.	Order No.
WPD 102 2X35/2X25 GY	5	1561680000
WPD 102 2X35/2X25 BL	5	1561640000
WPD 102 2X35/2X25 GN	5	1561670000
WPD 102 2X35/2X25 BN	5	1561650000
WPD 102 2X35/2X25 BK	5	1561630000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2	1	9008540000

WPD 302

35 mm²



66.6 / 49.3 / 55.7	35 mm ² 35 mm ² 35 mm ² 35 mm ² 35 mm ² 35 mm ²
125 / 35	
2.5...35	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
202			
35			
8 kV / 3			
III / V-0			
Rated connection			
4...35 / 4...35			
2.5...25 / 2.5...25			
2.5...25			
2.5...16			
22 / M6 (+/- PZ2)			
18 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 214 A with the connection of 4 x 25 mm ²			

Type	Qty.	Order No.
WPD 302 2X35/2X25 3XGY	2	1561740000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2	1	9008540000

Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

Input (x2) / Output (x2)	Copper		Aluminium
2x35 mm ² (round conductor)			
35 mm ²	3,5 Nm	3,5 Nm	8 Nm
25 mm ²			6 Nm
16 mm ²			4 Nm
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	22 mm		
screw	M6 (+/- PZ2)		

Input (x2) / Output (x2)	Copper		Aluminium
2x35 mm ² (round conductor)			
35 mm ²	3,5 Nm	3,5 Nm	
25 mm ²			6 Nm
16 mm ²			4 Nm
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	18 mm		
screw	M6 (+/- PZ2)		



Stranded

Solid

Flexible with ferrule

Conductor connection data according to UL 1059 (Al+Cu)

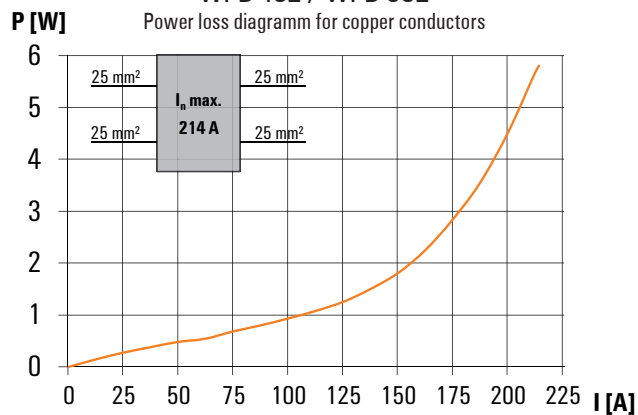
Input (line)	Line		Load		
	Copper	Aluminium	Copper	Aluminium	
AWG 4	31 Lb In				
AWG 6			70,8 Lb In		
AWG 8			53 Lb In		
AWG 10		31 Lb In		22.1 Lb In	
AWG 12					
AWG 14					
AWG 16				22.1 Lb In	
max. current	125 A	115 A	90 A	85 A	
max. current			65 A	65 A	
Voltage size B,C (UR)	600 V				

CSA Rating data according to CSA 22.2 No. 158

Input (line)	Line		Load		
	Copper	Aluminium	Copper	Aluminium	
AWG 4	3,5 Nm				
AWG 6			8 Nm		
AWG 8			6 Nm		
AWG 10		3,5 Nm		3,5 Nm	
AWG 12			4 Nm		
AWG 14					
AWG 16				3,5 Nm	
max. current	125 A	85 A	90 A	85 A	
max. current			65 A	65 A	
Voltage size B,C (UR)	600 V				

WPD 102 / WPD 302

Power loss diagramm for copper conductors



Power distribution
Screw connection

W-Series

WPD 202 4X35/4X25



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	35 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	35 mm ²	mm ²
	25 mm ²	mm ²
Flexible with ferrule	35 mm ²	mm ²
	25 mm ²	mm ²
Stripping length / Blade size	35 mm ²	mm/-
	25 mm ²	mm/-
Tightening torque		Nm
Note		

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

WPD 202

35 mm²



43.2 / 49.3 / 55.7	
125 / 35	
2.5...35	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
202			
35			
		8 kV / 3	
		III / V-0	
CE			
Rated connection			
4...35 / 4...35			
2.5...25 / 2.5...25			
2.5...25			
2.5...16			
22 / M6 (+/- PZ2)			
18 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
I _{max} : 428 A with the connection of 8 x 25 mm ²			



Type	Qty.	Order No.
WPD 202 4X35/4X25 GY	2	1561730000
WPD 202 4X35/4X25 BL	2	1561700000
WPD 202 4X35/4X25 GN	2	1561620000
WPD 202 4X35/4X25 BN	2	1561720000
WPD 202 4X35/4X25 BK	2	1561690000

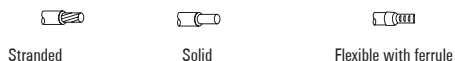
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000



Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-1 (Cu), IEC 61238-1 Class A (Cu+Al)

Input (x4) / Output (x4)	Copper		Aluminium
4x35 mm ² (round conductor)			
35 mm ²	3,5 Nm	3,5 Nm	8 Nm
25 mm ²			6 Nm
16 mm ²			4 Nm
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	22 mm		
screw	M8 (+/- PZ2)		

Input (x4) / Output (x4)	Copper		Aluminium
4x25 mm ² (round conductor)			
35 mm ²	3,5 Nm	3,5 Nm	6 Nm
25 mm ²			4 Nm
16 mm ²			
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	18 mm		
screw	M6 (+/- PZ2)		



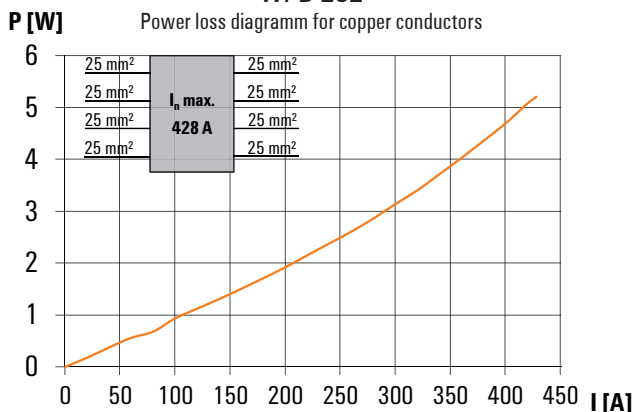
Conductor connection data according to UL 1059 (Al+Cu)

Input (line)	Line		Load			
	Copper	Aluminium	Copper		Aluminium	
AWG 4	31 Lb In	31 Lb In	70.8 Lb In	22.1 Lb In	22.1 Lb In	
AWG 6			53 Lb In			53 Lb In
AWG 8			53 Lb In			35 Lb In
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	115 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

CSA Rating data according to CSA 22.2 No. 158

Input (line)	Line		Load			
	Copper	Aluminium	Copper		Aluminium	
AWG 4	3.5 Nm	3.5 Nm	8 Nm	3.5 Nm	3.5 Nm	
AWG 6			6 Nm			6 Nm
AWG 8			4 Nm			4 Nm
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	85 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

WPD 202



Power distribution
Screw connection

W-Series
WPD 103 2X70/2X50



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	70 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm ²	mm ²
	50 mm ²	mm ²
Flexible with ferrule	70 mm ²	mm ²
	50 mm ²	mm ²
Stripping length / Blade size	70 mm ²	mm/-
	50 mm ²	mm/-
Tightening torque		Nm
Note		

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

WPD 103

70 mm²



32.9 / 53.1 / 63	
192 / 70	
4...70	

IEC 60947-7-1

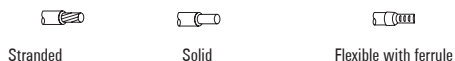
IEC	UL	CSA	EN 60079-7
1000	600		
300	160		
70	AWG 12...2/0		
8 kV / 3			
III / V-0			
Rated connection			
10...70 / 10...70			
6...50 / 6...50			
6...50			
4...35			
25 / M10 (SW 4)			
20 / M8 (SW 4)			
see appendix at the end of the chapter			
I _{max} : 320 A with the connection of 4 x 50 mm ²			



Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

Input (x2) / Output (x2)	Copper		Aluminium
2x70 mm ² (round conductor)			
70 mm ²	10 Nm	10 Nm	18 Nm
50 mm ²			10 Nm
35 mm ²			8 Nm
25 mm ²			6 Nm
16 mm ²			4 Nm
10 mm ²			
6 mm ²			
4 mm ²			
Stripping lengths	25 mm		
screw	M10 (SW 4 mm)		

Input (x2) / Output (x2)	Copper		Aluminium	
2x90 mm ² (round conductor)				
70 mm ²	6 Nm	6 Nm	10 Nm	
50 mm ²			8 Nm	
35 mm ²			6 Nm	
25 mm ²			4 Nm	
16 mm ²				
10 mm ²				
6 mm ²				
4 mm ²				
Stripping lengths	20 mm			
screw	M8 (SW 4 mm)			



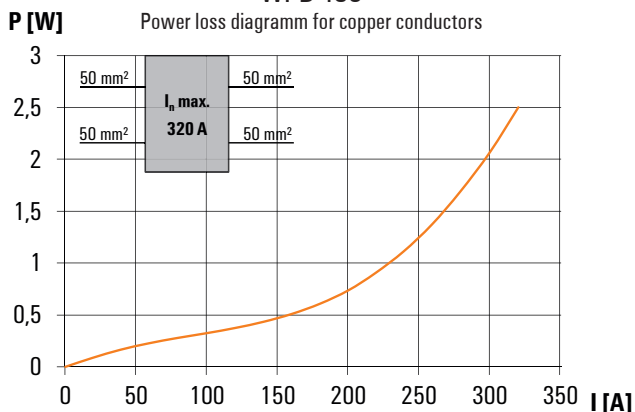
Conductor connection data according to UL 1059 (Al+Cu)

Input (line)	Line		Load		
	Copper	Aluminium	Copper	Aluminium	
AWG 4	88.5 Lb In	88.5 Lb In	159 Lb In		
AWG 6			88.5 Lb In	88.5 Lb In	
AWG 8			70.8 Lb In	70.8 Lb In	
AWG 10			53 Lb In	53.1 Lb In	
AWG 12				53.1 Lb In	
AWG 14				35 Lb In	
AWG 16					
max. current	160 A	150 A	135 A	150 A	
max. current			115 A	120 A	
Voltage size B,C (UR)	600 V				

CSA Rating data according to CSA 22.2 No. 158

Input (line)	Line		Load		
	Copper	Aluminium	Copper	Aluminium	
AWG 4	10 Nm	10 Nm	18 Nm		
AWG 6			10 Nm	10 Nm	
AWG 8			8 Nm	8 Nm	
AWG 10			6 Nm	6 Nm	
AWG 12				6 Nm	
AWG 14				4 Nm	
AWG 16					
max. current	160 A	150 A	135 A	150 A	
max. current			115 A	120 A	
Voltage size B,C (UR)	600 V				

WPD 103



Power distribution
Screw connection

W-Series
WPD 104 1X25+1X16/2X16+3X10



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	25 mm ² mm ²
Short Circuit Current Rating (SCCR)	
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	25 mm ² mm ²
	16 mm ² mm ²
	10 mm ² mm ²
Flexible with ferrule	25 mm ² mm ²
	16 mm ² mm ²
	10 mm ² mm ²
Stripping length / Blade size	25 mm ² mm/-
	16 mm ² mm/-
	10 mm ² mm/-
Tightening torque	Nm
Note	

Ordering data

Version	
	grey
	blue
	red
	black
Note	

Accessories

Cross connection	
	2-pole
	3-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

WPD 104

25 mm²



31.5 / 49 / 68	10 mm ²	16 mm ²	16 mm ²	25 mm ²
101 / 25				
1.5...25				

IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	600	600	550
164	85	85	101
25	AWG 16...4	AWG 16...4	25
200 kA			
8 kV / 3			
III / V-0			
CE ENEC ENEC UK UK Ex CNEX 16 ATEX0005U			
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...10 / 1.5...10			
1.5...16			
1.5...10			
1.5...6			
12 / M5			
14 / M6			
19 / M6			
see appendix at the end of the chapter			

Type	Qty.	Order No.
WPD 104 1X25+1X16/2X16+3X10 GY	1	1562000000
WPD 104 1X25+1X16/2X16+3X10 BL	1	2518250000
WPD 104 1X25+1X16/2X16+3X10 RD	1	2725260000
WPD 104 1X25+1X16/2X16+3X10 BK	1	2725360000

Type	Qty.	Order No.
WQB WPD X04/2	20	1561980000
WQB WPD X04/3	20	1561990000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

WPD 204

25 mm²



63 / 49 / 68	10 mm ²	16 mm ²	16 mm ²	25 mm ²
101 / 25				
1.5...25				

IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

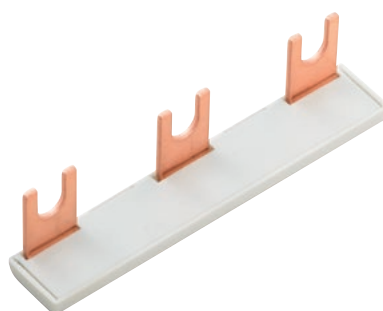
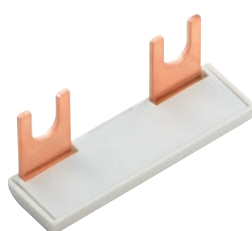
IEC	UL	CSA	EN 60079-7
1000			550
164			101
25			25
200 kA			
8 kV / 3			
III / V-0			
CE ENEC ENEC UK UK Ex CNEX 16 ATEX0005U			
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...10 / 1.5...10			
1.5...16			
1.5...10			
1.5...6			
12 / M5			
14 / M6			
19 / M6			
see appendix at the end of the chapter			

Type	Qty.	Order No.
WPD 204 2X25/4X16+6X10 2XGY	1	1562150000
WPD 204 2X25/4X16+6X10 2XBL	1	2518330000
WPD 204 2X25/4X16+6X10 2XRD	1	2725290000
WPD 204 2X25/4X16+6X10 2XBK	1	2725390000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

WPD 304

25 mm²



94.5 / 49 / 68
101 / 25
1.5...25



IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			550
164			101
25			25

Ex II 2 GD
Ex eb IIC Gb

8 kV / 3
III / V-0

CE ENE UK Ex CNEX 16 ATEX0005U

Rated connection
2.5...25 / 2.5...25
1.5...16 / 1.5...16
1.5...10 / 1.5...10
1.5...16
1.5...10
1.5...6
12 / M5
14 / M6
19 / M6

see appendix at the end of the chapter





Type	Qty.	Order No.
WPD 304 3X25/6X16+9X10 3XGY	1	1562160000
WPD 304 3X25/6X16+9X10 3XBL	1	2518340000
WPD 304 3X25/6X16+9X10 3XRD	1	2725300000
WPD 304 3X25/6X16+9X10 3XBK	1	2725400000

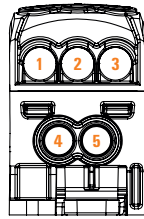
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



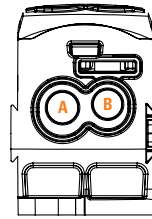
Power distribution
Screw connection

Conductor connection data according to IEC 60947-7-1 (Cu)

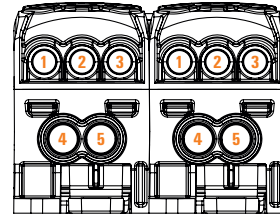
Input	connection point A			
	Copper		Aluminium*	
				
25 mm ²	2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm
16 mm ²				
10 mm ²				
6 mm ²				
4 mm ²				
2,5 mm ²				
1,5 mm ²				
Stripping lengths	19 mm			
Allen screw	M6			
* Values according to UL 1059				



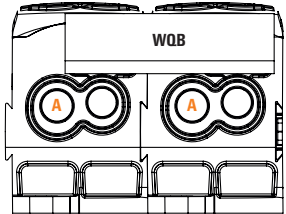
output















input



output



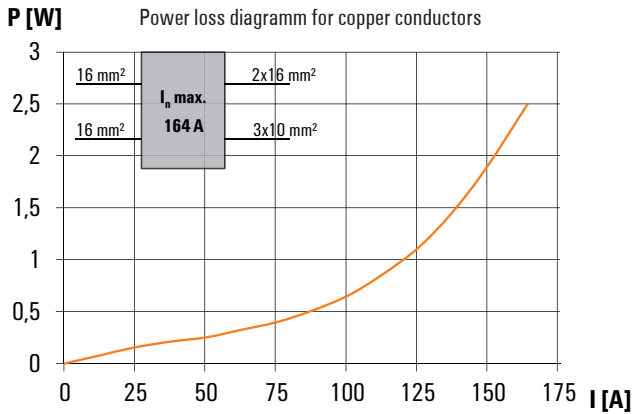
input

Output	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
												
16 mm ²	2 Nm	2 Nm	5,1 Nm	2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm	2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm	
10 mm ²												
6 mm ²												
4 mm ²												
2,5 mm ²												
1,5 mm ²												
Stripping lengths	12 mm				14 mm				19 mm			
Allen screw	M5				M6				M6			
* Values according to UL 1059												



















B

WPD 104



Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)		XCFR2.E60693			
connection point A					
Input (line)	Copper		Aluminium		
					
AWG 4	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	
AWG 6					
AWG 8					
AWG 10					
AWG 12					
max. current	85 A	65 A	65 A	50 A	
Voltage size B,C (UR)	600 V				

output (load)	connection point 1/2/3				connection point 4/5				connection point B				
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium		
													
AWG 4	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	22.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	
AWG 6													
AWG 8													
AWG 10													
AWG 12													
AWG 14													
AWG 16													
max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A	65 A	50 A	50 A		
Voltage size B,C (UR)	600 V												



Mehrdrätig

Eindrätig

Feindrätig mit Aderendhülse

CSA Rating data according to CSA 22.2 No. 158

Certificate No. (CSA)		269832			
	Input		Output		
	CP* A	CP* 1/2/3	CP* 4/5	CP*B	
AWG 4	2,5 Nm.	2,5 Nm	2,5 Nm	2,5 Nm	
AWG 6					
AWG 8					
AWG 10					
AWG 12					
AWG 14					
AWG 16					
max. current	85 A	50 A	50 A	65 A	
Voltage size C (CSA)	600 V				
* CP - connection point					



Power distribution
Screw connection

W-Series
WPD 105 1X35+1X16/2X25+3X16



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	35 mm ² mm ²
Short Circuit Current Rating (SCCR)	
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)		
Solid / Stranded	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Flexible with ferrule	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Stripping length / Blade size	35 mm ²	mm/-
	25 mm ²	mm/-
	16 mm ²	mm/-
Tightening torque	Nm	
Note		

Ordering data

Version	
	grey
	blue
	red
	black
Note	

Accessories

Cross connection	
	2-pole
	3-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

WPD 105

35 mm²



35.6 / 53.7 / 70
125 / 35
1.5...35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	690
214	115	85	125
35	AWG 16...2	AWG 16...2	35
200 kA			
8 kV / 3			
III / V-0			

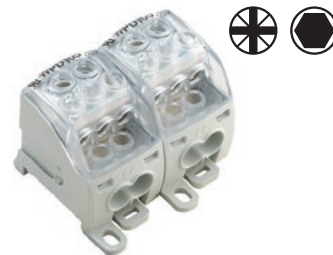
CE	RoHS	UL	CSA	UK	Ex	CNEX 16 ATEX0005U
Rated connection						
4...35 / 4...35						
2.5...25 / 2.5...25						
1.5...16 / 1.5...16						
2.5...25						
1.5...16						
1.5...10						
19 / M8						
14 / M6						
12 / M6						
see appendix at the end of the chapter						

Type	Qty.	Order No.
WPD 105 1X35+1X16/2X25+3X16 GY	1	1562170000
WPD 105 1X35+1X16/2X25+3X16 BL	1	2518540000
WPD 105 1X35+1X16/2X25+3X16 RD	1	2725310000
WPD 105 1X35+1X16/2X25+3X16 BK	1	2725410000

Type	Qty.	Order No.
WQB WPD X05/2	20	1561960000
WQB WPD X05/3	20	1561970000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

WPD 205

35 mm²



71.2 / 53.7 / 70
125 / 35
1.5...35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			690
214			125
35			35
200 kA			
8 kV / 3			
III / V-0			

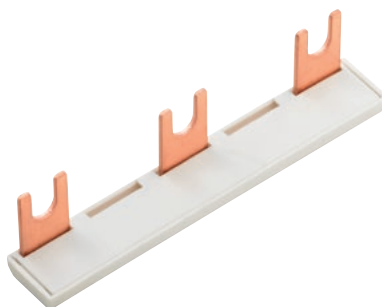
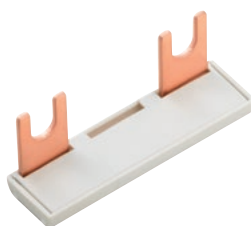
CE	RoHS	UL	CSA	UK	Ex	CNEX 16 ATEX0005U
Rated connection						
4...35 / 4...35						
2.5...25 / 2.5...25						
1.5...16 / 1.5...16						
2.5...25						
1.5...16						
1.5...10						
19 / M8						
14 / M6						
12 / M6						
see appendix at the end of the chapter						

Type	Qty.	Order No.
WPD 205 2X35/4X25+6X16 2XGY	1	1562180000
WPD 205 2X35/4X25+6X16 2XBL	1	2519470000
WPD 205 2X35/4X25+6X16 2XRD	1	2725320000
WPD 205 2X35/4X25+6X16 2XBK	1	2725420000

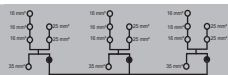
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

WPD 305

35 mm²



106.8 / 53.7 / 70
125 / 35
1,5...35



IEC 60947-7-1

Ex II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000			690
214			125
35			35

8 kV / 3
III / V-0



CNEX 16 ATEX0005U

Rated connection

4...35 / 4...35

2.5...25 / 2.5...25

1.5...16 / 1.5...16

2.5...25

1.5...16

1.5...10

19 / M8

14 / M6

12 / M6

see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 305 3X35/6X25+9X16 3XGY	1	1562190000
WPD 305 3X35/6X25+9X16 3XBL	1	2521770000
WPD 305 3X35/6X25+9X16 3XRD	1	2725330000
WPD 305 3X35/6X25+9X16 3XBK	1	2725430000

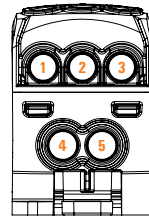
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



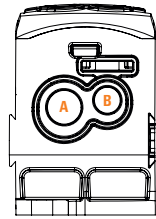
Power distribution
Screw connection

Conductor connection data according to IEC 60947-7-1 (Cu)

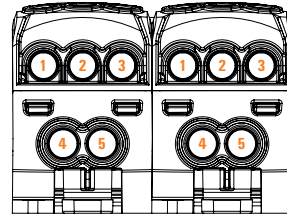
Input	connection point A			
	Copper		Aluminium*	
35 mm ²	3,5 Nm	3,5 Nm	11,3 Nm	11,3 Nm
25 mm ²				
16 mm ²				
10 mm ²				
6 mm ²				
4 mm ²				
2.5 mm ²				
Stripping lengths	19 mm			
Allen screw	M8			
* Values according to UL 1059				



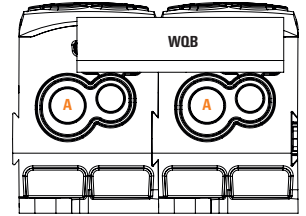
output



input



output



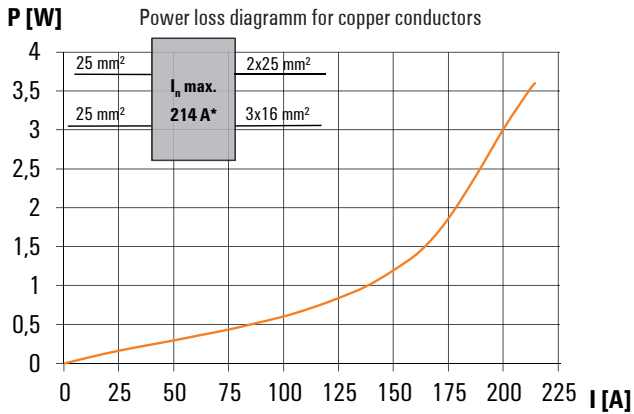
input

Output	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
25 mm ²	2 Nm	2 Nm	5,1 Nm	2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm	2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm	
16 mm ²												
10 mm ²												
6 mm ²												
4 mm ²												
2.5 mm ²												
1.5 mm ²												
Stripping lengths	12 mm				14 mm				19 mm			
Allen screw	M6				M6				M6			
* Values according to UL 1059												



















B

WPD 105



Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)		XCFR2.E60693			
		connection point A			
Input (line)	Copper		Aluminium		
					
AWG 2	31 Lb In.	31 Lb In.	100 Lb In.	100 Lb In.	
AWG 4					
AWG 6					
AWG 8					
AWG 10					
AWG 12					
max. current	115 A	85 A	90 A	65 A	
Voltage size B,C (UR)	600 V				

output (load)	connection point 1/2/3				connection point 4/5				connection point B				
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium		
													
AWG 4	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	22.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	50 A	
AWG 6													
AWG 8													
AWG 10													
AWG 12													
AWG 14													
AWG 16													
max. current	65 A	50 A	50 A	85 A	65 A	65 A	50 A	65 A	50 A	50 A	50 A		
Voltage size B,C (UR)	600 V												

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped

CSA Rating data according to CSA 22.2 No. 158

Certificate No. (CSA)		269832				
	Input		Output			
	CP* A	CP* 1/2/3	CP* 4/5	CP*B		
AWG 4	31 Lb In.	22.1 Lb In.	22.1 Lb In.	22.1 Lb In.		
AWG 4						
AWG 6						
AWG 8						
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	115 A	85 A	85 A	85 A		
Voltage size C (CSA)	600 V					

* CP - connection point



Power distribution
Screw connection

W-Series
WPD 106 1X70/2X25+3X16



WPD 106 70 mm²



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

39.5 / 50.4 / 70	
192 / 70	
1,5...70	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	70 mm ² mm ²
Short Circuit Current Rating (SCCR)	
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
215	175	175	160
70	AWG 16...2/0	AWG 16...2/0	70

Ex II 2 GD
Ex eb IIC Gb

200 kA
8 kV / 3
III / V-0

CE ENEC ETL CUL UK Ex CNEX 16 ATEX0005U

Clamped conductors (H05V/H07V)	
Solid / Stranded	70 mm ² mm ²
	25 mm ² mm ²
	16 mm ² mm ²
Flexible with ferrule	70 mm ² mm ²
	25 mm ² mm ²
	16 mm ² mm ²
Stripping length / Blade size	70 mm ² mm/-
	25 mm ² mm/-
	16 mm ² mm/-
Tightening torque	Nm

Rated connection	
10...70 / 10...70	
2.5...25 / 2.5...25	
1.5...16 / 1.5...16	
6...50	
1.5...16	
1.5...10	
19 / M8	
14 / M6	
12 / M6	

see appendix at the end of the chapter

Note

Ordering data

Version	
	grey
	blue
	red
	black

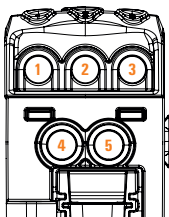
Note

Type	Qty.	Order No.
WPD 106 1X70/2X25+3X16 GY	1	1562210000
WPD 106 1X70/2X25+3X16 BL	1	2518570000
WPD 106 1X70/2X25+3X16 RD	1	2725340000
WPD 106 1X70/2X25+3X16 BK	1	2725440000

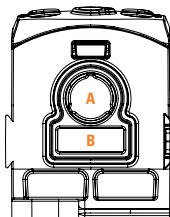
Accessories

Cross connection	
	2-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

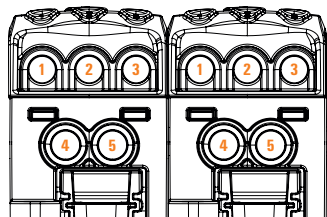
Type	Qty.	Order No.
WQB WPD X06/2	20	1561940000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



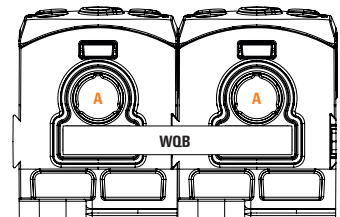
output



input



output

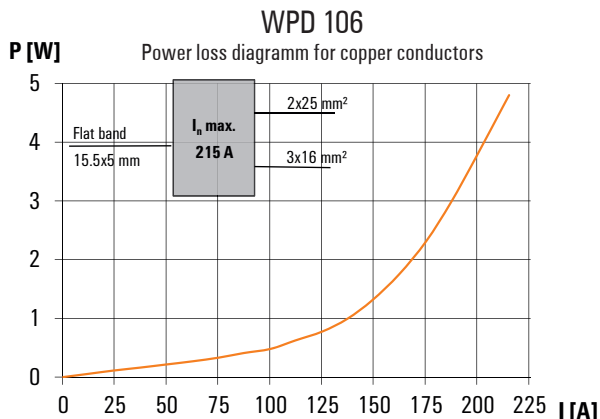


input

Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A				CP** B Copper
	Copper		Aluminium*		
70 mm ²	10 Nm	10 Nm	13,6 Nm	13,6 Nm	
50 mm ²					
35 mm ²					
25 mm ²					
16 mm ²					
10 mm ²					
6 mm ²					
Flat band 15,5x5 mm					2 Nm
Stripping lengths	19 mm				17 mm
Allen screw	M8				M5

* Values according to UL 1059 ** CP - connection point



Output	connection point 1/2/3				connection point 4/5			
	Copper		Aluminium*		Copper		Aluminium*	
25 mm ²	2 Nm	2 Nm	5,1 Nm		2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm
16 mm ²								
10 mm ²								
6 mm ²								
4 mm ²								
2,5 mm ²								
1,5 mm ²								
Stripping lengths	12 mm				14 mm			
Allen screw	M6				M6			

* Values according to UL 1059



Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693				CP** B Copper
	connection point A				
AWG 2/0	88.5 Lb In.	88.5 Lb In.	120.4 Lb In.	100 Lb In.	
AWG 1/0					
AWG 2					
AWG 4					
AWG 6					
AWG 8					
AWG 10					17.4 Lb In.
Flat band 15.5x3.2 mm					
max. current	160 A	150 A	135 A	120 A	160 A
Voltage size B,C (UR)	600 V				

** CP - connection point

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832		
	Input	Output	
	CP* A	CP* 1/2/3	CP* 4/5
AWG 2/0	10 Nm.		
AWG 1/0			
AWG 2			
AWG 4			
AWG 6			
AWG 8			
AWG 10		2 Nm	2 Nm
AWG 12			
AWG 14			
AWG 16			
max. current	175 A	50 A	65 A
Voltage size C (CSA)	600 V		

* CP - connection point

output (load)	connection point 1/2/3				connection point 4/5			
	Copper		Aluminium		Copper		Aluminium	
AWG 4	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.		22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	45.1 Lb In.
AWG 6								
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16								
max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A
Voltage size B,C (UR)	600 V							



Power distribution
Screw connection

W-Series
WPD 107 1X95/2X35+8X25



WPD 107 95 mm²



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

51 / 54.5 / 73	
232 / 95	
1,5...95	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	95 mm ² mm ²
Short Circuit Current Rating (SCCR)	
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	440
270	200	200	232
95	AWG 14...3/0	AWG 14...3/0	95
200 kA			
8 kV / 3			
III / V-0			

Ex II 2 GD
Ex eb IIC Gb

Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
Flexible with ferrule	95 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
Stripping length / Blade size	95 mm ²	mm/-
	35 mm ²	mm/-
	25 mm ²	mm ²
Tightening torque		Nm

III / V-0
CNEX 16 ATEX0005U

Rated connection	
16...95 / 16...95	
4...35 / 4...35	
2.5...25 / 2.5...25	
10...70	
2.5...25	
1.5...16	
14 / M12	
12 / M8	
12 / M6	

see appendix at the end of the chapter

Ordering data

Version	
	grey
	blue
	red
	black

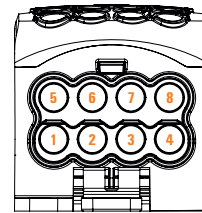
Type	Qty.	Order No.
WPD 107 1X95/2X35+8X25 GY	1	1562220000
WPD 107 1X95/2X35+8X25 BL	1	2521730000
WPD 107 1X95/2X35+8X25 RD	1	2725350000
WPD 107 1X95/2X35+8X25 BK	1	2725450000

Note

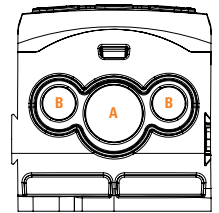
Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



output

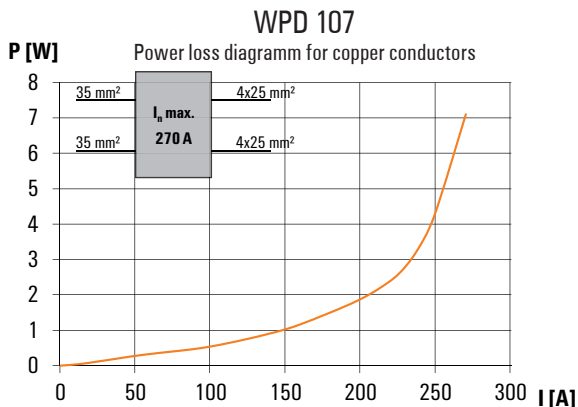


input

Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A			
	Copper		Aluminium*	
95 mm ²	14 Nm	14 Nm	22,6 Nm	22,6 Nm
70 mm ²				
50 mm ²				
35 mm ²				
25 mm ²				
16 mm ²				
10 mm ²				
Stripping lengths	14 mm			
Allen screw	M12			

* Values according to UL 1059



Output	connection point 1 - 8				connection point B			
	Copper		Aluminium*		Copper		Aluminium*	
35 mm ²	2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm	3,5 Nm	3,5 Nm	11,3 Nm	11,3 Nm
25 mm ²								
16 mm ²								
10 mm ²								
6 mm ²								
4 mm ²								
2.5 mm ²								
1.5 mm ²								
Stripping lengths	12 mm				12 mm			
Allen screw	M6				M8			

* Values according to UL 1059



Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693			
	connection point A			
Input (line)	Copper		Aluminium	
AWG 3/0	124 Lb In.	124 Lb In.	200 Lb In.	200 Lb In.
AWG 2/0				
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
max. current	200 A	175 A	155 A	130 A
Voltage size B,C (UR)	600 V			

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832		
	Input	Output	
	CP* A	CP* 1 - 8	CP* B
AWG 3/0	14 Nm.		
AWG 2/0			
AWG 1/0			
AWG 2			
AWG 4			
AWG 6			
AWG 8	2,5 Nm	6 Nm	
AWG 10			
AWG 12			
AWG 14			
max. current	200 A	85 A	115 A
Voltage size C (CSA)	600 V		

* CP - connection point

output (load)	connection point 1 - 8				connection point B			
	Copper		Aluminium		Copper		Aluminium	
AWG 2	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	31 Lb In.	31 Lb In.	100 Lb In.	100 Lb In.
AWG 4								
AWG 6								
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16								
max. current	85 A	65 A	65 A	50 A	115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V							



Power distribution
Screw connection

W-Series
WPD 108 1X120/2X35+3X25+4X16



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	120 mm ² mm ²
Short Circuit Current Rating (SCCR)	
Rated impulse withstand voltage / Pollution severity	
Overtoltage category / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / Stranded	120 mm ² mm ²
	35 mm ² mm ²
	25 mm ² mm ²
Flexible with ferrule	16 mm ² mm ²
	120 mm ² mm ²
	35 mm ² mm ²
	25 mm ² mm ²
Stripping length / Blade size	16 mm ² mm ²
	120 mm ² mm/-
	35 mm ² mm/-
	25 mm ² mm ²
Tightening torque	16 mm ² mm ²
	Nm

Note

Ordering data

Version	Color
	grey
	blue
	red
	black

Note

Accessories

Cross connection	
	2-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

WPD 108

120 mm²



51.1 / 77 / 95	16 mm ²	25 mm ²	35 mm ²	24 x 10	120 mm ²
269 / 120					
1,5...120					

IEC 60947-7-1

Ex II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	600	600	880
400	255	255	250
120	AWG 16...250 kcmil	AWG 16...250 kcmil	120
200 kA			
8 kV / 3			
III / V-0			

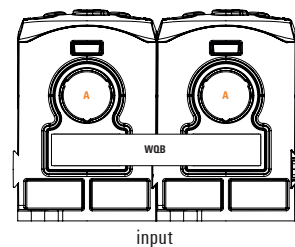
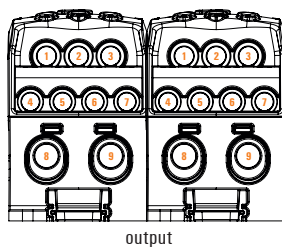
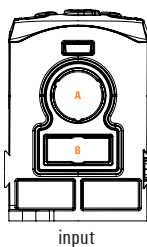
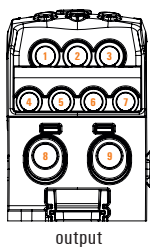
CE, Ex, RoHS, ATEX, CNEX 16 ATEX0005U

Rated connection	
35...120 / 35...120	
4...35 / 4...35	
2.5...25 / 2.5...25	
1.5...16 / 1.5...16	
25...95	
2.5...25	
1.5...16	
1.5...10	
27 / M14	
18 / M8	
12 / M6	
12 / M6	

see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 108 1X120/2X35+3X25+4X16 GY	1	1562100000
WPD 108 1X120/2X35+3X25+4X16 BL	1	2519480000
WPD 108 1X120/2X35+3X25+4X16 RD	1	2725280000
WPD 108 1X120/2X35+3X25+4X16 BK	1	2725380000

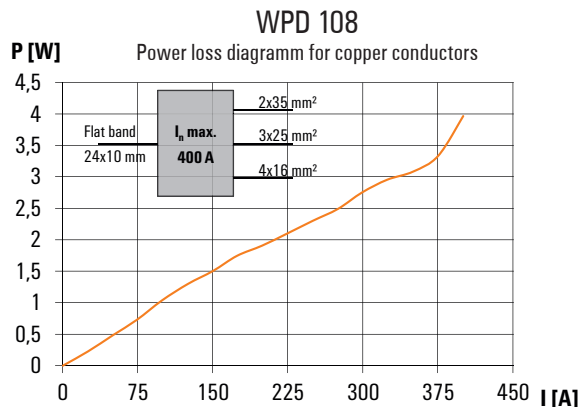
Type	Qty.	Order No.
WQB WPD X08-09/2	20	1561900000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



Conductor connection data according to IEC 60947-7-1 (Cu)

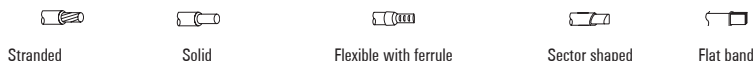
Input	connection point A				CP* B Copper
	Copper		Aluminium*		
120 mm ²	19 Nm	19 Nm	22,6 Nm	22,6 Nm	
95 mm ²					
70 mm ²					
50 mm ²					
35 mm ²					
25 mm ²					3 Nm
Flat band 24x10mm	27 mm				22 mm
Stripping lengths	M14				M6
Allen screw					

* Values according to UL 1059 ** CP - connection point



Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
35 mm ²	2 Nm	2 Nm	5,1 Nm	5,1 Nm	2 Nm	2 Nm	5,1 Nm	5,1 Nm	2,5 Nm	2,5 Nm	11,3 Nm	11,3 Nm
25 mm ²												
16 mm ²												
10 mm ²												
6 mm ²												
4 mm ²												
2.5 mm ²												
1.5 mm ²												
Stripping lengths	12 mm				12 mm				18 mm			
Allen screw	M6				M6				M8			

* Values according to UL 1059



Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693				CP* B Copper
	connection point A				
Input (line)	Copper		Aluminium		
kcmil 250	168.2 Lb In.	168.2 Lb In.	200 Lb In.	200 Lb In.	17.7 Lb In.
AWG 4/0					
AWG 3/0					
AWG 2/0					
AWG 1/0					
AWG 2					
AWG 4					
Flat band 24x10 mm	600 V				
max. current	250 A	200 A	155 A	205 A	250 A
Voltage size B,C (UR)					

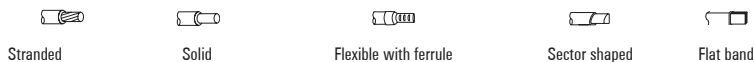
* CP - connection point

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input	Output		
	CP* A	CP* 1/2/3	CP* 4/5/6/7	CP* B
kcmil 250	19 Nm.	3 Nm	3 Nm	6 Nm
AWG 2	19 Nm			
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	255 A	85 A	65 A	115 A
Voltage size C (CSA)	600 V			

* CP - connection point

Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
AWG 2	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	45.1 Lb In.	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	45.1 Lb In.	53.1 Lb In.	53.1 Lb In.	100 Lb In.	100 Lb In.
AWG 4												
AWG 6												
AWG 8												
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	85 A	65 A	65 A	50 A	65 A	50 A	50 A	50 A	115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V											



Power distribution
Screw connection

W-Series
WPD 109 1X185/2X35+3X25+4X16



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	185 mm ² mm ²

Short Circuit Current Rating (SCCR)
Rated impulse withstand voltage / Pollution severity
Overvoltage category / UL 94 flammability rating
Approvals

Clamped conductors (H05V/H07V)	
Solid / Stranded	185 mm ² mm ²
	35 mm ² mm ²
	25 mm ² mm ²
	16 mm ² mm ²
Flexible with ferrule	185 mm ² mm ²
	35 mm ² mm ²
	25 mm ² mm ²
	16 mm ² mm ²
Stripping length / Blade size	185 mm ² mm/-
	35 mm ² mm/-
	25 mm ² mm ²
	16 mm ² mm ²
Tightening torque	Nm

Note

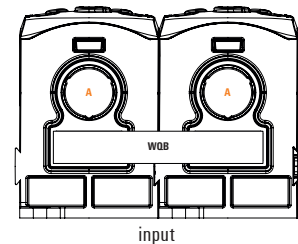
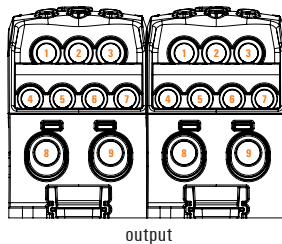
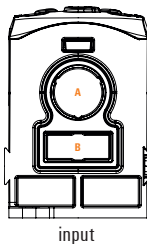
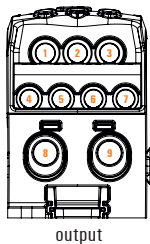
Ordering data

Version	
	grey
	blue
	red
	black

Note

Accessories

Cross connection	2-pole
End bracket	dark beige
	dark beige
Screwdriver	SET



WPD 109

185 mm²



55.1 / 77 / 95	16 mm ²	24 x 10
353 / 185	25 mm ²	35 mm ²
1.5...185		185 mm ²

IEC 60947-1

Ex II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	600	600	880
490	310	310	353
185	AWG 16...350	AWG 16...350	185
	kcmil	kcmil	

200 kA
8 kV / 3
III / V-0

CE ENEC ERI CC RUL UK Ex CNEC 16 ATEX0005U

Bemessungsanschluss	
70...185 / 70...185	
4...35 / 4...35	
2.5...25 / 2.5...25	
1.5...16 / 1.5...16	
50...150	
2.5...25	
1.5...16	
1.5...10	
27 / M14	
18 / M8	
12 / M6	
12 / M6	
siehe Anhang am Kapitelende	

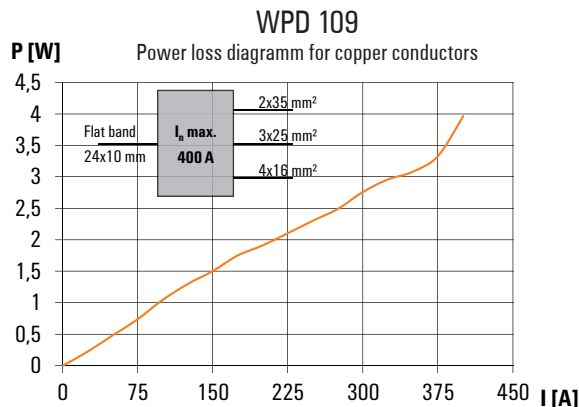
Type	Qty.	Order No.
WPD 109 1X185/2X35+3X25+4X16 GY	1	1562090000
WPD 109 1X185/2X35+3X25+4X16 BL	1	2519490000
WPD 109 1X185/2X35+3X25+4X16 RD	1	2725270000
WPD 109 1X185/2X35+3X25+4X16 BK	1	2725370000

Type	Qty.	Order No.
WQB WPD X08-09/2	20	1561900000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

Conductor connection data according to IEC 60947-7-1 (Cu)

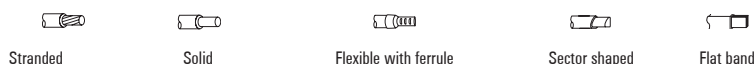
Input	connection point A				CP* B Copper
	Copper		Aluminium*		
185 mm ²	19 Nm	19 Nm	22,6 Nm	22,6 Nm	
150 mm ²					
120 mm ²					
95 mm ²					
70 mm ²					
50 mm ²					3 Nm
Flat band 24x10mm	27 mm				22 mm
Stripping lengths	M14				M6
Allen screw					

* Values according to UL 1059 ** CP - connection point



Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
35 mm ²	2 Nm	2 Nm	5,1 Nm	5,1 Nm	2 Nm	2 Nm	5,1 Nm	2,5 Nm	2,5 Nm	11,3 Nm	11,3 Nm	
25 mm ²												
16 mm ²												
10 mm ²												
6 mm ²												
4 mm ²												
2.5 mm ²												
1.5 mm ²												
Stripping lengths	12 mm				12 mm				18 mm			
Allen screw	M6				M6				M8			

* Values according to UL 1059



Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693				CP* B Copper
	connection point A				
Input (line)	Copper		Aluminium		
kcmil 350	249.6 Lb In.	249.6 Lb In.	398.3 Lb In.	398.3 Lb In.	
kcmil 300					
kcmil 250					
AWG 4/0					
AWG 3/0					
AWG 2/0					17.7 Lb In.
AWG 1/0					
Flat band 24x10 mm	600 V				
max. current	310 A	285 A	250 A	230 A	250 A
Voltage size B,C (UR)					

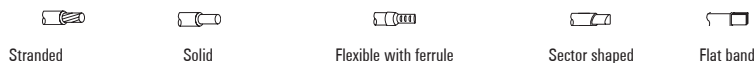
* CP - connection point

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input		Output	
	CP* A	CP* 1/2/3	CP* 4/5/6/7	CP* B
kcmil 250	19 Nm.			
...				
AWG 2/0	19 Nm			
AWG 2		2Nm	2 Nm	3 Nm
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	255 A	85 A	65 A	115 A
Voltage size C (CSA)	600 V			

* CP - connection point

Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
AWG 2	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	45.1 Lb In.	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	53.1 Lb In.	53.1 Lb In.	100 Lb In.	100 Lb In.	
AWG 4												
AWG 6												
AWG 8												
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	85 A	65 A	65 A	50 A	65 A	50 A	50 A	115 A	85 A	90 A	65 A	
Voltage size B,C (UR)	600 V											



Power distribution
Screw connection

W-Series
WPD 111 1X95/4X35



WPD 111

95 mm²



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

36.6 / 69.4 / 105	
232 / 95	
2.5...95	

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	95 mm ²	mm ²
Short Circuit Current Rating (SCCR)		
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm ²	mm ²
	35 mm ²	mm ²
Flexible with ferrule	95 mm ²	mm ²
	35 mm ²	mm ²
Stripping length / Blade size	95 mm ²	mm/-
	35 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
232	230		
95	AWG 12...4/0		
200 kA			
8 kV / 3			
III / V-0			
Bemessungsanschluss			
16...95 / 16...95			
4...35 / 4...35			
10...70			
2.5...25			
21 / M12			
16 / M8			
see appendix at the end of the chapter			



Ordering data

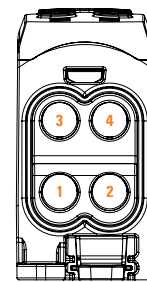
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 111 1X95/4X35 GY	1	2603790000
WPD 111 1X95/4X35 BL	1	2603800000
WPD 111 1X95/4X35 RD	1	2730310000
WPD 111 1X95/4X35 BK	1	2730320000

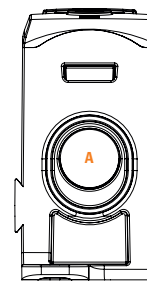
Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000







output








input











Conductor connection data according to IEC 60947-1 (Cu)









connection point A		connection point A	
Input	Copper	Output	Copper
1x 95 mm ²	 	1x 35 mm ²	 
95 mm ²	14 Nm	35 mm ²	6 Nm
70 mm ²		25 mm ²	
50 mm ²		16 mm ²	
35 mm ²		10 mm ²	
25 mm ²		6 mm ²	
16 mm ²		4 mm ²	
10 mm ²		2,5 mm ²	
Stripping lengths	21 mm	Stripping lengths	16 mm
Allen screw	M12	Allen screw	M8

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped
  Flat band

Conductor connection data according to 1059 (Al+Cu)

Certificate no. (UR) XCFR2.E60693

Input (line)	connection point A			
	Copper		Aluminium	
	 	 	 	 
AWG 4/0	200 Lb In.	200 Lb In.	200 Lb In.	200 Lb In.
AWG 3/0				
AWG 2/0				
AWG 1/0				
AWG 1				
AWG 2				
AWG 3				
AWG 4				
AWG 6				
AWG 8				
max. current	230 A	200 A	180 A	155 A
Voltage size B,C (UR)	1000 V			

Output	connection point 1 / 2 / 3 / 4			
	Copper		Aluminium	
	 	 	 	 
AWG 2	124.8 Lb In.	124.8 Lb In.	124.8 Lb In.	124.8 Lb In.
AWG 3				
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
max. current	115 A	100 A	90 A	75 A
Voltage size B,C (UR)	1000 V			



Power distribution
Screw connection

W-Series
WPD 113 1X185+1X150/8X35



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	185 mm ² mm ²
Short Circuit Current Rating (SCCR)	
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / Stranded	185 mm ² mm ²
	150 mm ² mm ²
	35 mm ² mm ²
Flexible with ferrule	185 mm ² mm ²
	150 mm ² mm ²
	35 mm ² mm ²
Stripping length / Blade size	185 mm ² mm/-
	150 mm ² mm/-
	35 mm ² mm/-
Tightening torque	Nm

Note

Ordering data

Version	
	grey
	blue
	red
	black

Note

Accessories

End bracket	
	dark beige
	dark beige

Screwdriver	
	SET

WPD 113

185 mm²



62.6 / 80.3 / 126.3	35 mm ²	150 mm ²	185 mm ²
353 / 185			
2.5...185			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
353	310		
185	AWG 12...350 kcmil		
	200 kA		
	8 kV / 3		
	III / V-0		

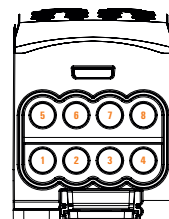


Rated connection	
	90...185
	90...150
	4...35 / 4...35
	50...150
	50...120 / 50...120
	2.5...25
	33 / M16
	28 / M16
	16 / M8
	siehe Anhang am Kapitelende

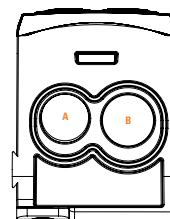
Note

Type	Qty.	Order No.
WPD 113 1X185+1X150/8X35 GY	1	2603740000
WPD 113 1X185+1X150/8X35 BL	1	2603750000
WPD 113 1X185+1X150/8X35 RD	1	2730350000
WPD 113 1X185+1X150/8X35 BK	1	2730360000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000









output




input









Conductor connection data according to IEC 60947-1 (Cu)





Input	connection point A		connection point B	
	Copper		Copper	
				
185 mm ²	25 Nm	25 Nm	25 Nm	25 Nm
150 mm ²				
120 mm ²				
95 mm ²				
70 mm ²				
50 mm ²				
Stripping lengths	33 mm		28 mm	
Allen screw	M16		M16	

Output	connection point 1-8	
	Copper	
		
35 mm ²	6 Nm	6 Nm
25 mm ²		
16 mm ²		
10 mm ²		
6 mm ²		
4 mm ²		
2,5 mm ²		
Stripping lengths	16 mm	
Allen screw	M8	

 Mehrdrätig
 Eindrätig
 Feindrätig mit Aderendhülse

Conductor connection data according to UL 1059 (Al+Cu)

Input (line)	connection point A				connection point B			
	Copper		Aluminium		Copper		Aluminium	
								
350 kcmil	249.6 Lb In.	249.6 Lb In.	398.3 Lb In.	398.3 Lb In.	249.6 Lb In.	249.6 Lb In.	398.3 Lb In.	398.3 Lb In.
300 kcmil								
250 kcmil								
AWG 4/0								
AWG 3/0								
AWG 2/0								
AWG 1/0								
max. current	310 A	285 A	250 A	230 A	285 A	255 A	230 A	205 A
Voltage size B,C (UR)	1000 V				1000 V			

Output	connection point 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8			
	Copper		Aluminium	
				
AWG 2	124.8 Lb In.	124.8 Lb In.	124.8 Lb In.	124.8 Lb In.
AWG 3				
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
max. current	115 A	100 A	90 A	75 A
Voltage size B,C (UR)	1000 V			

 Stranded
 Solid
 Flexible with ferrule



Socket wides - overview WPD

	WPD 104	WPD 105	WPD 106	WPD 107	WPD 108	WPD109
Inputs						
Main connection point ["A"]	SW 3 (M6x10)	SW 4 (M8x12)	SW 5 (M10x1x12)	SW 6 (M12x16)	SW 6 (M14x1.5x18)	SW 6 (M14x1.5x18)
Second connection point / cross connection ["B"]	Pozi 2 (M6x11)	Pozi 2 (M6x11)				
Connection input or output with 2 x 35mm ²				SW 4 (M8x12)		
Ribbon cable connection 15.5 x 5 mm			SW 4 (M5x20)			
Ribbon cable connection 24 x 10 mm					SW 5 (M6x30)	SW 5 (M6x30)
Outputs						
2 x 16 mm ²	SW 3 (M6x8)					
3 x 10 mm ²	SW 2.5 (M5x8)					
2 x 25 mm ²		SW 3 (M6x10)	SW 3 (M6x8)			
3 x 16 mm ²		SW 3 (M6x8)	SW 3 (M6x8)			
8 x 25 mm ²				SW 3 (M6x10)		
2 x 35 mm ²					SW 4 (M8x10)	SW 4 (M8x10)
3 x 25 mm ²					SW 3 (M6x8)	SW 3 (M6x8)
4 x 16 mm ²					SW 3 (M6x8)	SW 3 (M6x8)

	WPD 111	WPD 113
Inputs		
Main connection point ["A"]	SW 6 (M12)	M16
Second connection point / cross connection ["B"]		M16
Connection input or output with 2 x 35mm ²		
Ribbon cable connection 15.5 x 5 mm		
Outputs		
35 mm ³	SW 4 (M8)	M8
25 mm ²	SW 4 (M8)	M8
16 mm ²	SW 4 (M8)	M8
10 mm ²	SW 4 (M8)	M8
6 mm ²	SW 4 (M8)	M8
4 mm ²	SW 4 (M8)	M8
2,5 mm ²	SW 4 (M8)	M8

	WPD 130	WPD 230	WPD 330	WPD 131	WPD 231	WPD 132	WPD 232	WPD 133	WPD 233
Inputs									
1 x 50 mm ²	SW 5 (M10x1.25)								
2 x 50 mm ²		SW 5 (M10x1.25)							
3 x 50 mm ²			SW 5 (M10x1.25)						
1 x 95 mm ²				SW 6 (M14x1.5)					
2 x 95 mm ²					SW 6 (M14x1.5)				
1 x 185 mm ²						SW 10 (M18x2)			
2 x 185 mm ²							SW 10 (M18x2)		
1 x 300 mm ²								SW 12 (M24x2)	
2 x 300 mm ²									SW 12 (M24x2)
Outputs									
1 x 50 mm ²	SW 5 (M10x1.25)								
2 x 50 mm ²		SW 5 (M10x1.25)							
3 x 50 mm ²			SW 5 (M10x1.25)						
1 x 95 mm ²				SW 6 (M14x1.5)					
2 x 95 mm ²					SW 6 (M14x1.5)				
1 x 185 mm ²						SW 10 (M18x2)			
2 x 185 mm ²							SW 10 (M18x2)		
1 x 300 mm ²								SW 12 (M24x2)	
2 x 300 mm ²									SW 12 (M24x2)

	WPD 101	WPD 301	WPD 401	WPD 501	WPD 102	WPD 202	WPD 302	WPD 103
Inputs								
1 x 16 mm ²	cross recess+/- G2 (M6)							
1 x 25 mm ²	cross recess+/- G2 (M6)				cross recess+/- G2 (M6)			
2 x 25 mm ²						cross recess+/- G2 (M6)		
3 x 16 mm ²		cross recess+/- G2 (M6)						
3 x 25 mm ²		cross recess+/- G2 (M6)					cross recess+/- G2 (M6)	
4 x 16 mm ²			cross recess+/- G2 (M6)					
4 x 25 mm ²			cross recess+/- G2 (M6)					
5 x 16 mm ²				cross recess+/- G2 (M6)				
5 x 25 mm ²				cross recess+/- G2 (M6)				
1 x 35 mm ²					cross recess+/- G2 (M8)			
2 x 35 mm ²						cross recess+/- G2 (M8)		
3 x 35 mm ²							cross recess+/- G2 (M8)	
1 x 50 mm ²								hexagonal recess SW4 (M8)
1 x 70 mm ²								hexagonal recess SW4 (M10)
Outputs								
1 x 16 mm ²	cross recess+/- G2 (M6)							
1 x 25 mm ²	cross recess+/- G2 (M6)				cross recess+/- G2 (M6)			
2 x 25 mm ²						cross recess+/- G2 (M6)		
3 x 16 mm ²		cross recess+/- G2 (M6)						
3 x 25 mm ²		cross recess+/- G2 (M6)					cross recess+/- G2 (M6)	
4 x 16 mm ²			cross recess+/- G2 (M6)					
4 x 25 mm ²			cross recess+/- G2 (M6)					
5 x 16 mm ²				cross recess+/- G2 (M6)				
5 x 25 mm ²				cross recess+/- G2 (M6)				
1 x 35 mm ²					cross recess+/- G2 (M8)			
2 x 35 mm ²						cross recess+/- G2 (M8)		
3 x 35 mm ²							cross recess+/- G2 (M8)	
1 x 50 mm ²								hexagonal recess SW4 (M8)
1 x 70 mm ²								hexagonal recess SW4 (M10)



Conductor connection data WPD

Application range

Type	Input side										
	input cross section	Copper					Aluminium				
		solid	stranded	Finely stranded with wire end ferrule	flat band	Tightening Torque	solid	stranded	flexible with ferrule	sector shape	Tightening Torque
WPD 130/230/330		35-50 mm ²	35-50 mm ²	35 mm ²		10 Nm	35-50 mm ²	35-50 mm ²		35-50 mm ²	14 Nm
		16-25 mm ²	16-25 mm ²	16-25 mm ²		8 Nm	25 mm ²	25 mm ²			12 Nm
		2.5-10 mm ²	2.5-10 mm ²	2.5-10 mm ²		6 Nm	16mm ²	16 mm ²		16 - 25 mm ²	10 Nm
WPD 131/231		35-95 mm ²	35-95 mm ²	35-70 mm ²		19 Nm	16-95 mm ²	16-95 mm ²		16-95 mm ²	22.6 Nm
		10-25 mm ²	10-25 mm ²	10-25 mm ²		14 Nm					
WPD 132/232					10 x 15.5 x 8 mm	30.9 Nm	95-185 mm ²	95-185 mm ²		95-185 mm ²	30.9 Nm
		95-185 mm ²	95-185 mm ²	95-150 mm ²		25 Nm					
				25-70 mm ²		20 Nm					
WPD 133/233					10 x 20 x 1mm	65 Nm	150-300 mm ²	150-300 mm ²		150-300 mm ²	65 Nm
		150-300 mm ²	150-300 mm ²	150-240 mm ²		45 Nm					
				35-95 mm ²		30 Nm					
WPD x01	2 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²		3.5 Nm	16-25 mm ²	16-25 mm ²			4 Nm
	2 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²		2.5 Nm	25 mm ²	25 mm ²			4 Nm
WPD x02		4-35 mm ²	4-35 mm ²	2.5-25 mm ²		3.5 Nm	35 mm ²	35 mm ²			8 Nm
	2 x 35 mm ²						25 mm ²	25 mm ²			6 Nm
							16 mm ²	16 mm ²			4 Nm
	2 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	2.5-16 mm ²		3.5 Nm	25 mm ²	25 mm ²			6 Nm
WPD x03							16 mm ²	16 mm ²			4 Nm
	2 x 70 mm ²	10-70 mm ²	10-70 mm ²	6-50 mm ²		10 Nm	17mm ²	17mm ²			18 Nm
							50 mm ²	50 mm ²			10 Nm
							35 mm ²	35 mm ²			8 Nm
							25 mm ²	25 mm ²			6 Nm
	2 x 50 mm ²						16 mm ²	16 mm ²			4 Nm
		6-50 mm ²	6-50 mm ²	4-35 mm ²		6 Nm	50 mm ²	50 mm ²			10 Nm
							35 mm ²	35 mm ²			8 Nm
						25 mm ²	25 mm ²			6 Nm	
WPD x04	1 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²		2.5 Nm	16-25 mm ²	16-25 mm ²	16mm ²	16-25 mm ²	5.1 Nm
	1 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²		2.5 Nm	10 mm ²	10 mm ²		10 mm ²	5.1 Nm
WPD x05	1x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²		3.5 Nm	25-35 mm ²	25-35 mm ²	25mm ²	25-35 mm ²	11.3 Nm
	1 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²		2.5 Nm	10 mm ²	10 mm ²		10 mm ²	5.1 Nm
WPD x06	1 x 70 mm ²	10-70 mm ²	10-70 mm ²	6-50 mm ²		10 Nm	10-70 mm ²	10-70 mm ²	10-50 mm ²	10-70 mm ²	13.6 Nm
	15.5 x 5 mm				15.5 x 5 mm	2 Nm					
WPD x07	1 x 95 mm ²	16-95 mm ²	16-95 mm ²	10-70 mm ²		14 Nm	16-95 mm ²	16-95 mm ²	16-70 mm ²	16-95 mm ²	22.6 Nm
	2 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²		3.5 Nm	16-35 mm ²	16-35 mm ²	16-25 mm ²	16-35 mm ²	11.3 Nm
WPD x08	1 x 120 mm ²	35-120 mm ²	35-120 mm ²	25-95 mm ²		19Nm	35-120 mm ²	35-120 mm ²	35-95 mm ²	35-120 mm ²	22.6 Nm
	24 x 10 mm				24 x 10 mm	3 Nm					
WPD x09	1x 185 mm ²	70-185 mm ²	70-185 mm ²	50-150 mm ²		19 Nm	70-185 mm ²	70-185 mm ²	70-150 mm ²	70-185 mm ²	22.6 Nm
	24 x 10 mm				24 x 10 mm	3 Nm					
WPD 111	1 x 95 mm ²	16-95 mm ²	16-95 mm ²	10-70 mm ²		14 Nm					
WPD 113	1 x 185 mm ²	95-185 mm ²	95-185 mm ²	70-150 mm ²		25 Nm					
	1 x 150 mm ²	70-150 mm ²	70-150 mm ²	50-120 mm ²		25 Nm					

B



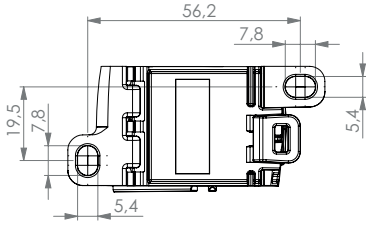
Output side										Auxiliary connection			
output cross section	Copper				Aluminium					solid	stranded	Finely stranded with wire end ferrule	Tightening Torque
	solid	stranded	Finely stranded with wire end ferrule	Tightening Torque	solid	stranded	Finely stranded with wire end ferrule	sector shape	Tightening Torque				
	35-50 mm ²	35-50 mm ²	35 mm ²	10 Nm	35-50 mm ²	35-50 mm ²		35-50 mm ²	14 Nm				
	16 - 25 mm ²	16 - 25 mm ²	16 - 25 mm ²	8 Nm	25 mm ²	25 mm ²			12 Nm				
	6 - 10 mm ²	6 - 10 mm ²	4 - 10 mm ²	6 Nm	16mm ²	16 mm ²		16 - 25 mm ²	10 Nm				
	35-95 mm ²	35-95 mm ²	35-70 mm ²	19 Nm	16-95 mm ²	16-95 mm ²		16-95 mm ²	22.6 Nm	1.5-10 mm ²	1.5-10 mm ²	1.5-6 mm ²	1.2 Nm
	10-25 mm ²	10-25 mm ²	10-25 mm ²	14 Nm									
	95-185 mm ²	95-185 mm ²	95-150 mm ²	25 Nm	95-185 mm ²	95-185 mm ²		95-185 mm ²	30.9 Nm	1.5-10 mm ²	1.5-10 mm ²	1.5-6 mm ²	1.2 Nm
			25-70 mm ²	20 Nm									
	150-300 mm ²	150-300 mm ²	150-240 mm ²	45 Nm	150-300 mm ²	150-300 mm ²		150-300 mm ²	65 Nm	1.5-10 mm ²	1.5-10 mm ²	1.5-6 mm ²	1.2 Nm
			35-95 mm ²	30 Nm									
2 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	3.5 Nm	16-25 mm ²	16-25 mm ²			4 Nm				
2 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2.5 Nm	2.5 Nm	25 mm ²			4 Nm				
2 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	3.5 Nm	35 mm ²	35 mm ²			8 Nm				
					25 mm ²	25 mm ²			6 Nm				
2 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	2.5-16 mm ²	3.5 Nm	16 mm ²	16 mm ²			4 Nm				
					25 mm ²	25 mm ²			6 Nm				
2 x 70 mm ²	10-70 mm ²	10-70 mm ²	6-50 mm ²	10 Nm	17mm ²	17mm ²			18 Nm				
					50 mm ²	50 mm ²			10 Nm				
					35 mm ²	35 mm ²			8 Nm				
					25 mm ²	25 mm ²			6 Nm				
2 x 50 mm ²	6-50 mm ²	6-50 mm ²	4-35 mm ²	6 Nm	16 mm ²	16 mm ²			4 Nm				
					50 mm ²	50 mm ²			10 Nm				
					35 mm ²	35 mm ²			8 Nm				
					25 mm ²	25 mm ²			6 Nm				
2 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2.5 Nm	10-16 mm ²	10-16 mm ²	10 mm ²	10-16 mm ²	5.1 Nm				
					10 mm ²	10 mm ²			5.1 Nm				
					10-16 mm ²	10-16 mm ²	10 mm ²	10-16 mm ²	5.1 Nm				
					10 mm ²	10 mm ²			5.1 Nm				
2 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2.5 Nm	10-16 mm ²	10-16 mm ²	10 mm ²	10-16 mm ²	5.1 Nm				
					10 mm ²	10 mm ²			5.1 Nm				
					10-16 mm ²	10-16 mm ²	10 mm ²	10-16 mm ²	5.1 Nm				
					10 mm ²	10 mm ²			5.1 Nm				
8 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2.5 Nm	16-25 mm ²	16-25 mm ²	16 mm ²	16-25 mm ²	5.1 Nm				
2 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	2.5 Nm	16-35 mm ²	16-35 mm ²	16-25 mm ²	16-35 mm ²	11.3 Nm				
4 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2 Nm	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	1.5-16 mm ²	5.1 Nm				
3 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2 Nm	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2.5-25 mm ²	5.1 Nm				
2 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	2.5 Nm	16-35 mm ²	16-35 mm ²	16-25 mm ²	16-35 mm ²	11.3 Nm				
4 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2 Nm	16 mm ²	16 mm ²		16 mm ²	5.1 Nm				
3 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2 Nm	16-25 mm ²	16-25 mm ²	16 mm ²	16-25 mm ²	5.1 Nm				
4 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	6 Nm					4 Nm				
8 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	6 Nm									



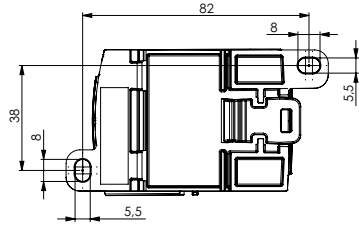
Power distribution / Power feed-in
Screw connection

Mounting

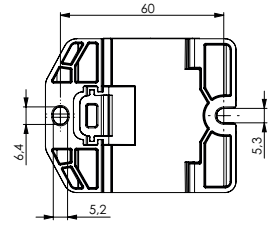
WPD 104



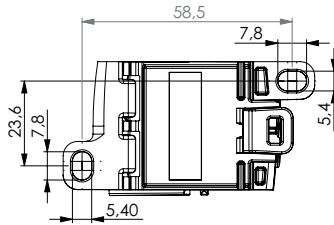
WPD 109



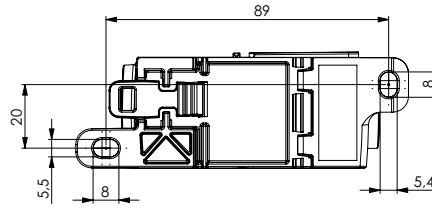
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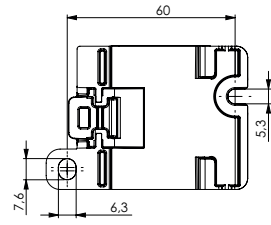
WPD 105



WPD 111

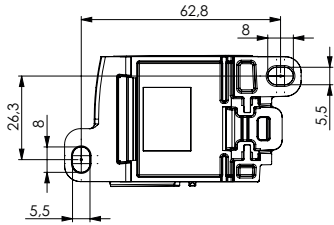


WPD 330CC

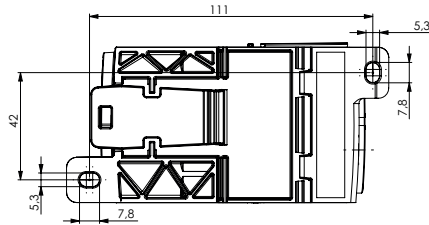


B

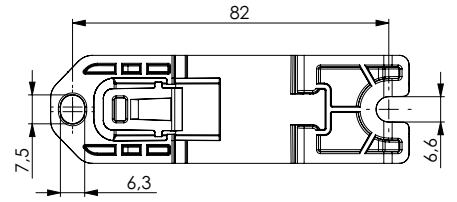
WPD 106



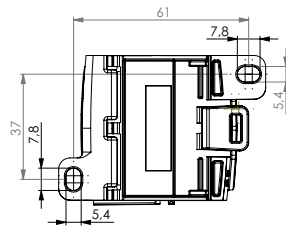
WPD 113



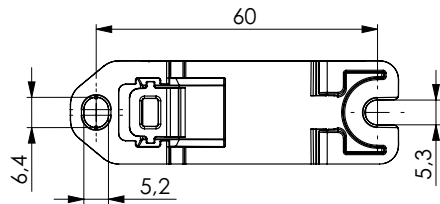
WPD 131



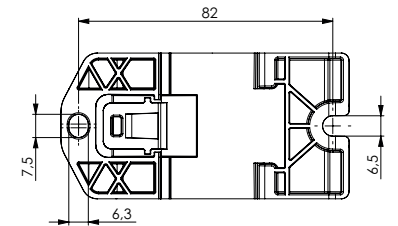
WPD 107



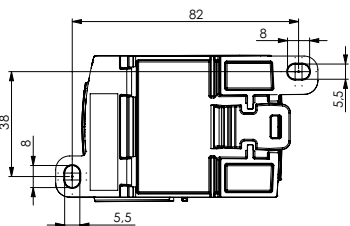
WPD 130



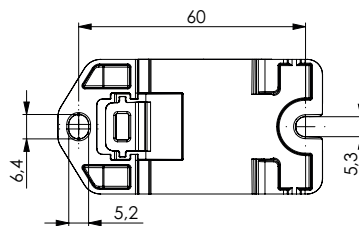
WPD 231



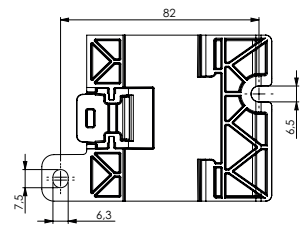
WPD 108



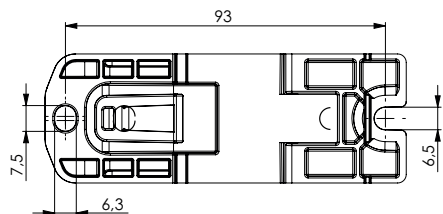
WPD 230



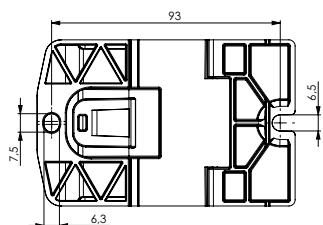
WPD 331CC



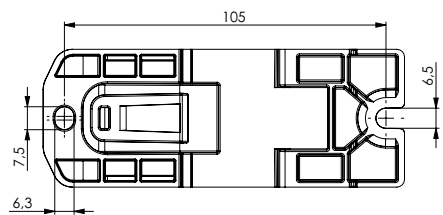
WPD 132



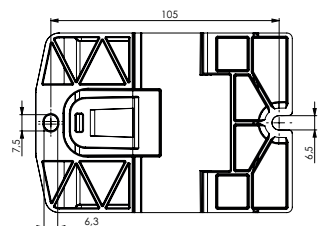
WPD 232



WPD 133



WPD 233





Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test plug	
Screwdriver	Standard
Marking tags	

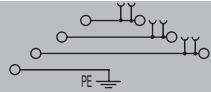
For detailed information on other accessories and application in the online catalogue

AMC 2.5

2.5 mm²



5.1 x 107.5 x 88
22 / 2.5
0.14...2.5



DIN EN 60947-7-1, DIN EN 60947-7-2			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
690	150	150	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
AMC 2.5	50	2434340000
Note		

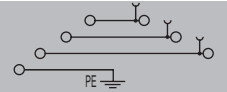
Type	Qty.	Order No.
ZVQ 2.5N/2	24 A 60	1527540000
ZVQ 2.5N/10	24 A 20	1527690000
ZVQ 2.5/1.5	24 A 50	1720700000
AEP MC 2.5	25	2433820000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

AMC 2.5 800 V

2.5 mm²



6.1 x 107.5 x 88
22 / 2.5
0.14...2.5



DIN EN 60947-7-1, DIN EN 60947-7-2			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	600	600	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
AMC 2.5 800V	50	2434370000
Note		

Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

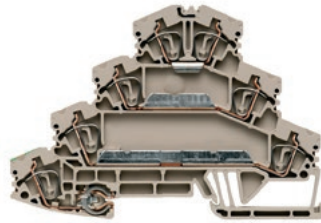
For detailed information on other accessories and application in the online catalogue



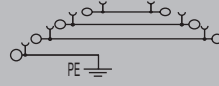
ZMAK 2.5

2.5 mm²

Motor-supply terminal



5.1 x 102 x 69.5
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
24	25	25	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

CE UK KEUR RUK CA

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

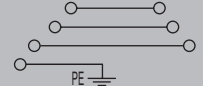
ZMAK 2.5 690 V

2.5 mm²

Motor-supply terminal



6.1 x 102 x 69.5
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
690	300		
24	25		
2.5	AWG 26...12		
6 kV / 3			
A3 / V-0			

CE UK KEUR RUK CA

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Test adapter	Standard
Marking tags	

Type	Qty.	Order No.
ZMAK 2.5	25	1768000000

Type	Qty.	Order No.	
ZAP ZMAK2.5	10	1768010000	
ZEW 35	20	9540000000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
ZRH 1.5H/1	1000	1678810000	
ZRH 1.5H/2	1000	1678800000	
ZTA 1	9 A	25	1609040000
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/5 MC NE WS	720	1609860000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	

Type	Qty.	Order No.
ZMAK 2.5 690V	25	1027550000
The ZMAK 2.5 690 V with pre-assembled end plate and a width of 6.1 mm.		

Type	Qty.	Order No.
ZAP ZMAK2.5	10	1768010000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue

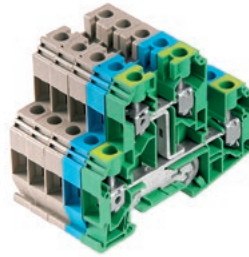


Power distribution
Screw connection

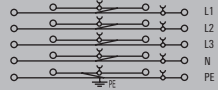


WDK 10 SET LS

10 mm²

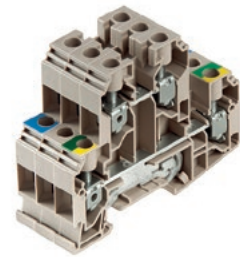


49.5 x 85 x 69
70 / 16
1.5...16

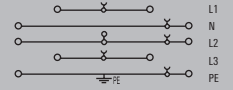


WDK 10 SET BCD

10 mm²



29.7 x 85 x 69
70 / 16
1.5...16



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			

CE	
Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	
Note	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			

CE	
Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	
Note	

Ordering data

Version	
	dark beige with PE foot
	dark beige / green / yellow
Note	

Type	Qty.	Order No.
WDK 10 SET LS	1	1415530000
Note		

Type	Qty.	Order No.
WDK 10 SET BCD	1	1415540000
Note		

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige, screwable
Screwdriver	
	Standard
Cover	
	Blank, white
	Blank, yellow
Marking tags	
Cross-connector	
	black
	blue
	red

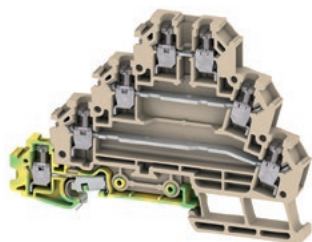
Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044
Note		

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044
Note		

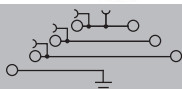
For detailed information on other accessories and application in the online catalogue

MAK 2.5

2.5 mm²



6.2 x 88 x 63
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			



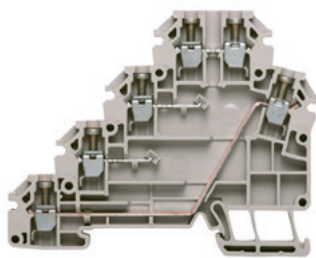
Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1 / 0.5...1	
0.5...1 / 0.5...0.75	

Type	Qty.	Order No.
MAK 2.5 DB	50	7917030000

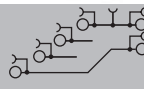
Type	Qty.	Order No.	
AP MAK2.5 DB	20	7917000000	
WEW 35/1	50	1059000000	
SDIS 0.6X3.5X100	1	2749810000	
DEK 5/5 MC NE WS	1000	1609801044	
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 BL	17.5 A	5	1633280000
VQB 1.5/50 RT	17.5 A	5	1633290000

VLI 1.5

1.5 mm²



6.15 x 79.5 x 63
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...12		
4 kV / 3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	

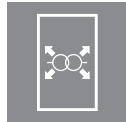
Type	Qty.	Order No.
VLI 1.5 DB	50	1784120000
VLI 1.5/PE DB	50	1784130000

Type	Qty.	Order No.	
AP VLI1.5 DB	20	1784150000	
WEW 35/1	50	1059000000	
SDIS 0.6X3.5X100	1	2749810000	
DEK 5/5 MC NE WS	1000	1609801044	
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 BL	17.5 A	5	1633280000
VQB 1.5/50 RT	17.5 A	5	1633290000



Safe supply to equipment in the panel

Klippon® Connect for optimum control voltage distribution



For power supplies to equipment in the panel, there is an increased risk of incorrect connections because of the large number of conductors. Our tailored AAP potential distribution terminal blocks and the maxGUARD modular system with built-in electronic load monitoring offer ideal solutions for surge current protection and clear, structured power distribution within control voltage circuits. The considerable space saving and reduced wiring means you can guarantee supply to your panel equipment simply and effectively.

Our promise

For complex wiring projects in confined spaces, we offer a future-oriented strategy for central potential distribution with direct wiring option for all the device's plus and minus potentials. This means that Klippon® Connect makes planning and implementing your control voltage distribution system considerably more productive.

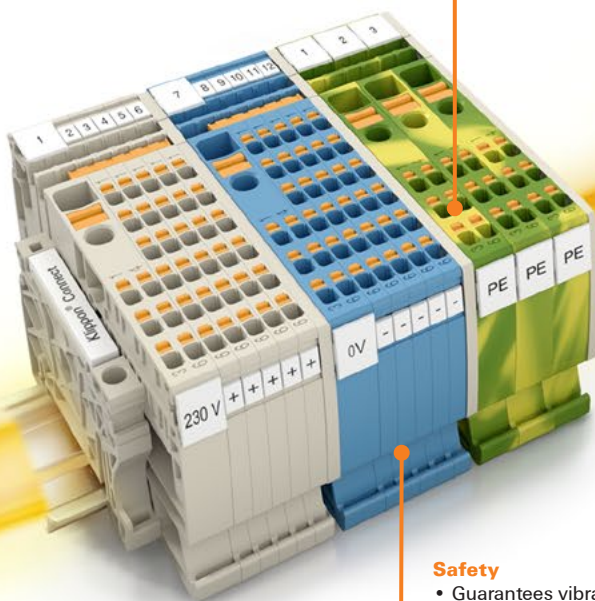


Space saving

- Up to 50 percent more compact control voltage distribution thanks to the optional six conductor connections per terminal block
- Combined solution for fewer components and more available space on the terminal rail
- One solution to connect all the plus and minus connectors for the loads

Time saving

- Maximum time saving on wiring thanks to PUSH IN technology
- Consistent cross-connection systems
- Tailored assembly and ordering using the Weidmüller Configurator

**Safety**

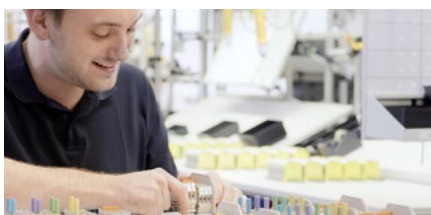
- Guarantees vibration-resistant and gas-tight connections
- Pusher and clear design to prevent mis-connection

Flexibility

- Simple to modify and expand
- Easy to rewire without special tools thanks to PUSH IN technology
- Universal use – for direct and alternating current from 0 to 250 V

Our range**Combined load monitoring and potential distribution:**

maxGUARD is our unique modular system for control voltage distribution. The consistent design of the electronic load monitoring and potential distribution terminal blocks plus the simple cross-connection options save time and money and prevent mis-connections.

**Simpler customised solutions:**

Our assembly service for standard blocks and completed control voltage distribution systems guarantees ease of ordering and production optimisation. We create a perfect-fit solution for all of your requirements.

Individual configuration for each control cabinet type

The modular terminal block system for control voltage distribution

Professional marking
Large marking areas in combination with our marking solutions ensure precise identification of the individual terminal blocks.

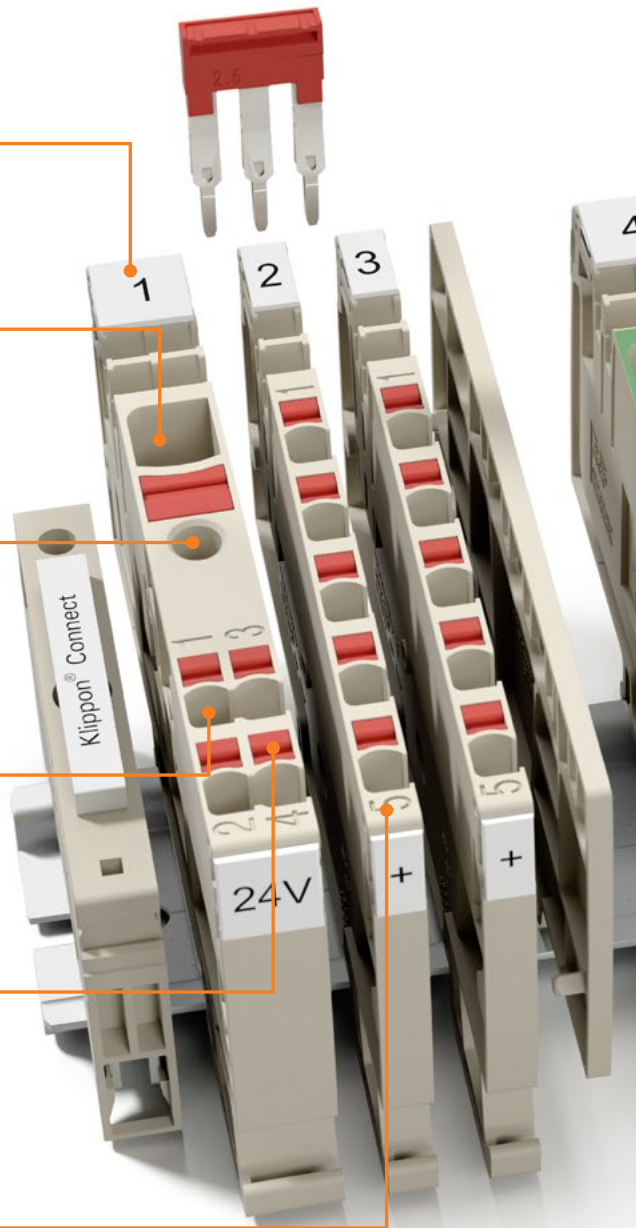
Convenient feed-in terminal block
A distinguishable power terminal offers a simple powersupply into the system.

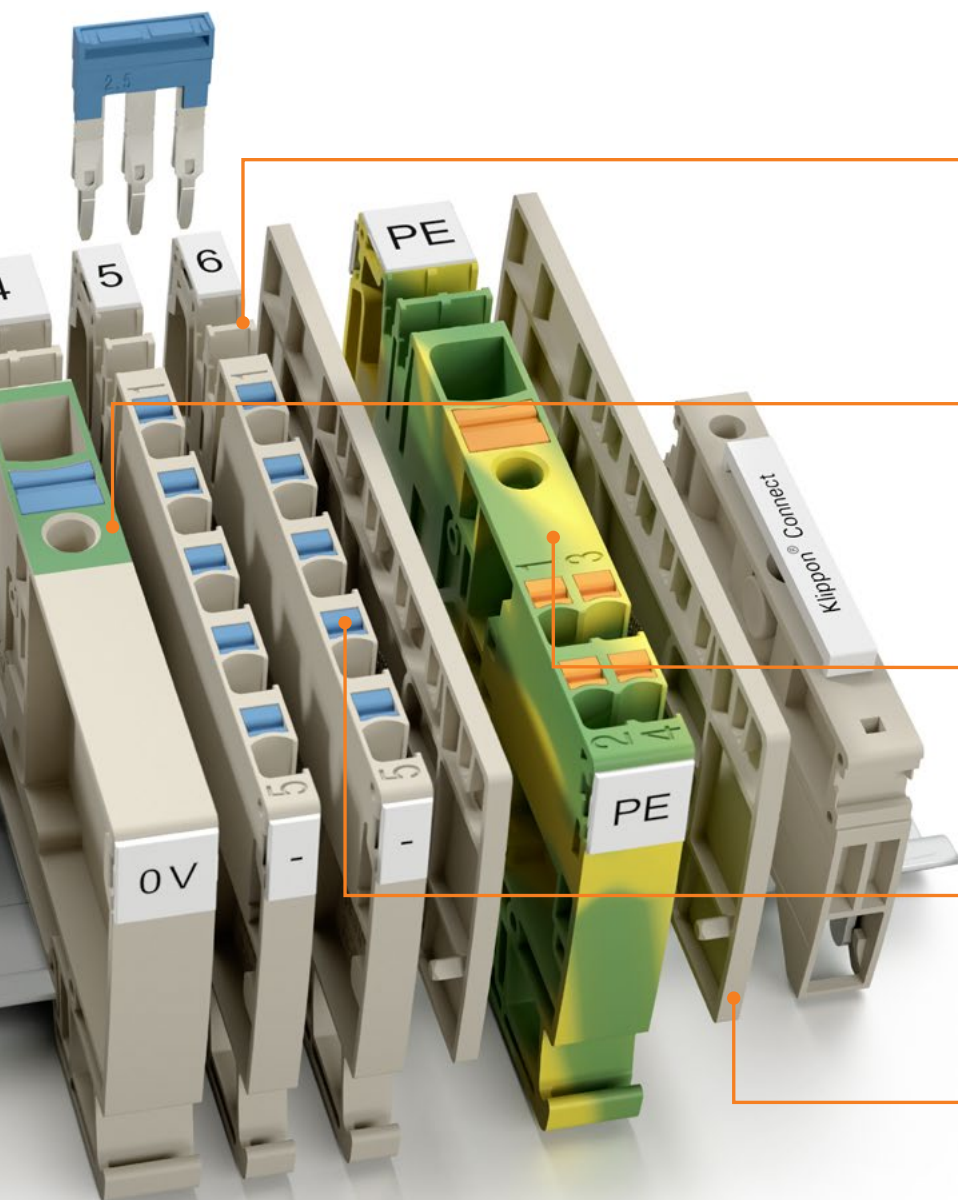
Integrated test point
The integrated test and inspection tap enables quick and easy testing with standard size 2.0 probes and test plugs.

Double connection on power feed in terminal block
Additional connections on the feed in terminal block save components and assembly time. Depending on the system structure, additional space savings of 3.5 or 5.1 mm can be achieved.

Coloured pushers
The colour coding can easily distinguish the different potentials. Oversight saves time and costs for maintenance and troubleshooting.

Distinct contact identification
Each contact point on the terminal block has a distinct mark such that it can be assigned unambiguously to the connection point in the circuit diagram.





Two cross-connection channels

The modular system allows an additional terminal block to be attached and expanded via an additional cross-connection in the second cross-connection channel.

Optional FE variants

The FE terminals have a contact to the DIN rail underneath, which serves as zero adjustment of the potentials.

PE - Protective earth terminal block

Terminal blocks for connecting protective earth conductors completes the AAP system (plus, minus and PE). The power terminals with protective conductor functions comply with the IEC 60947-7-2 standard.

Clear distribution terminal block

Easily identifiable terminals to distribute power to individual branch circuits.

Robust end plates

The end plates ensure finger safety and separation of the different potentials.

B



Control voltage distribution
PUSH IN connection

AAP - potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	beige / red pusher
	beige / blue pusher
	beige / orange pusher
	beige / white pusher
	green-yellow / orange pusher
	blue / orange pusher
	green / orange pusher
Note	

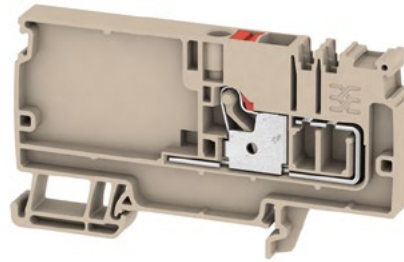
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
	2-pole/ blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

AAP11 6 LO

6 mm²



8.1 x 85.5 x 47	
41 / 6	
0.34...6	

In accordance with IEC 60947-1

IEC	UL	CSA	EN 60079-7
500	300	300	
41	36	36	
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A5 / V-0			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			
Note			

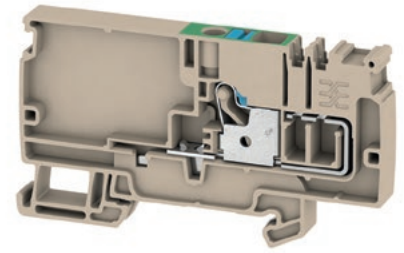
Type	Qty.	Order No.
AAP11 6 LO RD	20	1989780000
AAP11 6 LO BL	20	1988130000
AAP11 6 LO OR	20	2503650000
AAP11 6 LO WT	20	2683430000
AAP11 6 LO BL/OR	20	2522720000
AAP11 6 LO GN/OR	20	2718300000
Note		

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000
Note		

For detailed information on other accessories and application in the online catalogue

AAP11 6 FE

6 mm²



8.1 x 85.5 x 47	
/ 6	
0.34...6	

In accordance with IEC 60947-2

IEC	UL	CSA	EN 60079-7
500	300	300	
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A5 / V-0			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			
Note			

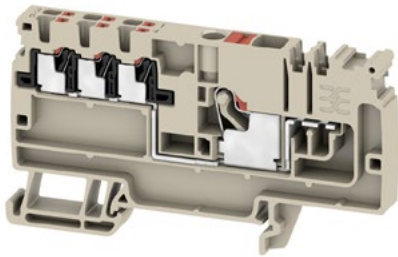
Type	Qty.	Order No.
AAP11 6 FE	20	1988140000
Note		

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000
Note		

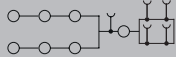
For detailed information on other accessories and application in the online catalogue

AAP11 6/6X1.5 LO-LI

6 mm²



8.1 x 85.5 x 47
41 / 6
0.34...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
41	38	38	
6	AWG 26...8	AWG 26...8	
6 kV / 3			
A5 / V-0			

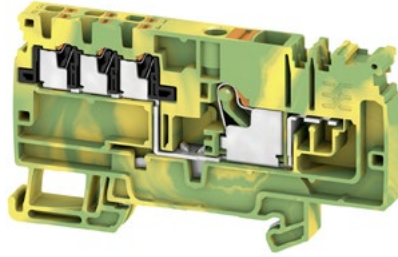


Rated connection

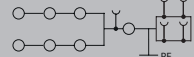
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

AAP11 6/6X1.5 PE-LI

6 mm²



8.1 x 85.5 x 47
/ 6
0.34...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300		
6	AWG 26...8	AWG 26...8	
6 kV / 3			
A5 / V-0			

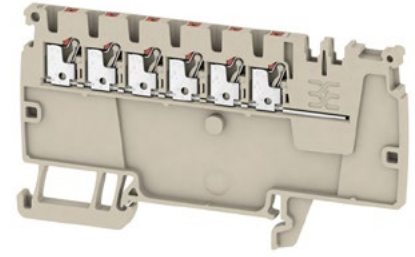


Rated connection

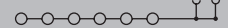
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

AAP11 1.5 LI

1.5 mm²



3.5 x 85.5 x 47
17.5 / 1.5
0.14...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AAP11 6/6X1.5 LO-LI RD	20	2464690000
AAP11 6/6X1.5 LO-LI BL	20	2464750000
AAP11 6/6X1.5 LO-LI OR	20	2503870000
AAP11 6/6X1.5 LO-LI WT	20	2712960000
AAP11 6/6X1.5 LO-LI BL/OR	20	2522830000

Type	Qty.	Order No.
AAP11 6/6X1.5 PE-LI	20	2464740000

Type	Qty.	Order No.
AAP11 1.5 LI RD	50	1988160000
AAP11 1.5 LI BL	50	1988170000
AAP11 1.5 LI OR	50	2503910000
AAP11 1.5 LI WT	50	2683440000
AAP11 1.5 LI BL/OR	50	2522870000
AAP11 1.5 LI GN/OR	50	2614100000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIS 0.4X2.0X60	1	2749780000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	beige / red and blue pusher
	beige / orange and orange pusher
Note	

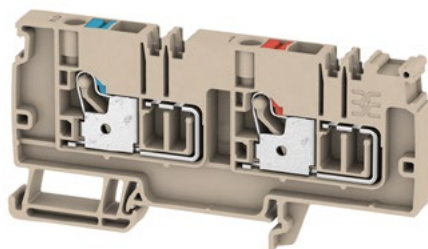
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
	2-pole/ blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

AAP13 6 LO-LO

6 mm²



8.1 x 96 x 47	
41 / 6	
0.34...6	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	
41	36	36	
6	AWG 22...8	AWG 22...8	

4 kV / 3
A5 / V-0



Rated connection

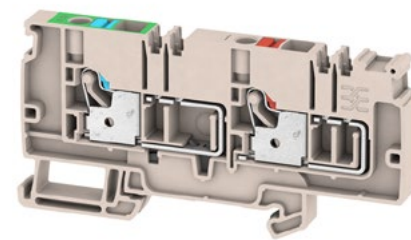
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP13 6 LO-LO	20	1988260000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

AAP13 6 FE-LO

6 mm²



8.1 x 96 x 47	
41 / 6	
0.34...6	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250	150	150	
41	36	36	
6	AWG 22...8	AWG 22...8	

4 kV / 3
A5 / V-0



Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP13 6 FE-LO	20	1988270000

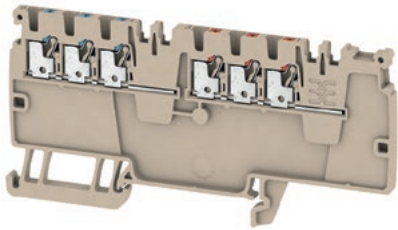
Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue



AAP13 1.5 LI-LI

1.5 mm²



3.5 x 96 x 47
16 / 1.5
0.14...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	
16	13	13	
1.5	AWG 26...14	AWG 26...14	

4 kV / 3
A1 / V-0



Rated connection

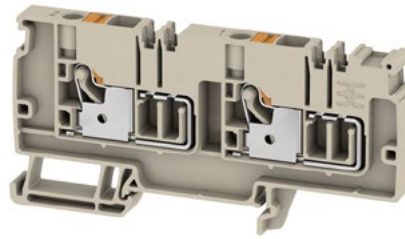
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AAP13 1.5 LI-LI	50	1988280000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIS 0.4X2.0X60	1	2749780000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

AAP13 6 LO-LO OR

6 mm²



8.1 x 96 x 47
41 / 6
0.34...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			

4 kV / 3
A5 / V-0



Rated connection

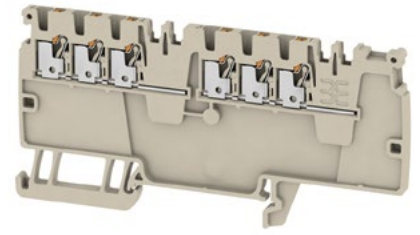
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP13 6 LO-LO OR	20	2623910000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

AAP13 1.5 LI-LI OR

1.5 mm²



3.5 x 96 x 47
16 / 1.5
0.14...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150		
16	13		
1.5	AWG 26...14		

A1 / V-0



Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 /

Type	Qty.	Order No.
AAP13 1.5 LI-LI OR	50	2623920000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIS 0.4X2.0X60	1	2749780000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000



Control voltage distribution PUSH IN connection

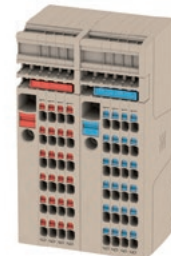
AAP – potential distribution terminal blocks

SET AAP11 6/1.5/12C

6 mm²

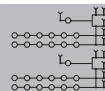
SET AAP11 6/1.5/24C

6 mm²

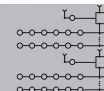


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

35 x 85.5 x 47
35 / 6
0.34...6



49 x 85.5 x 47
41 / 6
0.34...6



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
35			
6			
		6 kV / 3	
		A5 / V-0	



Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			
		6 kV / 3	
		A5 / V-0	



Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Note

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP11 6/1.5/12C	1	2506090000

Type	Qty.	Order No.
SET AAP11 6/1.5/24C	1	2506370000

Accessories

Plug-in cross-connection	
	2-pole / red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ZUB MULTIMETER	1	9205270000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ZUB MULTIMETER	1	9205270000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000

For detailed information on other accessories and application in the online catalogue



AAP – potential distribution terminal blocks

SET AAP13 6/1.5/12C

6 mm²

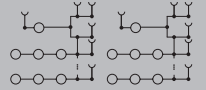
SET AAP13 6/1.5/24C

6 mm²

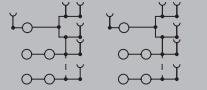


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

24.5 x 96 x 47
41 / 6
0.34...6



38.5 x 96 x 47
41 / 6
0.34...6



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			
		4 kV / 3	
		A5 / V-0	
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			
Note			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			
		4 kV / 3	
		A5 / V-0	
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			
Note			

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP13 6/1.5/12C	1	2506340000
Note		

Type	Qty.	Order No.
SET AAP13 6/1.5/24C	1	2506380000
Note		

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 VO		
	20	2661280000
ZUB MULTIMETER		
	1	9205270000
WS 8/3.5 MM WS		
	1000	2007140000
DEK 5/3.5 PLUS MC NE WS		
	1600	2003750000
WS-A 8/8 MM WS		
	500	2448930000
DEK 5/8 PLUS MC NE WS		
	800	1046350000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 VO		
	20	2661280000
ZUB MULTIMETER		
	1	9205270000
WS 8/3.5 MM WS		
	1000	2007140000
DEK 5/3.5 PLUS MC NE WS		
	1600	2003750000
WS-A 8/8 MM WS		
	500	2448930000
DEK 5/8 PLUS MC NE WS		
	800	1046350000

For detailed information on other accessories and application in the online catalogue

Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	beige / red pusher
	beige / blue pusher
	beige / orange pusher
	beige / white pusher
	green-yellow / orange pusher
	blue / orange pusher
	green / orange pusher
Note	

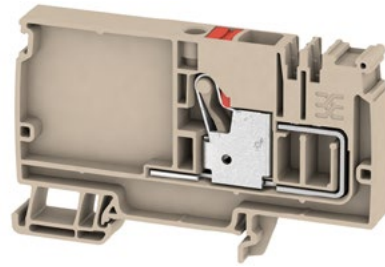
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
	2-pole/ blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

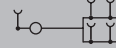
For detailed information on other accessories and application in the online catalogue

AAP12 10 LO

10 mm²



10 x 89 x 53.5
57 / 10
0.5...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	51	51	
10	AWG 20...6	AWG 20...6	
8 kV / 3			
A6 / V-0			



Rated connection

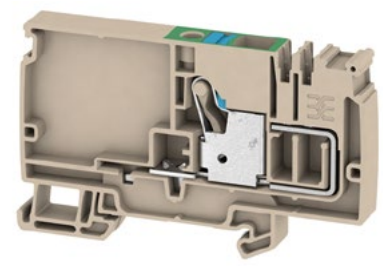
0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP12 10 LO RD	20	1988190000
AAP12 10 LO BL	20	1988180000
AAP12 10 LO OR	20	2503900000
AAP12 10 LO WT	20	2683450000
AAP12 10 LO BL/OR	20	2522860000
AAP12 10 LO GN/OR	20	2619410000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

AAP12 10 FE

10 mm²



10 x 89 x 53.5
/ 10
0.5...10



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
10	AWG 20...6	AWG 20...6	
8 kV / 3			
A6 / V-0			



Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP12 10 FE	20	1988200000

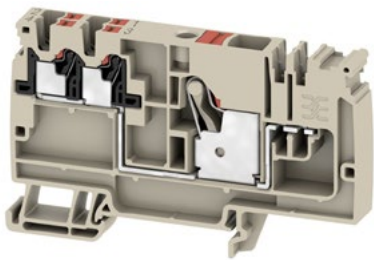
Type	Qty.	Order No.
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue

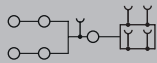


AAP12 10/4X2.5 10 LO-LI

10 mm²



10 x 89 x 53.5
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	55	55	
10	AWG 28...6	AWG 28...6	
8 kV / 3			
A6 / V-0			

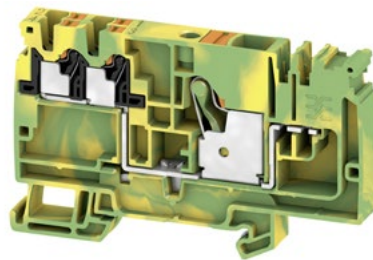


Rated connection

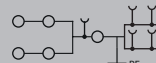
0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

AAP12 10/4X2.5 PE-LI

10 mm²



10 x 89 x 53.5
/ 10
0.5...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600		
10	AWG 28...8	AWG 28...8	
8 kV / 3			
A6 / V-0			

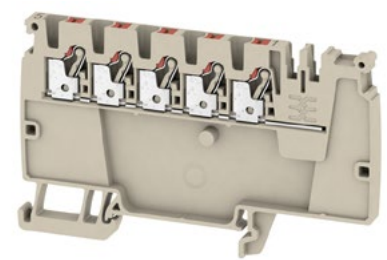


Rated connection

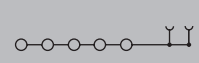
0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

AAP12 2.5 LI

2.5 mm²



5.1 x 89 x 53.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AAP12 10/4X2.5 LO-LI RD	20	2464730000
AAP12 10/4X2.5 LO-LI BL	20	2464720000
AAP12 10/4X2.5 LO-LI OR	20	2503890000
AAP12 10/4X2.5 LO-LI WT	20	2712970000
AAP12 10/4X2.5 LO-LI BL/OR	20	2522850000

Type	Qty.	Order No.
AAP12 10/4X2.5 PE-LI	20	2464710000

Type	Qty.	Order No.
AAP12 2.5 LI RD	50	1988290000
AAP12 2.5 LI BL	50	1988100000
AAP12 2.5 LI OR	50	2503880000
AAP12 2.5 LI WT	50	2683460000
AAP12 2.5 LI BL/OR	50	2522840000
AAP12 2.5 LI GN/OR	50	2614110000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
DEK 5/5 MM WS	800	2007110000

Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	beige / red and blue pusher
Note	

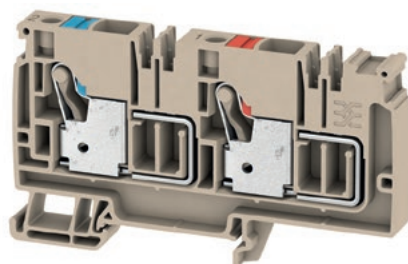
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

AAP14 10 LO-LO

10 mm²



10 x 94 x 53.5	
57 / 10	
0.5...10	

In accordance with IEC 60947-1

IEC	UL	CSA	EN 60079-7
500	150	150	
57	51	51	
10	AWG 20...6	AWG 20...6	
6 kV / 3			
A6 / V-0			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

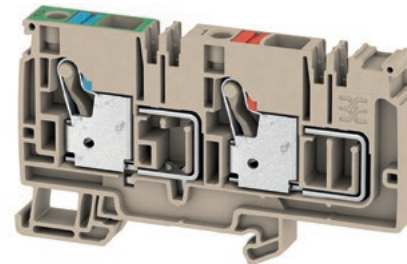
Note

Type	Qty.	Order No.
AAP14 10 LO-LO	20	1988250000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP14	20	1988340000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

AAP14 10 FE-LO

10 mm²



10 x 94 x 53.5	
57 / 10	
0.5...10	

In accordance with IEC 60947-2

IEC	UL	CSA	EN 60079-7
500	150	300	
57	51	51	
10	AWG 20...6	AWG 20...6	
6 kV / 3			
A6 / V-0			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Type	Qty.	Order No.
AAP14 10 FE-LO	20	1988240000

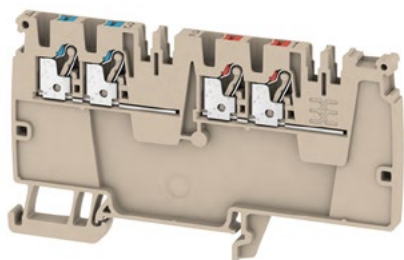
Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP14	20	1988340000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue



AAP14 2.5 LI-LI

2.5 mm²



5.1 x 94 x 53.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150	150	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
6 kV / 3			
A3 / V-0			



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AAP14 2.5 LI-LI	50	1988230000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP14	20	1988340000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
DEK 5/5 MM WS	800	2007110000



Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks

SET AAP12 10/2.5/10C

10 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

45.2 x 89 x 53.5
48 / 10
0.5...10



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
48			
10			
		8 kV / 3	
		A6 / V-0	



Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...10	
18 / 1.0 x 5.5 mm	

Note

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP12 10/2.5/10C	1	2506350000

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000

For detailed information on other accessories and application in the online catalogue



AAP – potential distribution terminal blocks

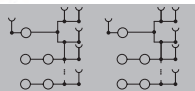
SET AAP14 10/2.5/10C

10 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

36.5 x 89 x 53.5
57 / 10
0.5...10



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
57			
10			
		8 kV / 3	
		A6 / V-0	



Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...10	
18 / 1.0 x 5.5 mm	

Note

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP14 10/2.5/10C	1	2506360000

Accessories

Plug-in cross-connection	2-pole/ red
	10-pole / red
End bracket	dark beige, screwable
	dark beige, direct mounting
Tools	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000

For detailed information on other accessories and application in the online catalogue



Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

Note

Ordering data

Version	
	beige / red pusher
	beige / blue pusher
	beige / orange pusher
	blue / orange pusher

Note

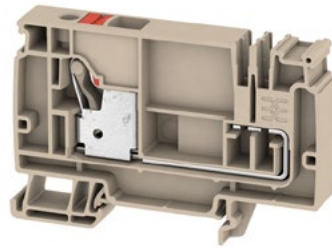
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
	dark beige
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

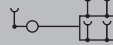
For detailed information on other accessories and application in the online catalogue

AAP21 10 LO

10 mm²



12 x 82 x 53.5	
57 / 10	
0.5...10	



In accordance with IEC 60947-7-1 Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	600 (C)	600 (C)	
57	51	51	57
10	AWG 20...6	AWG 20...6	10

4 kV / 3 V-0

TUEV17ATEX8063U

Rated connection	
	0.5...10 / 0.5...10
	0.5...10 / 0.5...10
	18 mm
	1.0 x 5.5 mm

Type	Qty.	Order No.
AAP21 10 LO RD	20	2428910000
AAP21 10 LO BL	20	2428940000
AAP21 10 LO OR	20	2581690000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000

AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
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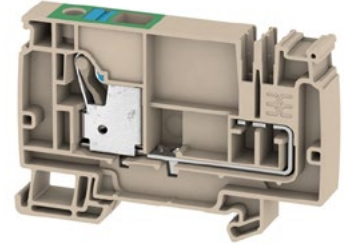
PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

AAP21 10 FE

10 mm²



12 x 82 x 53.5	
/ 10	
0.5...10	



In accordance with IEC 60947-7-2 Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	600 (C)	600 (C)	
10	AWG 20...6	AWG 20...6	10 mm ²

4 kV / 3 V-0

TUEV17ATEX8063U

Rated connection	
	0.5...10 / 0.5...10
	0.5...10 / 0.5...10
	18 mm
	1.0 x 5.5 mm

Type	Qty.	Order No.
AAP21 10 FE	20	2428920000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000

AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
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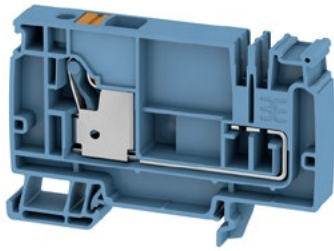
PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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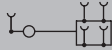
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

AAP21 10 LO

10 mm²



12 x 82 x 53.5
57 / 10
0.5...10



In accordance with IEC
60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	600 (C)	600 (C)	
57	51	51	57
10	AWG 20...6	AWG 20...6	10

4 kV / 3
V-0



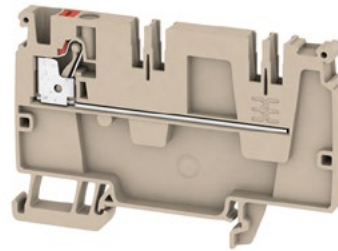
TUEV17ATEX8063U

Rated connection

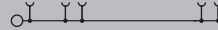
0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 mm
1.0 x 5.5 mm

AAP21 4 LI

4 mm²



6.1 x 82 x 53.5
32 / 4
0.14...4



In accordance with IEC
60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	32
4	AWG 26...10	AWG 26...10	4 mm ²

4 kV / 3
V-0



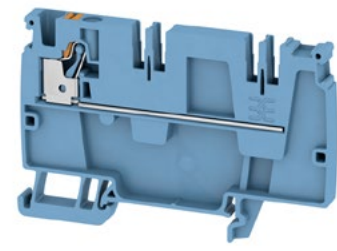
TUEV17ATEX8063U

Rated connection

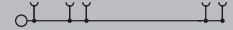
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 mm
0.6 x 3.5 mm

AAP21 4 LI

4 mm²



6.1 x 82 x 53.5
32 / 4
0.14...4



In accordance with IEC
60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	32
4	AWG 26...10	AWG 26...10	4 mm ²

4 kV / 3
V-0



TUEV17ATEX8063U

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 mm
0.6 x 3.5 mm

Type	Qty.	Order No.
AAP21 10 LO BL/OR	20	2581800000

Type	Qty.	Order No.
AAP21 4 LI RD	50	2428930000
AAP21 4 LI BL	50	2428960000
AAP21 4 LI OR	50	2581700000

Type	Qty.	Order No.
AAP21 4 LI BL/OR	50	2582530000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
ZEW 35/2	20	8630740000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 8/6 MM WS	600	2007160000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
ZEW 35/2	20	8630740000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 8/6 MM WS	600	2007160000

Control voltage distribution
PUSH IN connection

Application range

AAP – potential distribution terminal blocks



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

Note

Ordering data

Version	
	beige / red pusher, 250 V AC/DC, without LED
	beige / red pusher, 10-36 V AC/DC, with LED
	beige / red pusher, 30-70 V AC/DC, with LED
	beige / red pusher, 60-150 V AC/DC, with LED
	beige / red pusher, 100-250 V AC/DC, with LED
	beige / orange pusher, 250 V AC/DC, without LED
	beige / orange pusher, 100-250 V AC/DC, with LED
	beige / blue pusher
	beige / orange pusher
	blue / orange pusher

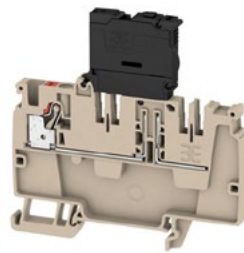
Note

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	Standard
Marking tags	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
For detailed information on other accessories and application in the online catalogue	

AAP21 4 FS

4 mm²



6.1 x 82 x 82
6.3 / 4
0.14...4

In accordance with IEC 60947-7-3 Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
500	150 (C)		
6.3	10		6.3
4	AWG 26...10		4 mm ²
4 kV / 3			
V-0			

TUEV17ATEX8064U

Rated connection	
	0.5...4 / 0.5...4
	0.5...4 / 0.5...4
	12 mm
	0.6 x 3.5 mm

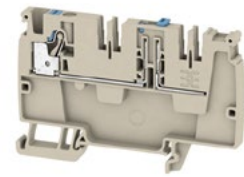
Note

Type	Qty.	Order No.
AAP21 4 FS	50	2428950000
AAP21 4 FS 10-36V	50	2458990000
AAP21 4 FS 30-70V	50	2460200000
AAP21 4 FS 60-150V	50	2460190000
AAP21 4 FS 100-250V	50	2460180000
AAP21 4 FS OR	50	2581720000
AAP21 4 FS 100-250V OR	50	2581790000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

AAP21 4 DT

4 mm²



6.1 x 82 x 55
20 / 4
0.14...4

In accordance with IEC 60947-7-1 Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
250	150 (C)	150 (C)	
20	20	20	19
4	AWG 26...10	AWG 26...10	4 mm ²
4 kV / 3			
V-0			

TUEV16ATEX7939U

Rated connection	
	0.5...4 / 0.5...4
	0.5...4 / 0.5...4
	12 mm
	0.6 x 3.5 mm

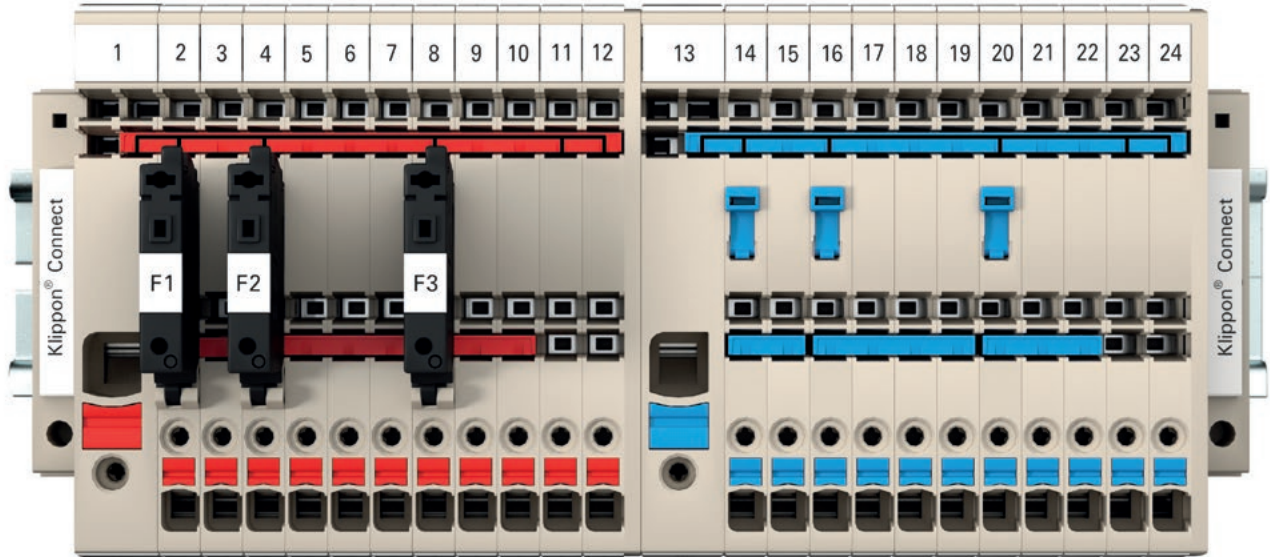
Note

Type	Qty.	Order No.
AAP21 4 DT	50	2428980000
AAP21 4 DT OR	50	2581710000
AAP21 4 DT BL/OR	50	2582520000

Type	Qty.	Order No.
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

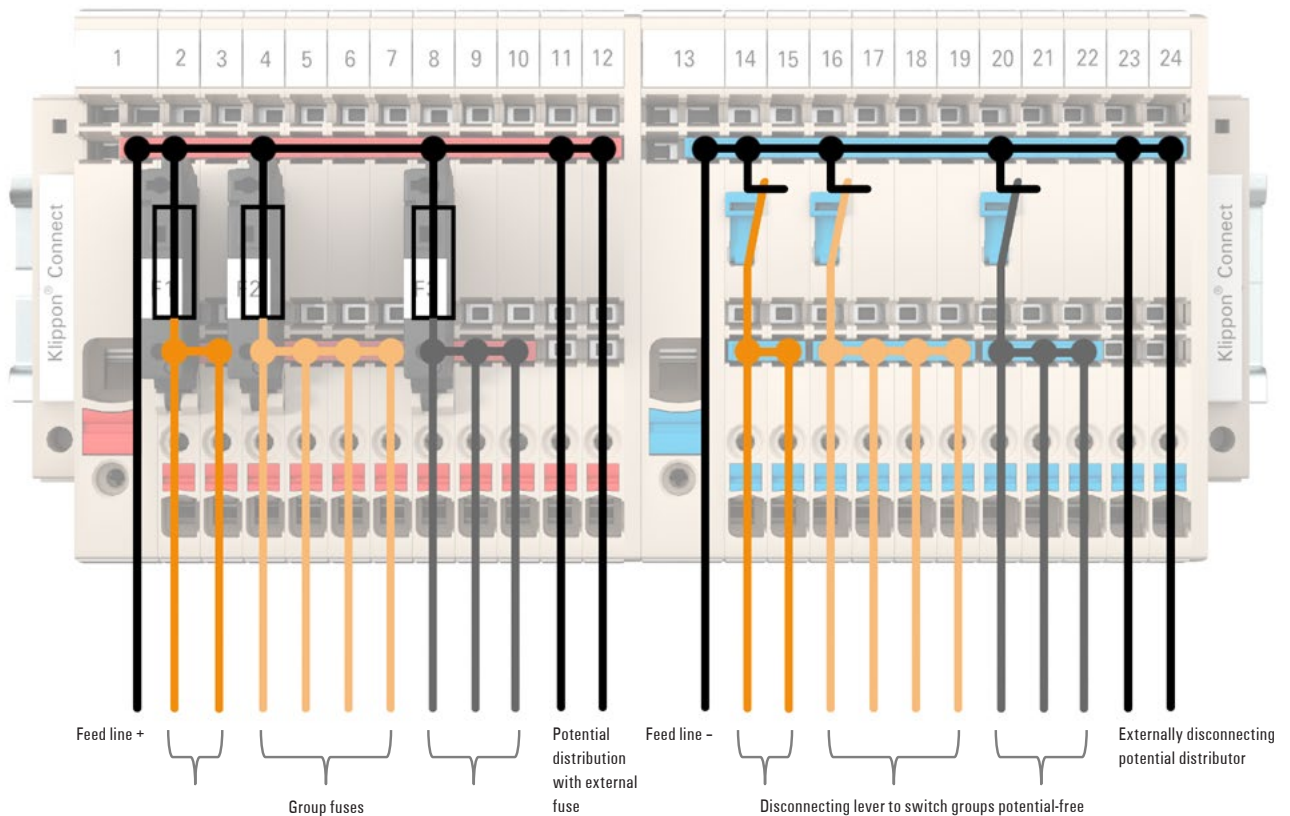
Clear, compact construction of control voltage distribution

Example configuration of potential distribution terminal block with fusing



- Group fusing through breakaway of individual poles in the cross-connections
- Groups can be switched potential-free via a disconnecter
- Direct potential distribution possible without fusing within the structure

Schematic representation of circuit diagram



Control voltage distribution PUSH IN connection

AAP - potential distribution terminal blocks

Potential distribution with integrated fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	beige / red and blue pusher
Note	

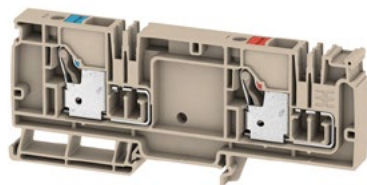
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

AAP22 10 LO-LO

10 mm²



12 x 129 x 53.5	
57 / 10	
0.5...10	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	
57	51	51	
10	AWG 20...6	AWG 20...6	
4 kV / 3			
A6 / V-0			



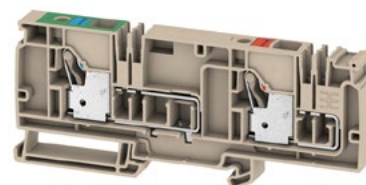
Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...10	
18 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
AAP22 10 LO-LO	20	2428990000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

AAP22 10 FE-LO

10 mm²



12 x 129 x 53.5	
17 / 10	
0.5...10	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250	150	150	
57	51	51	
10	AWG 20...6	AWG 20...6	
4 kV / 3			
A6 / V-0			



Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...10	
18 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
AAP22 10 FE-LO	20	2429000000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

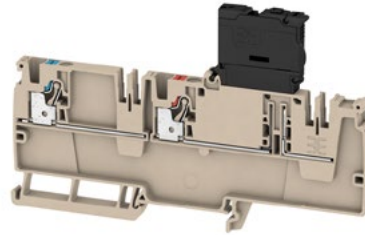
For detailed information on other accessories and application in the online catalogue



AAP - potential distribution terminal blocks

AAP22 4 LI-FS

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

Note

Ordering data

Version	
	250 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

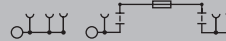
Accessories

Plug-in cross-connection	
	2-pole / blue
	10-pole/ blue
	2-pole/ red
	10-pole / red
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Screwdriver	
	Standard
Marking tags	

G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast

For detailed information on other accessories and application in the online catalogue

6.1 x 129 x 82
6.3 / 4
0.14...4



In accordance with IEC 60947-7-1, Ex ec II C Gc II
In accordance with IEC 60947-7-3 2 G D



IEC	UL	CSA	EN 60079-7
500	300 (D)		
6.3	10		6.3
4	AWG 26...10		4 mm ²
4 kV / 3			
V-0			

CCC CE RU US Ex UK CA TUEV17ATEX8064U

Rated connection	
	0.5...4 / 0.5...4
	0.5...4 / 0.5...4
	12 mm
	0.6 x 3.5 mm

Type	Qty.	Order No.
AAP22 4 LI-FS	50	2429010000
AAP22 4 LI-FS 10-36V	50	2459010000
AAP22 4 LI-FS 30-70V	50	2460140000
AAP22 4 LI-FS 60-150V	50	2460130000
AAP22 4 LI-FS 100-250V	50	2460120000

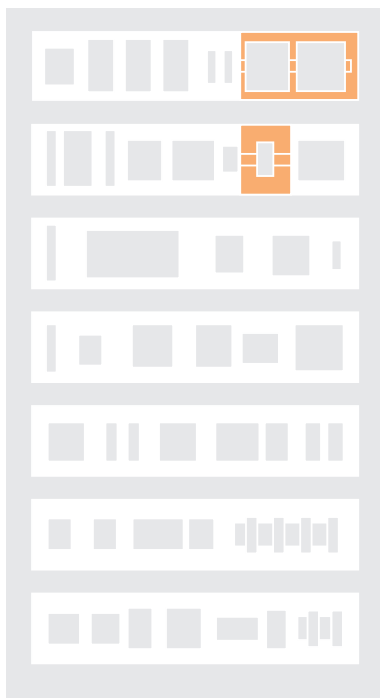
Type	Qty.	Order No.
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
AEP AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000



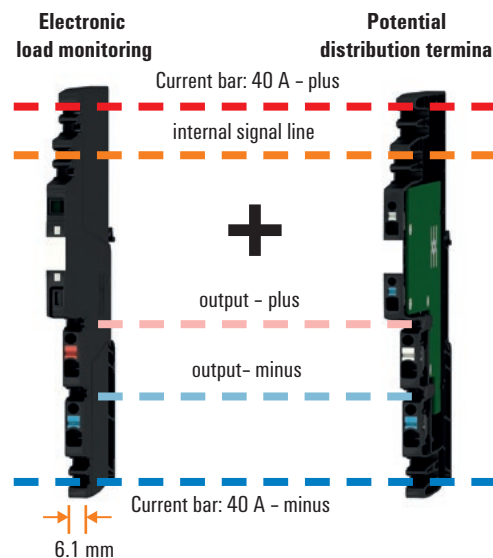
Control current distribution further developed

Load monitoring and potential distribution in one overall solution

New ways in the control current distribution increase the efficiency in the operation of machines and plants. The combination of load monitoring and potential distribution terminals saves up to 50 % space and up to 20 % wiring costs, while the free combinability of numerous single-channel and four-channel variants optimizes material costs. Benefit from the advantages of a modular system that offers you high flexibility and adapts optimally to any application.



Combination of load monitoring and potential distribution



- Three main connection channels: positive, negative and internal signals
- Simple to increase the number of contacts thanks to crossconnection option in the potential distribution terminals



Intelligent protection of DC loads

topGUARD load monitoring system with communication via IO-LINK

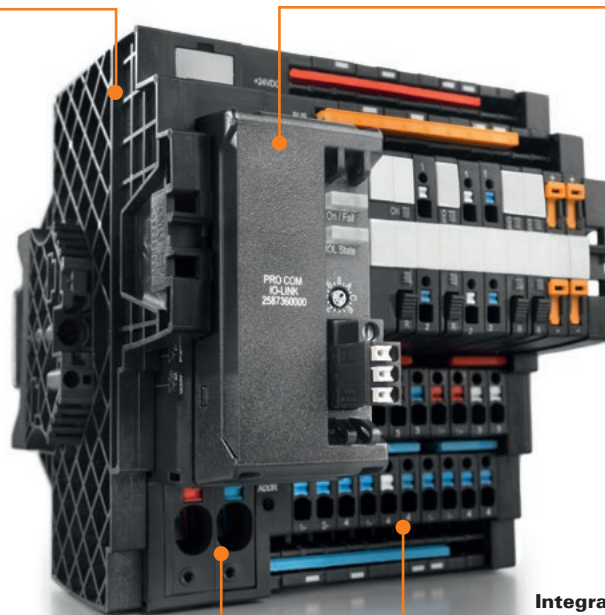
Modern machines and plants require load monitoring systems capable of communication. The IO-Link-capable load monitoring system topGUARD offers remote control options, full data transparency, and reliable protection of the 24 V system voltage.

topGUARD is an outstanding supplement to the IO-LINK-capable PROtop power supplies for innovative power management systems. It saves space and time during device installation through an innovative approach to integrated distribution of potential. Parameterisation, control, and provision of all operating data are carried out by plugging in the IO-Link module and integrating an IODD file. The module can be used for PROtop power supplies as well as for topGUARD load monitoring.

IO-LINK capable

The IO-Link-capable load monitoring system topGUARD offers remote control options, provides operating data for optimal condition monitoring, and enables entirely new control solutions.

Data transparency and remote control thanks to IO-Link.



B

Modular and innovative

The modular concept enables custom-fit solutions. The first of its kind, voltage-adaptive class 2 load monitoring allows the continued use of 18 to 30 V DC operating voltage.

Integrated distribution of potential

The integrated distribution of potential, well known from the maxGUARD concept, takes up significantly less space and saves valuable time during installation.



Load monitoring and potential distribution in one complete solution

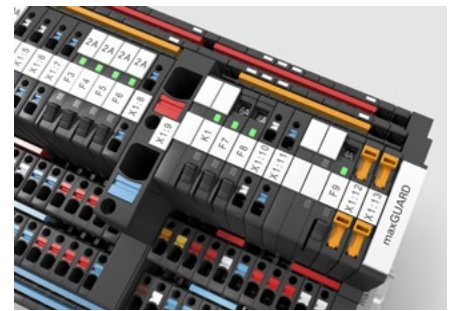
maxGUARD – taking control voltage distribution to a new level

Fail-safe and maintenance-friendly control voltage distributions that can be installed in a time- and space-saving manner are a must for efficient machine and facility operation. With the new maxGUARD system, the terminal blocks (previously installed separately) for distributing potential to the outputs of the electronic load monitors become an integral part of a 24 V DC control voltage distribution solution. The new combination of load monitoring and potential distribution saves time during installation, increases safety against failure and reduces the amount of space required on the terminal rail by 50 %.



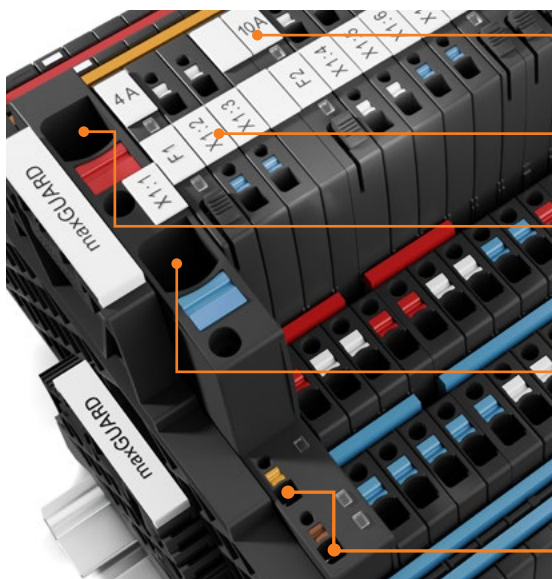
Extreme ease of servicing

Sophisticated operating, testing and connection elements permit safe access to all voltage potentials and load circuits during commissioning and maintenance.



IECEX

Sophisticated arrangement of connections and markers ensures clarity



Markers for current strength

Continuous marker channel for equipment ID

Supply terminal (positive): 16 mm²

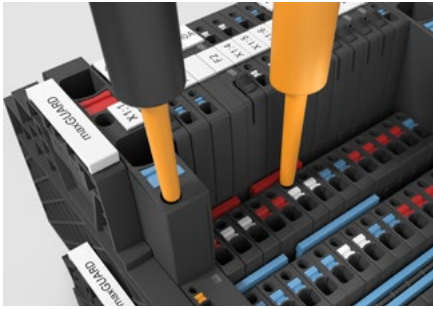
Supply terminal (negative): 16 mm²

Reset input and alarm output for connecting to the PLC

now up to
70°C
usable

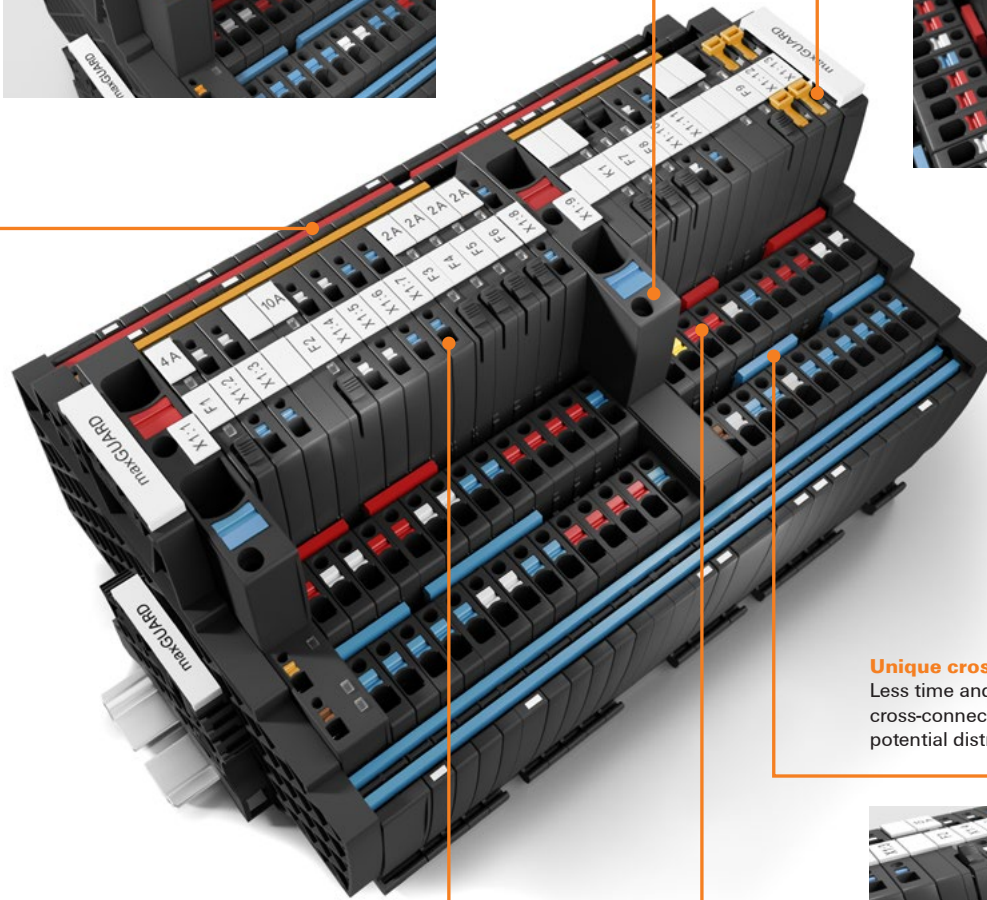
Integrated test point

Consistently integrated test points in the maxGUARD control voltage distribution's input and output speed up troubleshooting operations.



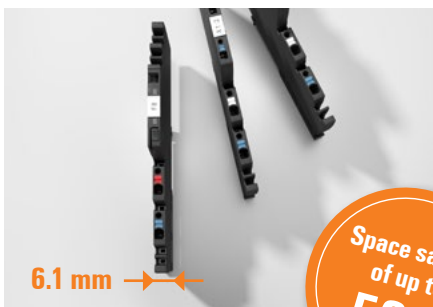
Practical disconnecting lever

Potential distributor with a disconnecting lever for simple galvanic isolation of the load circuit for testing and checking purposes.



Particularly space-saving

Electronic load monitors and potential distributors with a 6.1 mm pitch.



6.1 mm

Space saving
of up to
50 %

Unique cross-connectors

Less time and effort needed for wiring due to cross-connections between load monitoring and potential distribution terminals.



Time saving
of up to
20 %

Can be used in a customised way

The sheer range of variants and the very different potential distribution terminals and additional components enable customised solutions at all times.

B

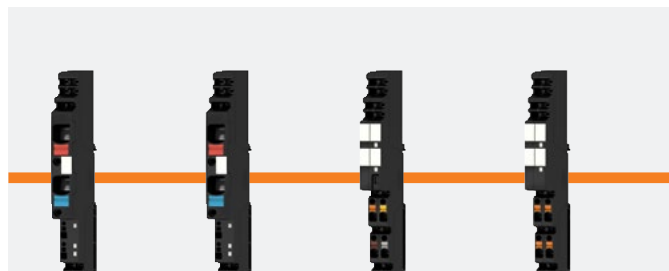


maxGUARD – product overview

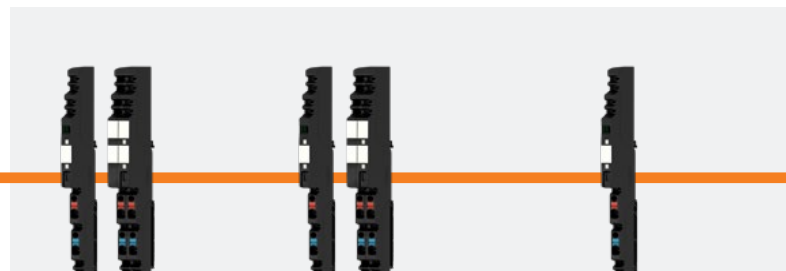
Flexible and modular design

Supply terminals, control and alarm modules

Electronic load monitoring



Supply terminal 16 mm ² Passive	Supply terminal 16 mm ² With alarm and reset function	Control module Alarm Reset I > 90 % ON/OFF	Alarm module Potential-free contacts for alarm I > 90 %
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Fixed-value modules 1 / 2 / 4 / 6 A 6.1 mm housing 8 A / 10 A 12.2 mm housing	Adjustable module 1 - 2 - 3 - 4 - 6 A 6,1 mm housing 4 - 6 - 8 - 10 - 12 A 12,2 mm housing 10 - 12 - 14 - 16 - 18 A 12.2 mm housing	Adjustable module 0.1...1 A 6.1 mm housing with current limiting function
--	--	---

B



Power-feed, control and alarm module

Alarm module with potential-free contacts for the "Alarm" and "I > 90 %" signals. Control module with extended control function. Passive or active power-feed module with reset and alarm function

Load monitoring (fixed value)

Electronic load monitoring with fixed current (without I > 90 % function)

Load monitoring adjustable

Electronic load monitoring with adjustable triggering current and triggering characteristic (with I > 90 % function)

Load monitoring adjustable

Load monitoring device with adjustable tripping current und current limiting function (with I > 90 % function)

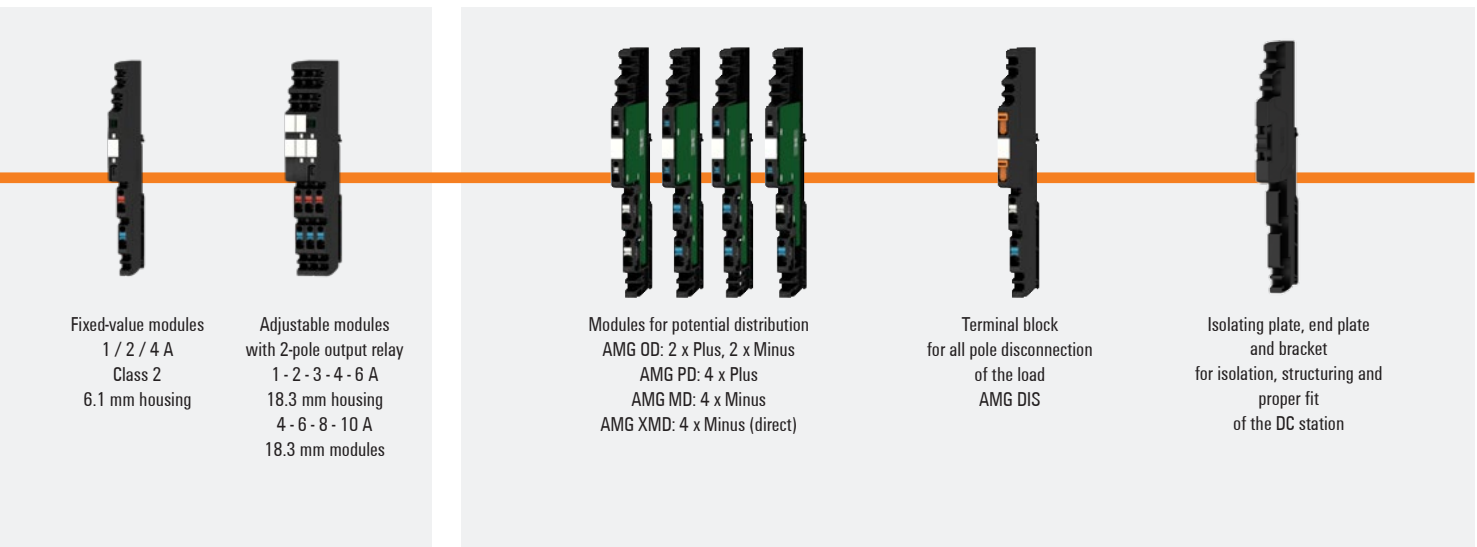
Type	Order No.
AMG FIM-O	2081870000
AMG FIM-C	2081880000
AMG FIM-O EX	2082530000
AMG FIM-C EX	2082540000
AMG CM	2081900000
AMG CM EX	2083360000
AMG AM	2081890000
AMG AM CO	2082770000

Type	Order No.
AMG ELM-1F	2080420000
AMG ELM-1F EX	2082040000
AMG ELM-2F	2080480000
AMG ELM-2F EX	2082050000
AMG ELM-4F	2080490000
AMG ELM-4F EX	2082060000
AMG ELM-6F	2080500000
AMG ELM-6F EX	2082310000
AMG ELM-8F	2080600000
AMG ELM-8F EX	2082320000
AMG ELM-10F	2080650000
AMG ELM-10F EX	2082430000

Type	Order No.
AMG ELM-6	2080360000
AMG ELM-6 EX	2082000000
AMG ELM-12	2080410000
AMG ELM-12 EX	2082010000
AMG ELM-18	2859800000
AMG ELM-18 EX	2838520000

Type	Order No.
AMG ELM-1 LIM CL2 EX	2838530000

Potential distribution and accessories



Fixed-value modules
1 / 2 / 4 A
Class 2
6.1 mm housing

Adjustable modules
with 2-pole output relay
1 - 2 - 3 - 4 - 6 A
18.3 mm housing
4 - 6 - 8 - 10 A
18.3 mm modules

Modules for potential distribution
AMG OD: 2 x Plus, 2 x Minus
AMG PD: 4 x Plus
AMG MD: 4 x Minus
AMG XMD: 4 x Minus (direct)

Terminal block
for all pole disconnection
of the load
AMG DIS

Isolating plate, end plate
and bracket
for isolation, structuring and
proper fit
of the DC station

Load monitoring (fixed value)
Class 2

Electronic load monitoring with fixed rated current
(without I > 90 % pre warning)
Class 2 Approval

Type	Order No.
AMG ELM-1F CL2	2491270000
AMG ELM-2F CL2	2491280000
AMG ELM-4F CL2	2491290000

Load monitoring with relay

Electronic load monitoring with 2-pole output relay for allpole load disconnection; triggering current and triggering characteristic adjustable
(with I > 90 % function)

Type	Order No.
AMG ELM-6D CO	2082440000
AMG ELM-10D CO	2082470000

Potential distributor

Flexible application through various potential distributor.

Type	Order No.
AMG MD	2122930000
AMG MD EX	2495040000
AMG OD	2122910000
AMG OD EX	2495090000
AMG PD	2122920000
AMG PD EX	2495070000
AMG XMD	2122940000
AMG XMD EX	2495080000
AMG DIS	2123050000
AMG DIS EX	2495100000

End plate and Separation plate

End plate for mechanical stabilization.
Separation plate for logical subdivision.

Type	Order No.
AMG PP	2123000000
AMG EP	2495380000
AMG EP KIT	2500760000

B



Clear wiring for high-density signalling levels

With Klippon® Connect in the smallest spaces

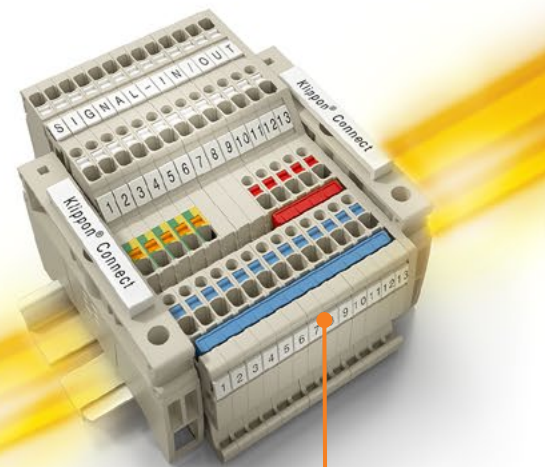


With the current levels of automation, there are more and more sensors monitoring the production process. This increases the number of signals to be combined and structured. Given the restricted space in the panel, this can become a real challenge. Our application-specific initiator/actuator terminal blocks (AIO) are specially designed for the signal wiring requirements posed by automation now and into the future. You can benefit from tailored, really compact solutions for the structured wiring of initiator and actuator signals with the input and output modules of a programmable logic controller (PLC).

Our promise

With tailored application products, Klippon® Connect offers all the benefits required for structured wiring of initiator and actuator signals. The simple handling and the maximum flexibility in the choice of design meets the requirements for reliable signal wiring simply, efficiently and safely.

B



Safety

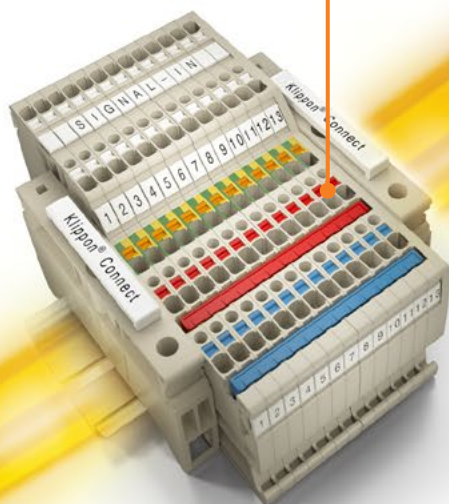
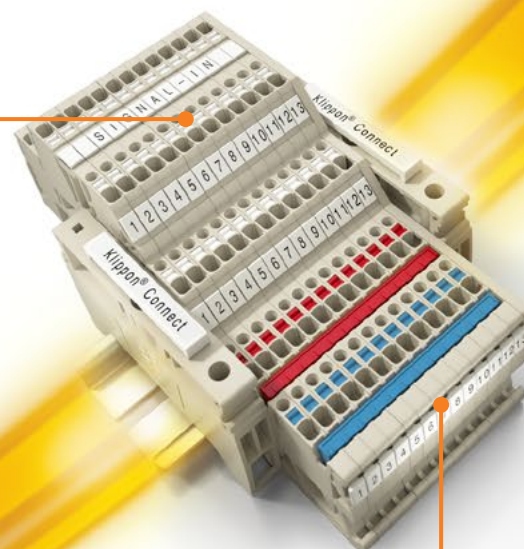
- Test options on every terminal
- Vibration-resistant and gas-tight connections
- Top-level safety for machines and systems

Space saving

- Up to four different potentials on a terminal just 3.5 mm wide
- Structuring and combining of signals in confined spaces

Time saving

- Simple to use thanks to PUSH IN technology
- Convenient plus/minus potential distribution through range of cross connection options
- Simple wiring thanks to colour-coded pushers

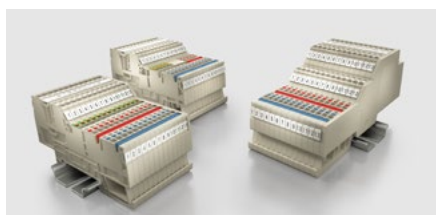
**Flexibility**

- Maximum clarity thanks to wide variety of labelling options
- User and service-friendly thanks to clear design
- A wide assortment of variants in three designs

B

Our range**Extreme flexibility in potential distribution:**

With our application products, you can achieve effective and safe potential distribution while looping the signals to the I/O system. You can benefit from increased wiring density with more potentials on a single terminal block. This not only saves space, but also reduces the time required to assemble the terminal block.

**Free choice of design:**

Our application products for signal wiring (AIO) are available in three designs. Depending on the design, you can connect 3- or 4-wire sensors or actuators. The large number of variants, e.g. with built-in PE function, allows maximum flexibility when it comes to designing the signal feed.

Signal wiring
PUSH IN connection

Application range

AIO – sensor-actuator terminal blocks



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Orange
Note	

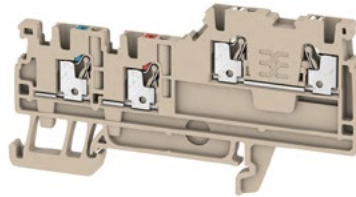
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

AI021 1.5 SI

1.5 mm²



3.5 x 80 x 42	
13.5 / 1.5	
0.14...1.5	

In accordance with IEC 60947-7-1 Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
4 kV / 3			
A1 / V-0			

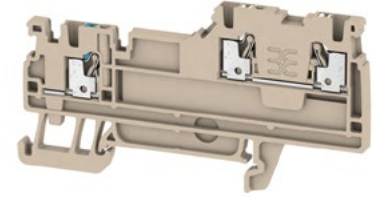
Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

Type	Qty.	Order No.
AI021 1.5 SI	100	1992260000
AI021 1.5 SI OR	100	2579610000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IO21	50	1993580000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

AI021 1.5 SO

1.5 mm²



3.5 x 80 x 42	
13.5 / 1.5	
0.14...1.5	

In accordance with IEC 60947-7-1 Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
4 kV / 3			
A1 / V-0			

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

Type	Qty.	Order No.
AI021 1.5 SO	100	1992240000
AI021 1.5 SO OR	100	2579570000

Type	Qty.	Order No.
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IO21	50	1993580000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

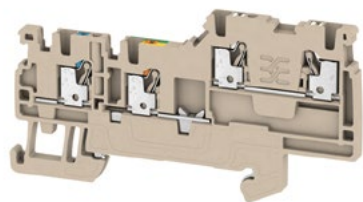
For detailed information on other accessories and application in the online catalogue

B

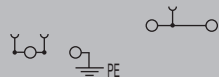


AI021 1.5 SO-PE

1.5 mm²



3.5 x 80 x 42
13.5 / 1.5
0.14...1.5



In accordance with IEC
60947-7-1

Ex eb II C Gbll 2 G D



IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

4 kV / 3

A1 / V-0



Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

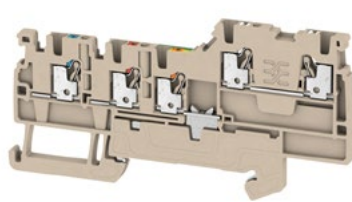
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AI021 1.5 SO-PE	100	1992250000
AI021 1.5 SO-PE OR	100	2579580000

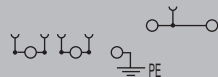
Type	Qty.	Order No.
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IO21	50	1993580000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

AI022 1.5 SI-PE

1.5 mm²



3.5 x 89 x 45
13.5 / 1.5
0.14...1.5



In accordance with IEC
60947-7-1

Ex eb II C Gbll 2 G D



IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

4 kV / 3

A1 / V-0



Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

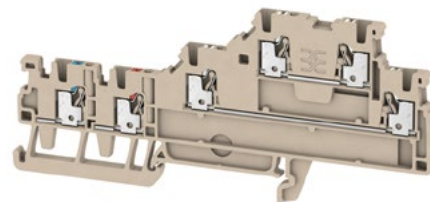
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AI022 1.5 SI-PE	100	1992230000
AI022 1.5 SI-PE OR	100	2579640000

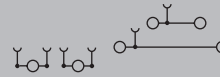
Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IO22	50	1993590000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

AI023 1.5 2SI

1.5 mm²



3.5 x 110 x 49.5
13.5 / 1.5
0.14...1.5



In accordance with IEC
60947-7-1

Ex eb II C Gbll 2 G D



IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

4 kV / 3

A1 / V-0



Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AI023 1.5 2SI	100	1992220000
AI023 1.5 2SI OR	100	2579620000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IO23	50	1993600000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000



A modular distribution system with proven tension-clamp connections

Distribution terminal bars from stackable single modules, consisting of carrier and base elements

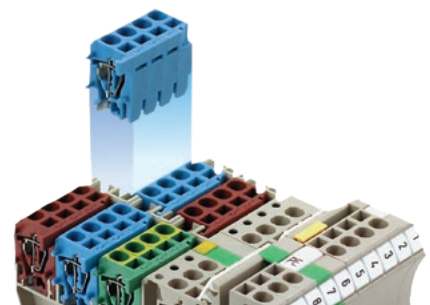
The basis for this modular system is the side-by-side mounting of the individual modules of the distribution terminals with their integral cross-connection. The female contact is on one side, the male contact on the other. Thanks to the modular thin-element design, variable distribution strips can be set up to suit the application. The base elements, which are clipped onto TS 35 terminal rails, form the supports for these module combinations. These base elements are available in a number of different versions:

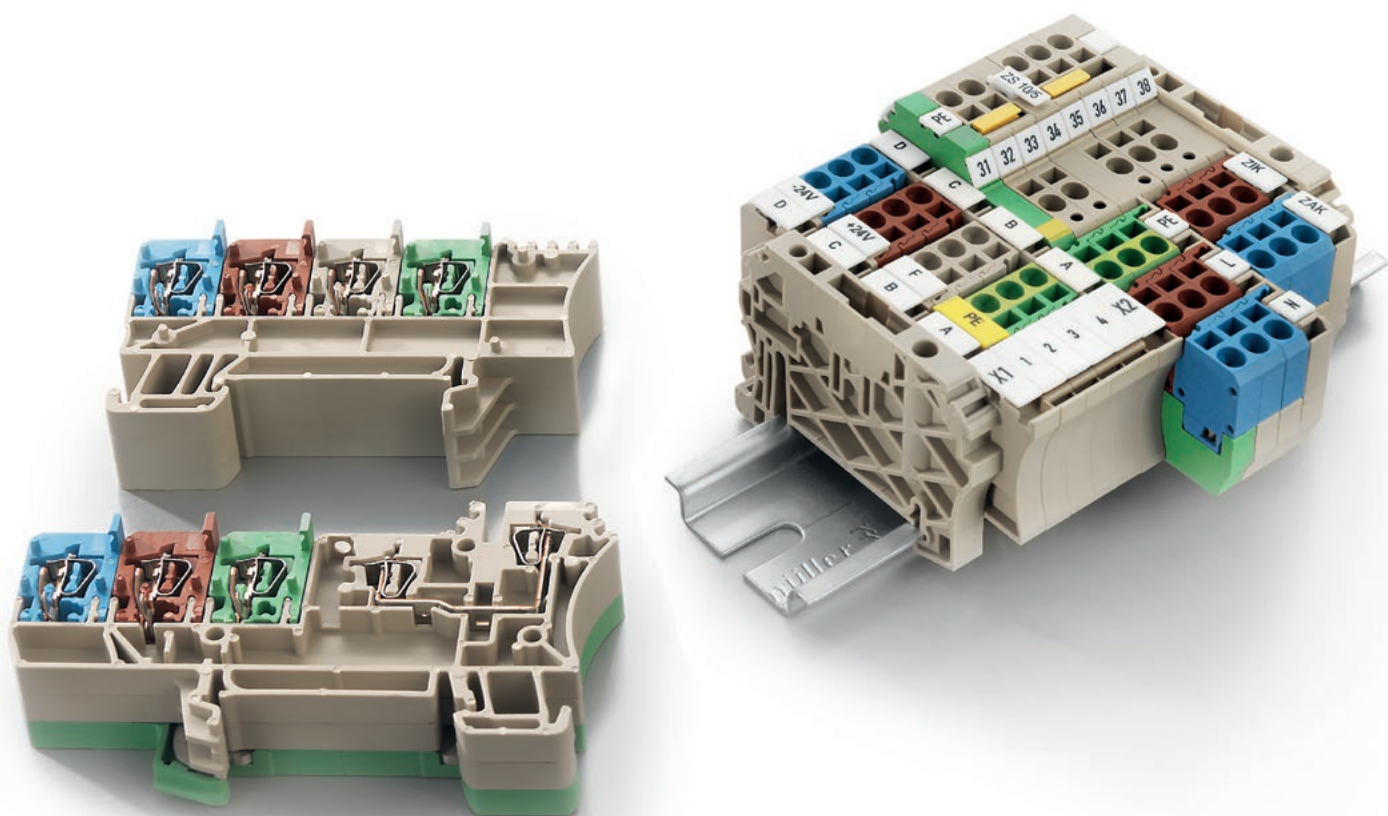
- Carrier elements with and without signal lines for 3- and 4-wire connections
- Modular construction which enables individual configuration

BPLC
I/O

Simple operation

The distribution terminals with integrated cross-connections can be joined together and be snapped into the base elements by hand.





B



For initiators and actuators

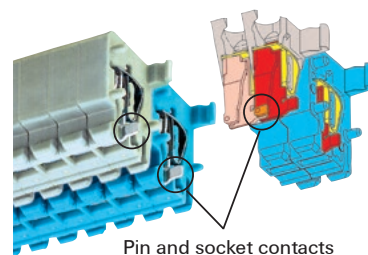
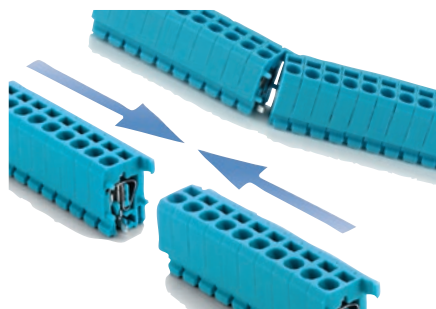
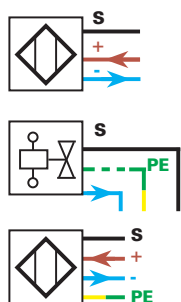
The modular distribution strip system is a convenient way to supply initiators and actuators with three- or four-wire power connections.

Modular system

Variable number of poles available on account of their simple connection or separation capabilities.

Integrated cross-connection

Potential distribution with integrated cross-connections of the male and female contacts.



Signal wiring
Tension clamp connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/-
Max. clamping range	-

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Base terminal
	Base terminal with LED
	PE base terminal

Note

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
End plate / Partition plate	
	dark beige
	With spigot
	Without peg
Screwdriver	
	Standard
Marking tags	

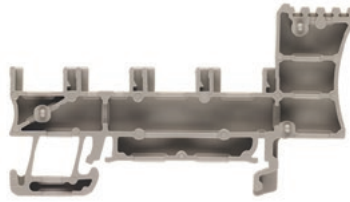


For detailed information on other accessories and application in the online catalogue

ZPV 1.5

1.5 mm²

Flange-mounted housing



5.1 x 67.8 x 38.35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
/ V-0			



Rated connection

7 /

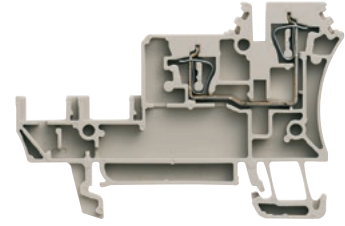
Type	Qty.	Order No.
ZPV 1.5	100	1676630000

Type	Qty.	Order No.
ZAP/TW ZPV1.5	50	1674650000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

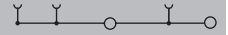
ZIA 1.5/3 L...

1.5 mm²

Base element 4-wire



5.08 x 68.5 x 45.5
/ 2.5
0.13...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A1 / V-0			



Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
7 / 0.6 x 3.5 mm

Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000)

Type	Qty.	Order No.
ZIA 1.5/3L-1S	100	1651980000
ZIA 1.5/3L-1S/LD-RT	50	1651990000
ZIA 1.5/3L-PE	20	1652000000

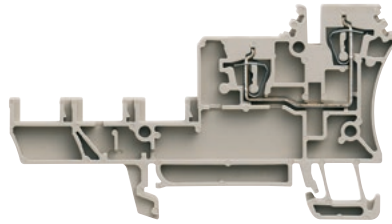
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
ZQV 2.5/50	24 A 10	1697540000
ZRH 1.5N/1	1000	1632140000
ZRH 1.5N/2	1000	1632130000
ZAP/TW ZIA1.5/3L	50	1649540000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044



ZIA 1.5/4 L...

1.5 mm²

Base element 4-wire



ZVL 1.5

1.5 mm²

Distribution strip



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.08 x 81.5 x 45.5	
/ 2.5	
0.13...2.5	

5.08 x 12.9 x 17.45	
/ 2.5	
0.13...2.5	

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A1 / V-0			
CE			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...1.5			
7 / 0.6 x 3.5 mm			
Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A2 / V-0			
CE			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...1.5			
7 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	dark beige
	Blue
	Green/yellow
	Base terminal
	Base terminal with LED
	PE base terminal
	Brown
Note	

Type	Qty.	Order No.
ZIA 1.5/4L-1S	100	1652010000
ZIA 1.5/4L-1S/LD	50	1652020000
ZIA 1.5/4L-PE	20	1652030000

Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 0.QV	100	1711930000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 BR	100	1650370000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
Reducing sleeves	
	for conductors < 1.0 mm ² / AWG 18
	for conductors < 0.5 mm ² / AWG 20
End plate / Partition plate	
	dark beige
	Without peg
	With spigot
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
ZQV 2.5/50	24 A 10	1697540000
ZRH 1.5N/2	1000	1632130000
ZRH 1.5N/1	1000	1632140000
ZAP/TW ZIA1.5/4L	50	1649550000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZRH 1.5N/2	1000	1632130000
ZRH 1.5N/1	1000	1632140000
BZT ZVL1.5/0.ZA	100	1676620000
BZT ZVL1.5	100	1676610000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue



Signal wiring
Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Electronic fixtures	
Component voltage / Component current	-/-
Operating voltage for display, max. / Current	-/-
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	dark beige dark beige (red LED) dark beige (green LED)
Note	

Accessories

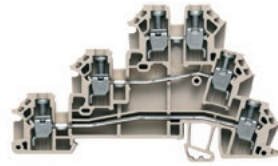
Screwable cross-connection	2-pole 3-pole 4-pole 10-pole
Cross-connector	black red blue
End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Screwdriver PH2
Small partition	Small partition
Marking tags	

For detailed information on other accessories and application in the online catalogue

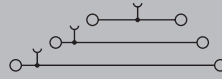
DLD 2.5

2.5 mm²

Voltage supply



6.2 x 82.5 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 0.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty.	Order No.
DLD 2.5 DB	50	1784180000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000

VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 RT	17.5 A 5	1633290000
VQB 1.5/50 BL	17.5 A 5	1633280000

AP DLI2.5 DB	20	1783550000
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EW 35	50	0383560000
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SDS 0.6X3.5X100	1	2749340000
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TSCH 1	100	0319160000
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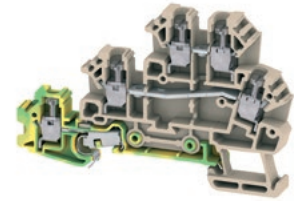
DEK 5/6 MC NE WS	1000	1609820000
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TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.)

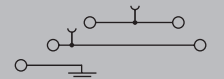
DLD 2.5 PE

2.5 mm²

Lower level earthed



6.1 x 74.5 x 48.5
17.5 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 0.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty.	Order No.
DLD 2.5/PE DB	50	1783790000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000

VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 RT	17.5 A 5	1633290000
VQB 1.5/50 BL	17.5 A 5	1633280000

AP DLD2.5/PE DB	20	1783800000
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EW 35	50	0383560000
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SDS 0.6X3.5X100	1	2749340000
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TSCH 1	100	0319160000
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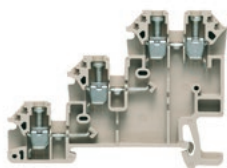
DEK 5/6 MC NE WS	1000	1609820000
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TEAP DLD2.5/PE DB partial end plate, Order no. 1783810000 (20 pcs.)

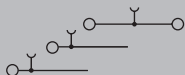
DLI 2.5

2.5 mm²

Initiator connection (signal,+,-)



6.1 x 66 x 48.5
32 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

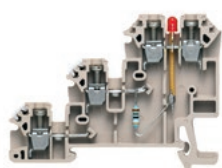
Type	Qty.	Order No.
DLI 2.5 DB	100	1783820000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 RT	17.5 A 5	1633290000
VQB 1.5/50 BL	17.5 A 5	1633280000
AP DLI 2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

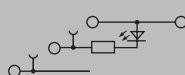
DLI 2.5 LD PNP

2.5 mm²

Initiator connection with LED



6.1 x 66 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30		30	
24		10	
2.5	AWG 26...12	AWG 26...12	
0.8 kV / 3			
A3 / V-0			



30 / 5

Rated connection

0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

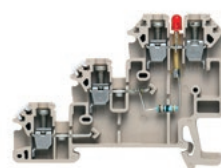
Type	Qty.	Order No.
DLI 2.5/LD-RT/PNP +- DB	50	1783980000
DLI 2.5/LD-GN/PNP +- DB	50	1783970000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 RT	17.5 A 5	1633290000
VQB 1.5/50 BL	17.5 A 5	1633280000
AP DLI 2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

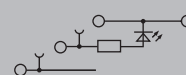
DLI 2.5 LD NPN

2.5 mm²

Initiator connection with LED



6.1 x 66 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30		30	
24		10	
2.5	AWG 26...12	AWG 26...12	
0.8 kV / 3			
A3 / V-0			



30 / 5

Rated connection

0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/NPN +- DB	50	1783950000
DLI 2.5/LD-GN/NPN +- DB	50	1783940000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 RT	17.5 A 5	1633290000
VQB 1.5/50 BL	17.5 A 5	1633280000
AP DLI 2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000



Signal wiring
Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Electronic fixtures	
Component voltage / Component current	-/-
Operating voltage for display, max. / Current	-/-
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	dark beige (red LED)
	dark beige (green LED)
Note	

Accessories

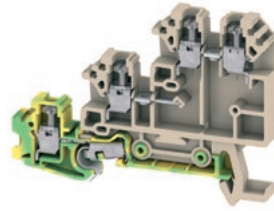
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
Cross-connector	
	black
	red
	blue
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
Small partition	
	Small partition
Marking tags	

For detailed information on other accessories and application in the online catalogue

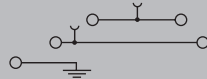
DLA 2.5

2.5 mm²

Actuator connection (signal, -PE)



6.1 x 65 x 48.5
26 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm
Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

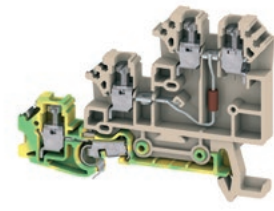
Type	Qty.	Order No.
DLA 2.5 DB	100	1783560000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 RT	17.5 A 5	1633290000
VQB 1.5/50 BL	17.5 A 5	1633280000
AP DLI2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

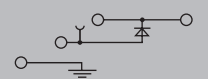
DLA 2.5/D

2.5 mm²

Actuator connection (circuit with diode)



6.1 x 66 x 48.5
17.5 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm
Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty.	Order No.
DLA 2.5/D DB	100	1783590000

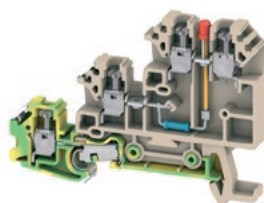
Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 RT	17.5 A 5	1633290000
VQB 1.5/50 BL	17.5 A 5	1633280000
AP DLI2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

For detailed information on other accessories and application in the online catalogue

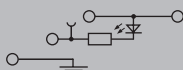
DLA 2.5/LD

2.5 mm²

Actuator connection with LED



6.1 x 66 x 48.5
17.5 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
30		30	
17.5		10	
2.5	AWG 26...12	AWG 26...12	
0.8 kV / 3			
A3 / V-0			



30 / 5

Rated connection

0.5...4 / 1.5...4

0.5...4

0.4...0.6 / (M 2.5)

7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLA 2.5/LD-RT DB	50	1783600000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	17.5 A 5	1635120000
VQB 1.5/50 RT	17.5 A 5	1633290000
VQB 1.5/50 BL	17.5 A 5	1633280000
AP DLI2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000





WDU 2.5/TC

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-
Max. clamping range	mm ²

10.2 x 60 x 50	
/ 2.5	
0.13...2.5	

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

IEC 60584, IEC 60947-7-1 Ex eb II C Gbll 2 G D

IEC	UL	CSA	EN 60079-7
	50		55
			8
2.5	AWG 30...12		2.5 mm ²
/ 3			
A2 / V-0			
		SIRA 02ATEX3153 U	
Rated connection			
0.5...2.5 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
0.4...0.6 / (M 2.5)			
10 / 0.6 x 3.5 mm			

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

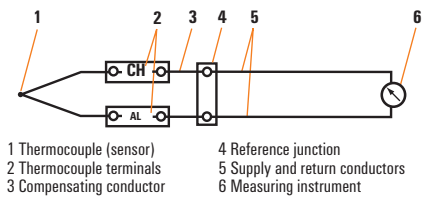
Note

Ordering data

Version	
(NiCr - Ni) type K	
(Cu - CuNi) type T	
(Fe-CuNi) type J	
(Pt 10% - Pt Rh/Pt 13% - Pt Rh) type SR	
(Pt 10% Rh - Pt 6% Rh) type B	
(NiCr - CuNi) type E	
(NiSiI - Nicrosil) type N	
Note	

Type	Qty.	Order No.
WDU 2.5/TC TYP K	25	1024100000
WDU 2.5/TC TYP T	25	1024200000
WDU 2.5/TC TYP J	25	1024300000
WDU 2.5/TC TYP SR	25	1024400000
WDU 2.5/TC TYP B	25	1033700000
WDU 2.5/TC TYP E	25	1033300000
WDU 2.5/TC TYP N	25	1041500000

Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Compensating conductor
- 4 Reference junction
- 5 Supply and return conductors
- 6 Measuring instrument

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature measuring circuit.

Technical data

Thermocouples to IEC 584 (DIN 43 710)

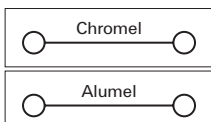
Accessories

End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Marking tags	

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044

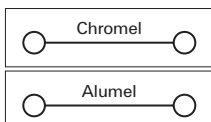
For detailed information on other accessories and application in the online catalogue

WDU 2.5/TC TYP K



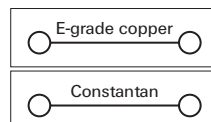
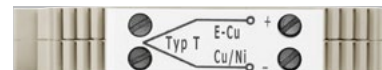
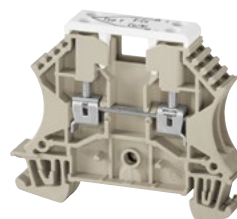
Type	Qty.	Order No.
WDU 2.5/TC TYP K	25	1024100000

WDU 2.5/AP/TC BL TYP K



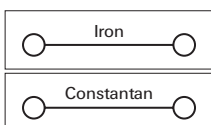
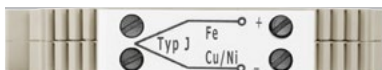
Type	Qty.	Order No.
WDU 2.5/AP/TC BL TYP K	25	1032880000

WDU 2.5/TC TYP T



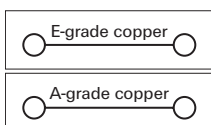
Type	Qty.	Order No.
WDU 2.5/TC TYP T	25	1024200000

WDU 2.5/TC TYP J



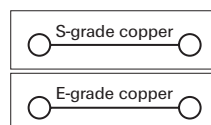
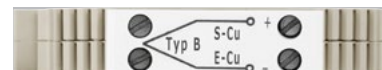
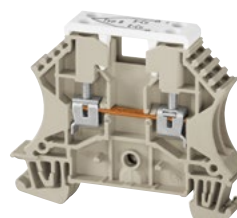
Type	Qty.	Order No.
WDU 2.5/TC TYP J	25	1024300000

WDU 2.5/TC TYP SR



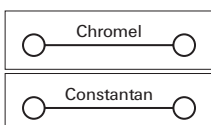
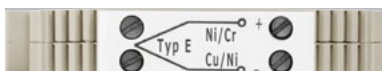
Type	Qty.	Order No.
WDU 2.5/TC TYP SR	25	1024400000

WDU 2.5/TC TYP B



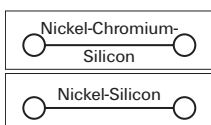
Type	Qty.	Order No.
WDU 2.5/TC TYP B	25	1033700000

WDU 2.5/TC TYP E



Type	Qty.	Order No.
WDU 2.5/TC TYP E	25	1033300000

WDU 2.5/TC TYP N



Type	Qty.	Order No.
WDU 2.5/TC TYP N	25	1041500000

B



Space-saving connection of process control systems

Efficient marshalling and distribution with Klippon® Connect signals

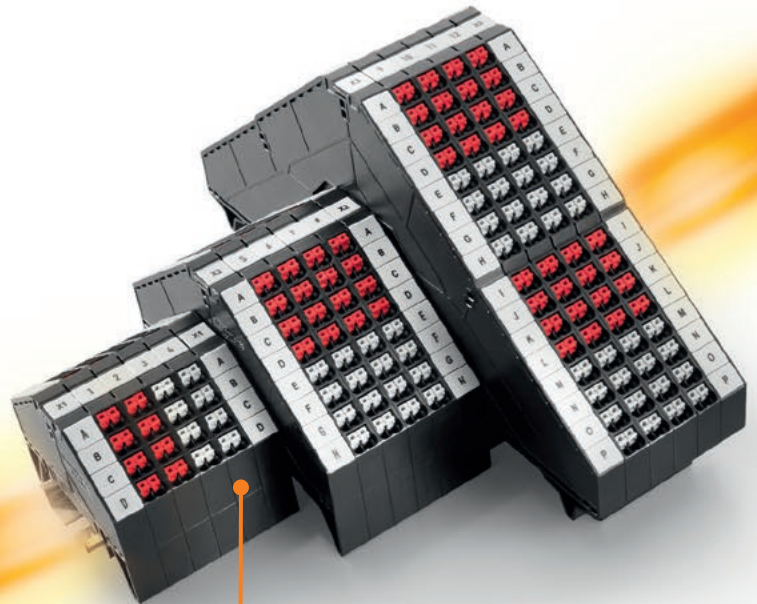
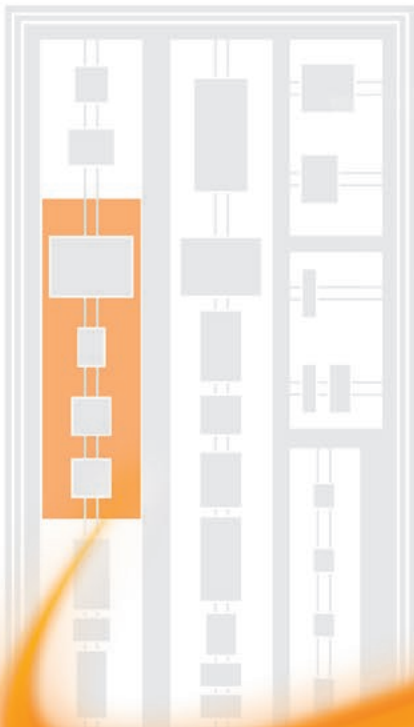


Increasingly complex requirements for automation processes and increasing demands in terms of monitoring and recording operational data have led to an ever-increasing number of sensors in the field for process technology. This means that space- and time-saving wiring of signals in Signal marshalling panels in the process and energy generation industries is becoming increasingly demanding. Our terminal blocks for Signal marshalling enable extremely compact yet clear panel design. The additional signals for automation can be easily connected and processed.

Our promise

With our terminal blocks for Signal marshalling, you have maximum flexibility from the planning phase: potential later extensions can be planned in from the start. This means that Klippon® Connect saves you time and money and considerably improves productivity.

B

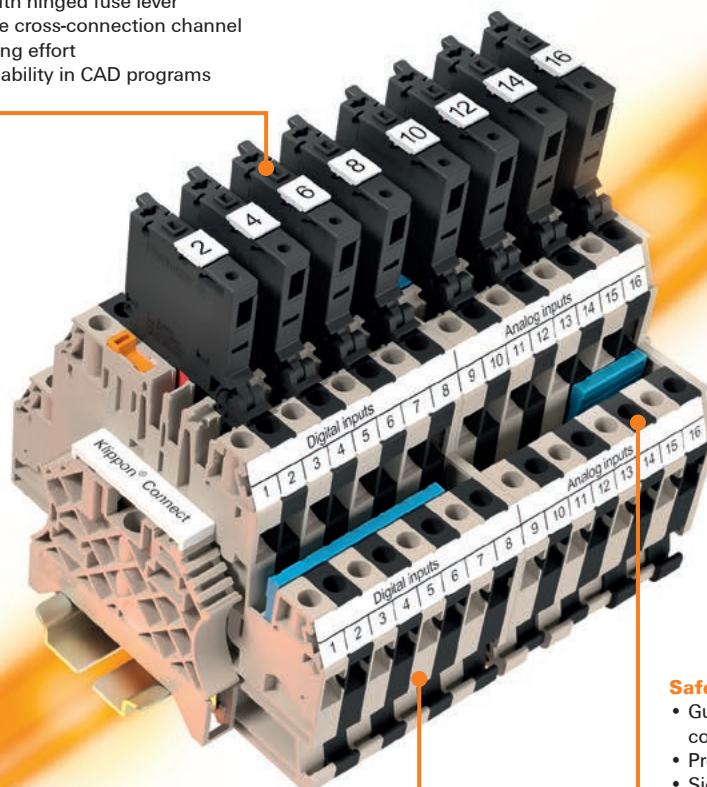


Space saving

- Up to 50 percent more space in the panel thanks to optimised design
- Subsequent design extensions can be considered from the outset

Time saving

- Fast and convenient fuse replacement thanks to fuse holder with hinged fuse lever
- A double or triple cross-connection channel ensures low wiring effort
- Digital data availability in CAD programs

**Safety**

- Guaranteed vibration-proof and gas-tight connections
- Protection against electromagnetic influences
- Signal loops measurable when fuse lever is open

Flexibility

- A double or triple cross-connection channel provides smart potential distribution
- Last-minute function change possible
- Endless strip marker for large-area marking

B

Our range**Unique design for plenty of space:**

Our PUSH IN terminal blocks for Signal marshalling (PRV) with up to 16 connection levels are specially designed to meet the requirements for wiring initiator and actuator signals in process control engineering. The optimised design guarantees a space saving of up to 50 percent in the panel. And the unique V-shape of the current bars ensures consistently low contact resistances.

**One solution for all requirements:**

The WMF-Series of screw connection terminals is a multi-functional solution for the marshalling and distribution of signals. Feed-through, fuse and disconnecter function plus an additional shield connection are included in one design.



More flexibility in signal wiring and potential distribution

Klippon® Connect W2C and W2T Range for signal marshaling

Automation in the process industry requires flexible solutions for complex production processes. Your circuit diagrams are no less complex and often undergo changes shortly before the end. With our new range of DCS marshalling terminal blocks you can solve these challenges. Even a „last minute change“ is feasible for you without having to change the wiring you have already done. Thanks to the single- and double-level arrangement of the terminal blocks, combined with the provision of the four basic functions (continuity, disconnect, fuse, ground), you achieve maximum flexibility when connecting your devices wired in the field. We also offer you an alternative to connecting the shield to PE for your potential-free shielding concepts.

B

DCS
I/O

Cross connection channel provision

On all levels terminals the double cross connection possibility allows you a rational and comfortable potential distribution for Analogue and Digital inputs and outputs. The single level terminal blocks offer up to three cross connection channels.



Hollow screw head equipped versions

In order to ease and increase your efficiency in signal loop verifications, our "STB" versions are equipped with tightening screws with hollow screw heads thus allowing direct and secure insertion of appropriate test probes in hands-free operations.





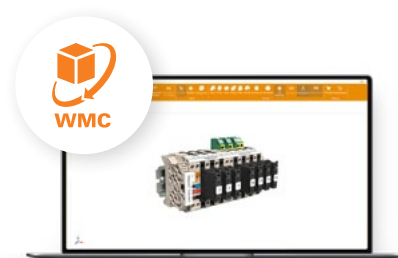
Signal loop testing

During your DCS marshalling signal loop checks, you can insert your probes need not only upstream and downstream the fuse in closed position you also can open the fuse carrier while your test probes are plugged. This allows you a make before break testing.



Data provision and rationalized accessory base

Full data provision in the Weidmüller Configurator (WMC), to enhance and streamline design-in process of the complete solution. The wizard guide helps to select the correct items of critical safety accessories in order to obtain a 100% safe and rationalized product configuration.



Plan, install, and operate optimally

Planning – with perfect support

Data provision and rationalized accessory base

Full data provision in the Weidmüller Configurator (WMC), to enhance and streamline design-in process of the complete solution. The wizard guide helps to select the correct items of critical safety accessories in order to obtain a 100% safe and rationalized product configuration.



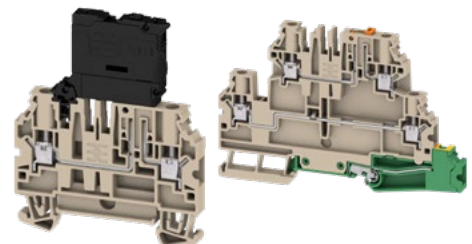
Full range of international approvals

The new W2C / W2T range is equipped with the full spectrum of approvals qualifying its choice for use in Process-related hazardous, non-hazardous locations and on board of vessels for Marine applications.



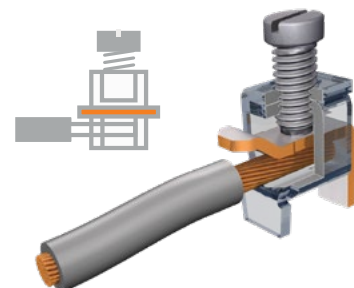
Compact footprint

The new single and double tier range terminals offer you full breadth of functionality in a very limited footprint, thus allowing maximum signal wiring density in a cabinet. In the case of the 2 level terminal block, up to 3 different electrical functions can be implemented (fuse/disconnect, feed-through and PE).



Reliable clamping yoke screw technology

Throughout the whole proposal the terminal blocks are equipped with Weidmüller's self-locking, maintenance free clamping yoke wiring technology. This has proven itself in decades of service life giving unrivalled connection safety and reliability inside the application.

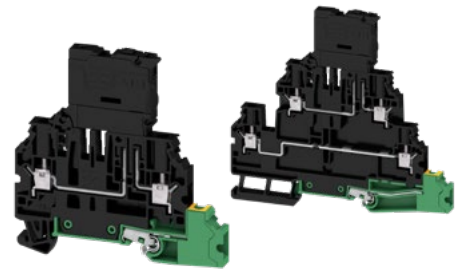


Plan, install, and operate optimally

Installation – simple, fast, and safe

Integrated PE contact for shielding

You can choose the new single and double tier terminals also with integrated PE contact onto the DIN rail to allow rational shield connection from incoming field wire cables. Thus allowing space and component savings in the cabinet.



Integrated shield bus bar to be connected to your floating ground

As alternative to connecting the shield to PE you can use the potential-free shield bus bar. You can use this as integrated part of a single tier terminal block which saves you space and costs. It allows you to use your floating ground for the shield that avoids a coupling loop for noise currents present in the ground system.



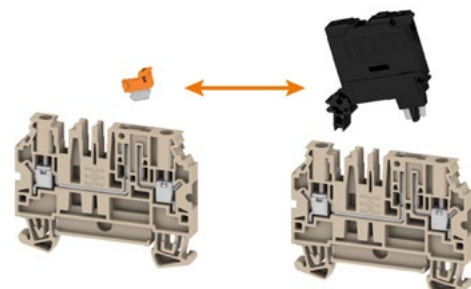
Cross connection channel provision

On all levels terminals the double cross connection possibility allows you a rational and comfortable potential distribution for Analogue and Digital inputs and outputs. The single level terminal blocks offer up to three cross connection channels.



Function change – Last minute changes

The disconnect and fuse versions can allow you an easy function change by replacing disconnect lever with hinged fuse carrier or vice versa, thus accommodating late minute changes in cabinets. Your wire installation can remain unchanged.



Plan, install, and operate optimally

Operation – norm-compliant and safe

Hollow screw head equipped versions

In order to ease and increase your efficiency in signal loop verifications, our “STB” versions are equipped with tightening screws with hollow screw heads thus allowing direct and secure insertion of appropriate test probes in hands-free operations.



B

Signal loop testing

During your DCS marshalling signal loop checks, you can insert your probes need not only upstream and downstream the fuse in closed position you also can open the fuse carrier while your test probes are plugged. This allows you a make before break testing.



Additional marking and enhanced potential distribution possibility

You can use the multi-functional channel on the left to equip a marker holder or you can use it for a third cross-connection, providing one common feeding for adjoining feed through and disconnect terminals.



Endless strip marker

The endless strip marker fits perfectly on the terminal rail. Without any pitch the marker could be fixed over every terminal block as well as endplates in one line. Thus allowed absolutely flexibility during the planning, installation and operation phase. Additionally the strip markers offers a big marking area for multiple lines.

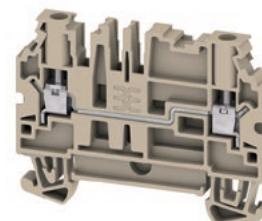
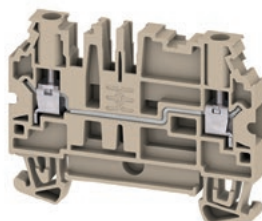


W2C 4 FT

4 mm²

W2C 4 FT STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 46	
32 / 6	
0.25...6	

6.1 x 60 x 46	
32 / 6	
0.25...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			550
32			29
4			4 mm ²
		8 kV / 3	
		A3 / V-0	
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			550
32			29
4			4 mm ²
		8 kV / 3	
		A3 / V-0	
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

Note

Ordering data

Version	
	dark beige
	Blue
	Black
Note	

Type	Qty.	Order No.
W2C 4 FT	50	2892650000
W2C 4 FT BL	50	2892660000
W2C 4 FT BK	50	2892670000

Type	Qty.	Order No.
W2C 4 FT STB	50	2892680000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	dark beige
Screwdriver	Screwdriver PH2
Marker holder	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	orange
Switch lock	red
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	
	WS 8/6 MM WS
	DEK 5/6 MM WS
	DEK 5/6 PLUS MC NE WS
	DEK 5/5 MC NE WS
For detailed information on other accessories and application in the online catalogue	

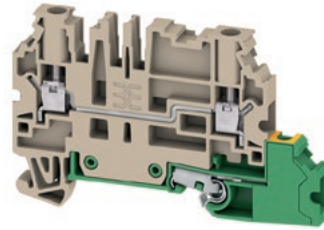
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
BZT W2C 4	20	2894270000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
BZT W2C 4	20	2894270000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044



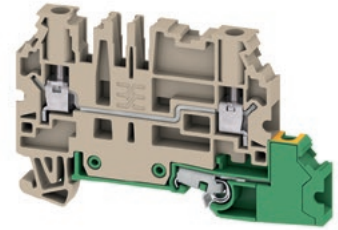
W2C 4 FT-PE

4 mm²



W2C 4 FT-PE STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 72.5 x 46	
32 / 6	
0.25...6	

6.1 x 72.5 x 46	
32 / 6	
0.25...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			550
32			29
4			4 mm ²
		8 kV / 3	
		A3 / V-0	

Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			550
32			29
4			4 mm ²
		8 kV / 3	
		A3 / V-0	

Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

Ordering data

Version	
	dark beige
	Blue
	Black
Note	

Type	Qty.	Order No.
W2C 4 FT-PE	50	2892690000
Note		

Type	Qty.	Order No.
W2C 4 FT-PE STB	50	2892700000
Note		

Accessories

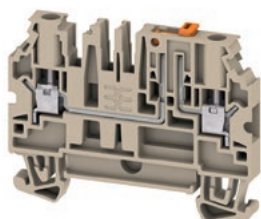
Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
Marker holder	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
Switch lock	
	red
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	
	WS 8/6 MM WS
	DEK 5/6 MM WS
	DEK 5/6 PLUS MC NE WS
	DEK 5/5 MC NE WS
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
BZT W2C 4	20	2894270000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044
Note		

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
BZT W2C 4	20	2894270000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044
Note		

W2C 4 DT

4 mm²



6.1 x 60 x 48
28 / 6
0.25...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			550
28			26
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DT	50	2892740000
W2C 4 DT BL	50	2892750000
W2C 4 DT BK	50	2892760000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000

WEW 35/2	50	1061200000
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SDS 0.6X3.5X100	1	2749340000
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BZT W2C 4	20	2894270000
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SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000

TNST OR	20 A 50	2463540000
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DTLE 2.5/4	25	2910530000
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BEST	50	1833100000
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BEST/D	1 A 50	1878560000
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WS 8/6 MM WS	600	2007160000
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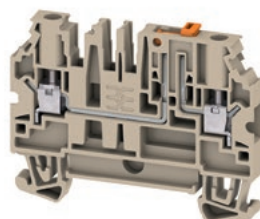
DEK 5/6 MM WS	600	2007120000
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DEK 5/6 PLUS MC NE WS	1000	1011320000
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DEK 5/5 MC NE WS	1000	1609801044
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W2C 4 DT STB

4 mm²



6.1 x 60 x 48
28 / 6
0.25...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			550
28			26
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DT STB	50	2892770000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000

WEW 35/2	50	1061200000
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SDS 0.6X3.5X100	1	2749340000
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BZT W2C 4	20	2894270000
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SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000

TNST OR	20 A 50	2463540000
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DTLE 2.5/4	25	2910530000
------------	----	------------

BEST	50	1833100000
------	----	------------

BEST/D	1 A 50	1878560000
--------	--------	------------

WS 8/6 MM WS	600	2007160000
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DEK 5/6 MM WS	600	2007120000
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DEK 5/6 PLUS MC NE WS	1000	1011320000
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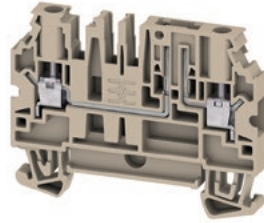
DEK 5/5 MC NE WS	1000	1609801044
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Signal marshalling
Screw connection


W2C 4 DT W/O DTLV

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 48
28 / 6
0.25...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
28			
4			
		6 kV / 3	
		A3 / V-0	

UK US CSA

Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

Note

Ordering data

Version	without isolator, dark beige without isolator, black without isolator, blue
Note	

Type	Qty.	Order No.
W2C 4 DT W/O DTLV	50	2892780000
W2C 4 DT W/O DTLV BK	50	2892800000
W2C 4 DT W/O DTLV BL	50	2892790000

Accessories

Plug-in cross-connection	2-pole 10-pole
End plate	dark beige blue Black
End bracket	dark beige
Screwdriver	Screwdriver PH2
Marker holder	dark beige
Holder for cartridge fuse 5 x 20 mm	400 V AC/DC, without LED 10 - 36 V AC/DC, red LED 35 - 70 V AC/DC, red LED 60 - 150 V AC/DC, red LED 140 - 250 V AC/DC, red LED
Disconnect plug	orange
Module connector (max, 250 V)	without fittings With 1N4007 diode
Marking tags	

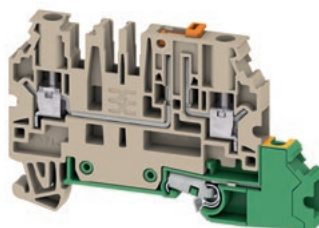
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
BZT W2C 4	20	2894270000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue



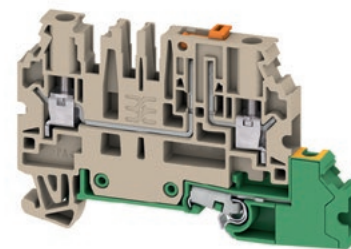
W2C 4 DT-PE

4 mm²



W2C 4 DT-PE STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 72.5 x 48	
28 / 6	
0.25...6	

6.1 x 72.5 x 48	
28 / 4	
0.25...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			550
28			26
4			4 mm ²
6 kV / 3			
A3 / V-0			

IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			550
28			26
4			4 mm ²
6 kV / 3			
A3 / V-0			

Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
W2C 4 DT-PE	50	2892810000

Type	Qty.	Order No.
W2C 4 DT-PE STB	50	2892820000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
Marker holder	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
Switch lock	
	red
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
BZT W2C 4	20	2894270000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
BZT W2C 4	20	2894270000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue



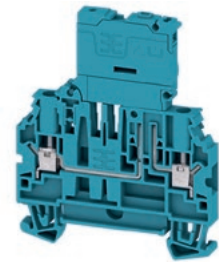
W2C 4 FS DB

4 mm²



W2C 4 FS BL

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 75
6.3 / 6
0.25...6

6.1 x 60 x 75
6.3 / 6
0.25...6

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

Note

The voltage depends on the selected fuse element or the selected indicator light.

The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version
500 V AC/DC, without LED
10-36 V AC/DC, with LED
30-70 V AC/DC, with LED
60-150 V AC/DC, with LED
100 - 250 V AC/DC, with LED

Note

Type	Qty.	Order No.
W2C 4 FS DB	50	2892900000
W2C 4 FS 10-36V DB	50	2892980000
W2C 4 FS 30-70V DB	50	2893010000
W2C 4 FS 60-150V DB	50	2893040000
W2C 4 FS 100-250V DB	50	2893080000

Type	Qty.	Order No.
W2C 4 FS BL	50	2892910000
W2C 4 FS 10-36V BL	50	2892990000
W2C 4 FS 30-70V BL	50	2893020000
W2C 4 FS 60-150V BL	50	2893050000
W2C 4 FS 100-250V BL	50	2893090000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	dark beige
Screwdriver	Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

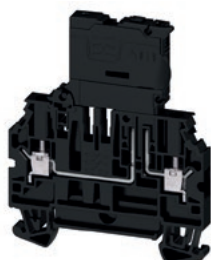
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

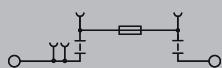
For detailed information on other accessories and application in the online catalogue

W2C 4 FS BK

4 mm²



6.1 x 60 x 75
6.3 / 6
0.25...6



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

The voltage depends on the selected fuse element or the selected indicator light.

Type	Qty.	Order No.
W2C 4 FS BK	50	2892920000
W2C 4 FS 10-36V BK	50	2893000000
W2C 4 FS 30-70V BK	50	2893030000
W2C 4 FS 60-150V BK	50	2893070000
W2C 4 FS 100-250V BK	50	2893110000

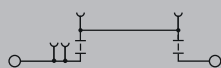
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

W2C 4 DTCA DB

4 mm²



6.1 x 60 x 75
20 / 6
0.25...6



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
20			
4			
6 kV / 3			
A3 / V-0			

Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DTCA DB	50	3018840000

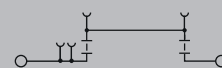
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

W2C 4 DTCA BL

4 mm²



6.1 x 60 x 75
20 / 6
0.25...6



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
20			
4			
6 kV / 3			
A3 / V-0			

Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

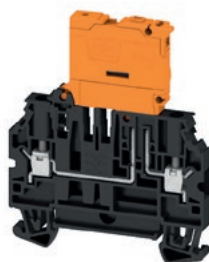
Type	Qty.	Order No.
W2C 4 DTCA BL	50	3018940000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044



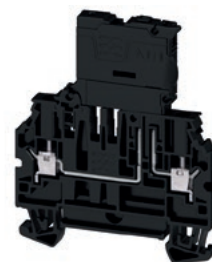
W2C 4 DTCA BK

4 mm²



W2C 4 FS BK STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 75
20 / 6
0.25...6

6.1 x 60 x 75
6.3 / 6
0.25...6

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
500			
20			
4			
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
	6 kV / 3		
	A3 / V-0		
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

Note

The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
W2C 4 DTCA BK	50	3019240000

Type	Qty.	Order No.
W2C 4 FS BK STB	50	2892930000
W2C 4 FS 10-36V BK STB	50	2892940000
W2C 4 FS 30-70V BK STB	50	2892950000
W2C 4 FS 60-150V BK STB	50	2892960000
W2C 4 FS 100-250V BK STB	50	2892970000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

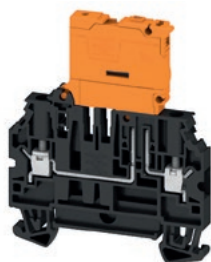
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

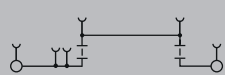
For detailed information on other accessories and application in the online catalogue

W2C 4 DTCA BK STB

4 mm²



6.1 x 60 x 75
20 / 6
0.25...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
20			
4			
6 kV / 3			
A3 / V-0			

Rated connection

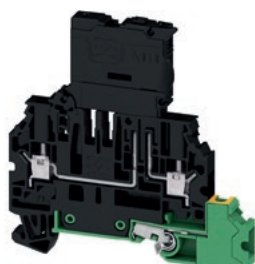
0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DTCA BK STB	50	3019260000

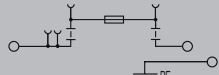
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

W2C 4 FS-PE BK

4 mm²



6.1 x 72.5 x 75
6.3 / 6
0.25...6



IEC 60947-7-3, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

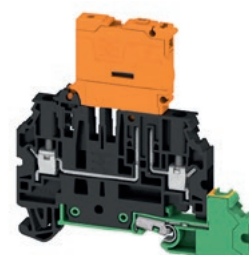
The voltage depends on the selected fuse element or the selected indicator light.

Type	Qty.	Order No.
W2C 4 FS-PE BK	50	2893120000
W2C 4 FS-PE 10-36V BK	50	2893140000
W2C 4 FS-PE 30-70V BK	50	2893150000
W2C 4 FS-PE 60-150V BK	50	2893160000
W2C 4 FS-PE 100-250V BK	50	2893170000

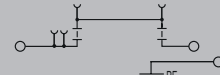
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

W2C 4 DTCA-PE BK

4 mm²



6.1 x 72.5 x 75
20 / 6
0.25...6



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			
20			
4			
6 kV / 3			
A3 / V-0			

Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

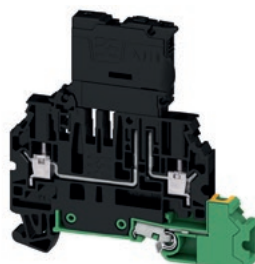
Type	Qty.	Order No.
W2C 4 DTCA-PE BK	50	3019280000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044



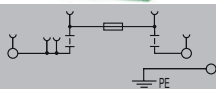
W2C 4 FS-PE BK STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 72.5 x 75
6.3 / 6
0.25...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-3, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

The voltage depends on the selected fuse element or the selected indicator light.

Note

Ordering data

Version	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
W2C 4 FS-PE BK STB	50	2893130000
W2C 4 FS-PE 10-36V BK STB	50	2893180000
W2C 4 FS-PE 30-70V BK STB	50	2893190000
W2C 4 FS-PE 60-150V BK STB	50	2893200000
W2C 4 FS-PE 100-250V BK STB	50	2893210000

Accessories

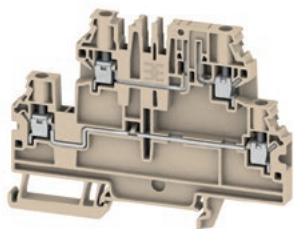
Plug-in cross-connection	2-pole
	10-pole
End plate	dark beige
	blue
	Black
End bracket	dark beige
Screwdriver	Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2C 4	20	2894210000
WEP 2C 4 BL	20	2894220000
WEP 2C 4 BK	20	2894230000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

W2T 4 FT-FT

4 mm²

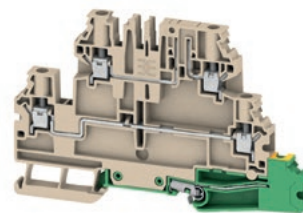


6.1 x 95.5 x 72.5
28 / 6
0.25...6

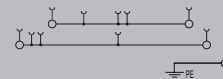


W2T 4 FT-FT-PE

4 mm²



6.1 x 106.5 x 72.5
28 / 6
0.25...6



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
	Black

Note

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Black
	blue
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
Switch lock	
	red
Module connector (max. 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	

For detailed information on other accessories and application in the online catalogue

IEC	UL	CSA	EN 60079-7
500			
28			
4			
		6 kV / 3	
		/ V-0	

Rated connection	
	0.25...6 / 0.25...6
	0.25...6 / 0.25...4
	0.5...1.5
	8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2T 4 FT-FT	50	3019380000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000

Type	Qty.	Order No.
DTLE 2.5/4	25	2910530000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

IEC	UL	CSA	EN 60079-7
500			
28			
4			
		/ 3	
		/ V-0	

Rated connection	
	0.25...6 / 0.25...6
	0.25...6 / 0.25...4
	0.5...1.5
	8 / 0.6 x 3.5 mm

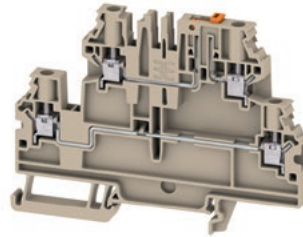
Type	Qty.	Order No.
W2T 4 FT-FT-PE	50	3019400000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000

Type	Qty.	Order No.
DTLE 2.5/4	25	2910530000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

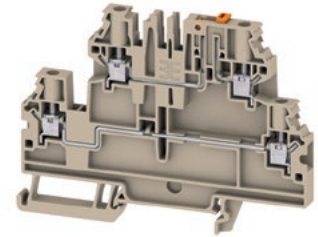
W2T 4 DT-FT

4 mm²



W2T 4 DT-FT STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 95.5 x 72.5
28 / 6
0.25...6

6.1 x 95.5 x 72.5
28 / 6
0.25...6

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-1			
IEC	UL	CSA	EN 60079-7
500			550
28			23
4			4 mm ²
6 kV / 3			
A3 / V-0			
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

IEC 60947-1			
IEC	UL	CSA	EN 60079-7
500			550
28			23
4			4 mm ²
6 kV / 3			
A3 / V-0			
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

Note

Ordering data

Version	dark beige
	Blue
	Black
Note	

Type	Qty.	Order No.
W2T 4 DT-FT	50	2893690000
W2T 4 DT-FT BL	50	2893700000
W2T 4 DT-FT BK	50	2893710000

Type	Qty.	Order No.
W2T 4 DT-FT STB	50	2893720000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Black
	blue
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
Switch lock	
	red
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	

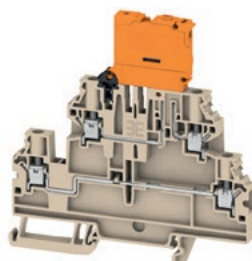
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

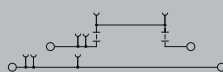
For detailed information on other accessories and application in the online catalogue

W2T 4 DTCA-FT

4 mm²

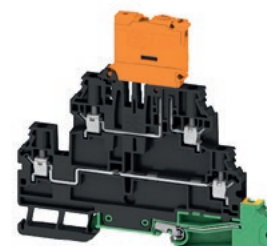


6.1 x 95.5 x 72.5
28 / 6
0.25...6

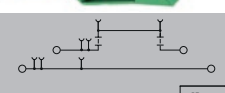


W2T 4 DTCA-FT-PE

4 mm²



6.1 x 106.5 x 72.5
28 / 6
0.25...6



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
	Black

Note

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Black
	blue
End bracket	dark beige
Screwdriver	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	orange
Switch lock	red
Module connector (max, 250 V)	
	without fittings
	With 1N4007 diode
Marking tags	
	WS 8/6 MM WS
	DEK 5/6 MM WS
	DEK 5/6 PLUS MC NE WS
	DEK 5/5 MC NE WS

For detailed information on other accessories and application in the online catalogue

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
28			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2T 4 DTCA-FT DB	50	3019300000
W2T 4 DTCA-FT BL	50	3019320000
W2T 4 DTCA-FT BK	50	3019340000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DTLE 2.5/4	25	2910530000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

IEC	UL	CSA	EN 60079-7
500			
28			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

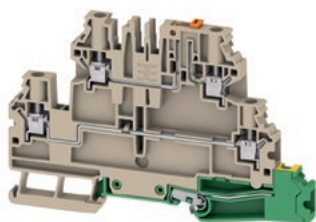
Type	Qty.	Order No.
W2T 4 DTCA-FT-PE BK	50	3019360000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DTLE 2.5/4	25	2910530000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044



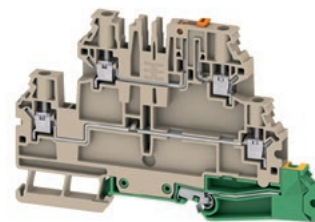
W2T 4 DT-FT-PE

4 mm²



W2T 4 DT-FT-PE STB

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 106.5 x 72.5	
28 / 6	
0.25...6	

6.1 x 106.5 x 72.5	
28 / 6	
0.25...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1, IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
500			550
28			23
4			4 mm ²
6 kV / 3			
A3 / V-0			
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

IEC 60947-7-1, IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
500			550
28			23
4			4 mm ²
6 kV / 3			
A3 / V-0			
Rated connection			
0.25...6 / 0.25...6			
0.25...6 / 0.25...4			
0.5...1.5			
8 / 0.6 x 3.5 mm			

Note

Ordering data

Version	dark beige Blue Black
Note	

Type	Qty.	Order No.
W2T 4 DT-FT-PE	50	2893730000

Type	Qty.	Order No.
W2T 4 DT-FT-PE STB	50	2893740000

Accessories

Plug-in cross-connection	2-pole 10-pole
End plate	dark beige Black blue
End bracket	dark beige
Screwdriver	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	400 V AC/DC, without LED 10 - 36 V AC/DC, red LED 35 - 70 V AC/DC, red LED 60 - 150 V AC/DC, red LED 140 - 250 V AC/DC, red LED
Disconnect plug	orange
Switch lock	red
Module connector (max, 250 V)	without fittings With 1N4007 diode
Marking tags	

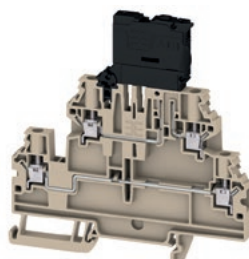
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BK	20	2894260000
WEP 2T 4 BL	20	2894250000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
DTLE 2.5/4	25	2910530000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

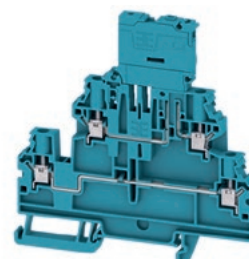
W2T 4 FS-FT DB

4 mm²



W2T 4 FS-FT BL

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 95.5 x 99.5
6.3 / 6
0.25...6

6.1 x 95.5 x 99.5
6.3 / 6
0.25...6

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

The voltage depends on the selected fuse element or the selected indicator light.

The voltage depends on the selected fuse element or the selected indicator light.

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	

Note

Type	Qty.	Order No.
W2T 4 FS-FT DB	50	2893850000
W2T 4 FS-FT 10-36V DB	50	2893880000
W2T 4 FS-FT 30-70V DB	50	2893910000
W2T 4 FS-FT 60-150V DB	50	2893940000
W2T 4 FS-FT 100-250V DB	50	2893970000

Type	Qty.	Order No.
W2T 4 FS-FT BL	50	2893860000
W2T 4 FS-FT 10-36V BL	50	2893890000
W2T 4 FS-FT 30-70V BL	50	2893920000
W2T 4 FS-FT 60-150V BL	50	2893950000
W2T 4 FS-FT 100-250V BL	50	2893980000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

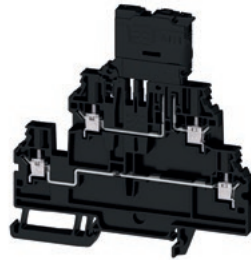
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

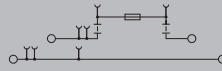


W2T 4 FS-FT BK

4 mm²



6.1 x 95.5 x 99.5
6.3 / 6
0.25...6



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

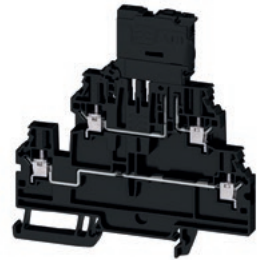
Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
	Black
End bracket	dark beige
Screwdriver	Screwdriver PH2
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

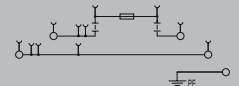
For detailed information on other accessories and application in the online catalogue

W2T 4 FS-FT BK STB

4 mm²



6.1 x 95.5 x 99.5
6.3 / 6
0.25...6



IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection	
0.25...6 / 0.25...6	
0.25...6 / 0.25...4	
0.5...1.5	
8 / 0.6 x 3.5 mm	

The voltage depends on the selected fuse element or the selected indicator light.

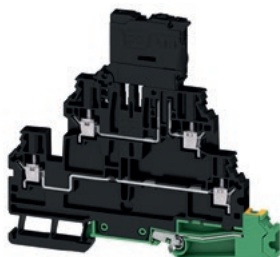
Type	Qty.	Order No.
W2T 4 FS-FT BK STB	50	2894000000
W2T 4 FS-FT 10-36V BK STB	50	2894010000
W2T 4 FS-FT 30-70V BK STB	50	2894020000
W2T 4 FS-FT 60-150V BK STB	50	2894030000
W2T 4 FS-FT 100-250V BK STB	50	2894040000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

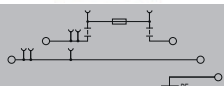
For detailed information on other accessories and application in the online catalogue

W2T 4 FS-FT-PE BK

4 mm²



6.1 x 106.5 x 99.5
6.3 / 6
0.25...6



IEC 60947-7-3, IEC 60947-7-2, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			



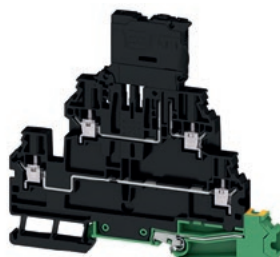
Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

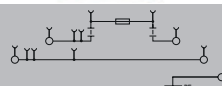
The voltage depends on the selected fuse element or the selected indicator light.

W2T 4 FS-FT-PE BK STB

4 mm²



6.1 x 106.5 x 99.5
6.3 / 6
0.25...6



IEC 60947-7-3, IEC 60947-7-2, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
36			
6.3			6.3
4			4 mm ²
6 kV / 3			
A3 / V-0			



Rated connection

0.25...6 / 0.25...6
0.25...6 / 0.25...4
0.5...1.5
8 / 0.6 x 3.5 mm

The voltage depends on the selected fuse element or the selected indicator light.

Type	Qty.	Order No.
W2T 4 FS-FT-PE BK	50	2894050000
W2T 4 FS-FT-PE 10-36V BK	50	2894060000
W2T 4 FS-FT-PE 30-70V BK	50	2894070000
W2T 4 FS-FT-PE 60-150V BK	50	2894080000
W2T 4 FS-FT-PE 100-250V BK	50	2894090000

Type	Qty.	Order No.
W2T 4 FS-FT-PE BK STB	50	2894100000
W2T 4 FS-FT-PE 10-36V BK STB	50	2894110000
W2T 4 FS-FT-PE 30-70V BK STB	50	2894120000
W2T 4 FS-FT-PE 60-150V BK STB	50	2894130000
W2T 4 FS-FT-PE 100-250V BK STB	50	2894140000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WEP 2T 4	20	2894240000
WEP 2T 4 BL	20	2894250000
WEP 2T 4 BK	20	2894260000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/5 MC NE WS	1000	1609801044



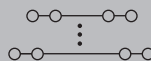


PRV 4 RT

1.5 mm²



9.2 x 70 x 54.5
13 / 1.5
0.13...1.5

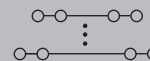


PRV 4 WS

1.5 mm²



9.2 x 70 x 54.5
13 / 1.5
0.13...1.5



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5

Note

Accessories

End plate	black blue grey
Marker holder	black for TS 35x15 blue for TS 35x15 black for TS 35x7.5 blue for TS 35x7.5
Spacer	Unprinted Printed 0...3 or 0...7 or 0...15 Printed 1...4 or 1...8 or 1...16 Printed A...D or A...H or A...P
End bracket	black
Screwdriver	Standard
Plug-in cross-connection	2-pole
Marking tags	

For detailed information on other accessories and application in the online catalogue

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	16	AWG 26...16	
4 kV / 3			
/ V-0			



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
PRV 4 SW 35X15 RT	20	1173810000
PRV 4 BL 35X15 RT	20	1267890000
PRV 4 SW 35X7.5 RT	20	1173830000
PRV 4 BL 35X7.5 RT	20	1267900000

Type	Qty.	Order No.
PAP PRV/PPV4 SW	10	1173750000
PAP PRV/PPV4 BL	10	1268010000
PAP PRV/PPV4 GR	10	1211450000

Type	Qty.	Order No.
BZT PRV4 SW 35X15	20	1173590000
BZT PRV4 BL 35X15	20	1267980000
BZT PRV4 SW 35X7.5	20	1173600000
BZT PRV4 BL 35X7.5	20	1267990000

Type	Qty.	Order No.
TW PRV4	10	1173700000
TW PRV4 0-3	10	1230060000
TW PRV4 1-4	10	1230050000
TW PRV4 A-D	10	1230070000

Type	Qty.	Order No.
ZEW 35/2 SW	20	1162610000

Type	Qty.	Order No.
SDIS SLIM 0.6X3.5X100	1	2749610000

Type	Qty.	Order No.
SRC-I QV P	10	8870840000

Type	Qty.	Order No.
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

IEC 60947-7-1, DIN EN 60079

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	16	AWG 26...16	
4 kV / 3			
/ V-0			



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
PRV 4 SW 35X15 WS	20	1173820000
PRV 4 BL 35X15 WS	20	1173920000
PRV 4 SW 35X7.5 WS	20	1173840000
PRV 4 BL 35X7.5 WS	20	1173930000

Type	Qty.	Order No.
PAP PRV/PPV4 SW	10	1173750000
PAP PRV/PPV4 BL	10	1268010000
PAP PRV/PPV4 GR	10	1211450000

Type	Qty.	Order No.
BZT PRV4 SW 35X15	20	1173590000
BZT PRV4 BL 35X15	20	1267980000
BZT PRV4 SW 35X7.5	20	1173600000
BZT PRV4 BL 35X7.5	20	1267990000

Type	Qty.	Order No.
TW PRV4	10	1173700000
TW PRV4 0-3	10	1230060000
TW PRV4 1-4	10	1230050000
TW PRV4 A-D	10	1230070000

Type	Qty.	Order No.
ZEW 35/2 SW	20	1162610000

Type	Qty.	Order No.
SDIS SLIM 0.6X3.5X100	1	2749610000

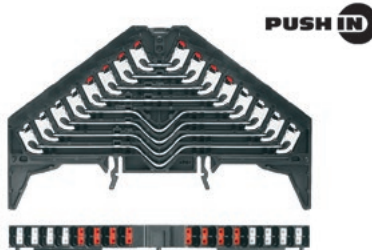
Type	Qty.	Order No.
SRC-I QV P	10	8870840000

Type	Qty.	Order No.
WS 7.8/9.2 PLUS MC NE GR	360	1208970000



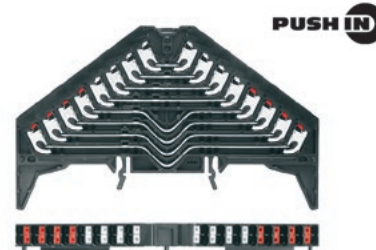
PRV 8 RT/WS

1.5 mm²



PRV 8 WS/RT

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9.2 x 120 x 73	
10 / 1.5	
0.13...1.5	

9.2 x 120 x 73	
10 / 1.5	
0.13...1.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
250	300	300	
8	10	10	
1.5	16	AWG 26...16	
4 kV / 3			
/ V-0			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

IEC 60947-1

IEC	UL	CSA	EN 60079-7
250	300	300	
8	10	10	
1.5	16	AWG 26...16	
4 kV / 3			
/ V-0			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5

Type	Qty.	Order No.
PRV 8 SW 35X15 RT/WS	20	1173740000
PRV 8 BL 35X15 RT/WS	20	1267830000
PRV 8 SW 35X7.5 RT/WS	20	1173790000
PRV 8 BL 35X7.5 RT/WS	20	1267840000

Type	Qty.	Order No.
PRV 8 SW 35X15 WS/RT	20	1173780000
PRV 8 BL 35X15 WS/RT	20	1173900000
PRV 8 SW 35X7.5 WS/RT	20	1173800000
PRV 8 BL 35X7.5 WS/RT	20	1173910000

Note

Accessories

End plate	black
	blue
	grey
Marker holder	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5
Spacer	Unprinted
	Printed 0...3 or 0...7 or 0...15
	Printed 1...4 or 1...8 or 1...16
	Printed A...D or A...H or A...P
End bracket	black
Screwdriver	Standard
Plug-in cross-connection	2-pole
Marking tags	

Type	Qty.	Order No.
PAP PRV/PPV8 SW	10	1173720000
PAP PRV/PPV8 BL	10	1268000000
PAP PRV/PPV8 GR	10	1211460000
BZT PRV8 SW 35X15	20	1173570000
BZT PRV8 BL 35X15	20	1267950000
BZT PRV8 SW 35X7.5	20	1173580000
BZT PRV8 BL 35X7.5	20	1267970000
TW PRV8	10	1173670000
TW PRV8 0-7	10	1230090000
TW PRV8 1-8	10	1230080000
TW PRV8 A-H	10	1230110000
ZEW 35/2 SW	20	1162610000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

Type	Qty.	Order No.
PAP PRV/PPV8 SW	10	1173720000
PAP PRV/PPV8 BL	10	1268000000
PAP PRV/PPV8 GR	10	1211460000
BZT PRV8 SW 35X15	20	1173570000
BZT PRV8 BL 35X15	20	1267950000
BZT PRV8 SW 35X7.5	20	1173580000
BZT PRV8 BL 35X7.5	20	1267970000
TW PRV8	10	1173670000
TW PRV8 0-7	10	1230090000
TW PRV8 1-8	10	1230080000
TW PRV8 A-H	10	1230110000
ZEW 35/2 SW	20	1162610000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

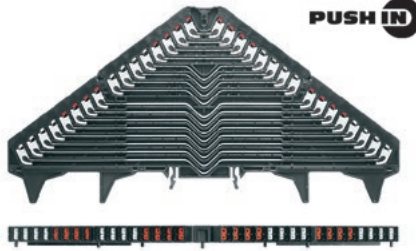
For detailed information on other accessories and application in the online catalogue



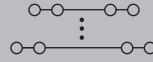


PRV 16 RT/WS

1.5 mm²

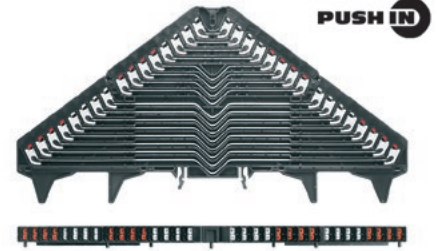


9.2 x 225 x 113.5
11 / 1.5
0.13...1.5

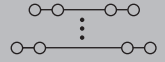


PRV 16 WS/RT

1.5 mm²



9.2 x 225 x 113.5
11 / 1.5
0.13...1.5



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

IEC 60947-7-1, DIN EN 60079

IEC	UL	CSA	EN 60079-7
250	300	300	
6	1	1	
1.5	16	AWG 26...16	
4 kV / 3			
/ V-0			



Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

IEC 60947-7-1, DIN EN 60079

IEC	UL	CSA	EN 60079-7
250	300	300	
6	1	1	
1.5	16	AWG 26...16	
4 kV / 3			
/ V-0			



Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

Note

Ordering data

Version	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5

Note

Type	Qty.	Order No.
PRV 16 SW 35X15 RT/WS	20	1173620000
PRV 16 BL 35X15 RT/WS	20	1267790000
PRV 16 SW 35X7.5 RT/WS	20	1173680000
PRV 16 BL 35X7.5 RT/WS	20	1267810000

Type	Qty.	Order No.
PRV 16 SW 35X15 WS/RT	20	1173650000
PRV 16 BL 35X15 WS/RT	20	1267800000
PRV 16 SW 35X7.5 WS/RT	20	1173710000
PRV 16 BL 35X7.5 WS/RT	20	1267820000

Accessories

End plate	
	black
	blue
	grey

Marker holder	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5

Spacer	
	Unprinted
	Printed 0...3 or 0...7 or 0...15
	Printed 1...4 or 1...8 or 1...16
	Printed A...D or A...H or A...P

End bracket	
	black

Screwdriver	
	Standard

Plug-in cross-connection	
	2-pole

Marking tags	
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Type	Qty.	Order No.

Type	Qty.	Order No.
BZT PRV16 SW 35X15	20	1173540000
BZT PRV16 BL 35X15	20	1267930000
BZT PRV16 SW 35X7.5	20	1173550000
BZT PRV16 BL 35X7.5	20	1267940000

Type	Qty.	Order No.
TW PRV16	10	1173630000
TW PRV16 0-15	10	1230130000
TW PRV16 1-16	10	1230120000
TW PRV16 A-P	10	1230140000

Type	Qty.	Order No.
WEW 35/1 SW	50	1162600000

Type	Qty.	Order No.
SDIS SLIM 0.6X3.5X100	1	2749610000

Type	Qty.	Order No.
SRC-I QV P	10	8870840000

Type	Qty.	Order No.
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

Type	Qty.	Order No.

Type	Qty.	Order No.
BZT PRV16 SW 35X15	20	1173540000
BZT PRV16 BL 35X15	20	1267930000
BZT PRV16 SW 35X7.5	20	1173550000
BZT PRV16 BL 35X7.5	20	1267940000

Type	Qty.	Order No.
TW PRV16	10	1173630000
TW PRV16 0-15	10	1230130000
TW PRV16 1-16	10	1230120000
TW PRV16 A-P	10	1230140000

Type	Qty.	Order No.
WEW 35/1 SW	50	1162600000

Type	Qty.	Order No.
SDIS SLIM 0.6X3.5X100	1	2749610000

Type	Qty.	Order No.
SRC-I QV P	10	8870840000

Type	Qty.	Order No.
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

For detailed information on other accessories and application in the online catalogue

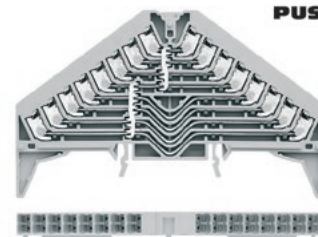
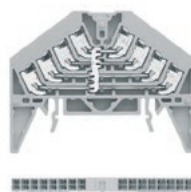


PPV 4

1.5 mm²

PPV 8

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

9.2 x 70 x 54.5	
/ 1.5	
0.13...1.5	

9.2 x 120 x 73	
/ 1.5	
0.13...1.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

IEC 60947-7-1, DIN EN 60079

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...16	AWG 26...16	
4 kV / 3			
/ V-0			

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.5	

10 / 0.6 x 3.5 mm

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...16	AWG 26...16	
4 kV / 3			
/ V-0			

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.5	

10 / 0.6 x 3.5 mm

Note

Ordering data

Version	
	blue for TS 35x15
	grey for TS 35x15
	orange for TS 35x15
	blue for TS 35x7.5
	grey for TS 35x7.5
	orange for TS 35x7.5

Note

Type	Qty.	Order No.
PPV 4 BL 35X15 DGR	20	1267910000
PPV 4 GR 35X15 DGR	20	1173880000
PPV 4 OR 35X15 DGR	20	1301610000
PPV 4 BL 35X7.5 DGR	20	1267920000
PPV 4 GR 35X7.5 DGR	20	1173890000
PPV 4 OR 35X7.5 DGR	20	1301630000

Type	Qty.	Order No.
PPV 8 BL 35X15 DGR	20	1267870000
PPV 8 GR 35X15 DGR	20	1173850000
PPV 8 OR 35X15 DGR	20	1301620000
PPV 8 BL 35X7.5 DGR	20	1267880000
PPV 8 GR 35X7.5 DGR	20	1173870000
PPV 8 OR 35X7.5 DGR	20	1301640000

Accessories

End plate	
	black
	blue
	grey
Marker holder	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5
Spacer	
	Unprinted
	Printed 0...3 or 0...7 or 0...15
	Printed 1...4 or 1...8 or 1...16
	Printed A...D or A...H or A...P
End bracket	
	black
Screwdriver	
	Standard
Plug-in cross-connection	
	2-pole
Marking tags	

Type	Qty.	Order No.
PAP PRV/PPV4 SW	10	1173750000
PAP PRV/PPV4 BL	10	1268010000
PAP PRV/PPV4 GR	10	1211450000
BZT PRV4 SW 35X15	20	1173590000
BZT PRV4 BL 35X15	20	1267980000
BZT PRV4 SW 35X7.5	20	1173600000
BZT PRV4 BL 35X7.5	20	1267990000
TW PRV4	10	1173700000
TW PRV4 0-3	10	1230060000
TW PRV4 1-4	10	1230050000
TW PRV4 A-D	10	1230070000
ZEW 35/2 SW	20	1162610000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

Type	Qty.	Order No.
PAP PRV/PPV8 SW	10	1173720000
PAP PRV/PPV8 BL	10	1268000000
PAP PRV/PPV8 GR	10	1211460000
BZT PRV8 SW 35X15	20	1173570000
BZT PRV8 BL 35X15	20	1267950000
BZT PRV8 SW 35X7.5	20	1173580000
BZT PRV8 BL 35X7.5	20	1267970000
TW PRV8	10	1173670000
TW PRV8 0-7	10	1230090000
TW PRV8 1-8	10	1230080000
TW PRV8 A-H	10	1230110000
ZEW 35/2 SW	20	1162610000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

For detailed information on other accessories and application in the online catalogue



Signal marshalling
Screw connection

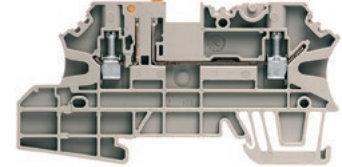
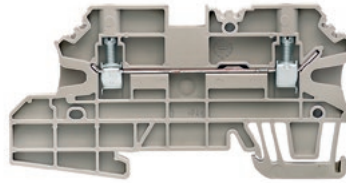


WMF 2.5

2.5 mm²

WMF 2.5 DI

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

5.08 x 88 x 44.5	
32 / 4	
0.5...4	

5.08 x 88 x 44.5	
20 / 4	
0.5...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

Ex ec II C GcII 3 G			
IEC	UL	CSA	EN 60079-7
800	600	600	500
24	20	26	23
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...0.6 / (M 3)			
10 / 0.6 x 3.5 mm			

Ex ec II C GcII 3 G			
IEC	UL	CSA	EN 60079-7
500	600	300	500
20	19	19	18.5
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...0.6 / (M 3)			
10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
WMF 2.5	50	1143070000
WMF 2.5 BL	50	1270040000

Type	Qty.	Order No.
WMF 2.5 DI	50	1143020000
WMF 2.5 DI BL	50	1270070000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	dark beige
End bracket	dark beige, screwable
	dark beige
Screwdriver	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AP WMF2.5	50	1142990000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000

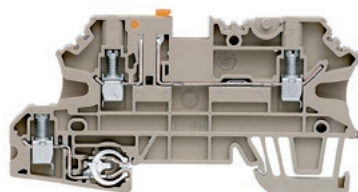
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AP WMF2.5	50	1142990000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000

Module connector (max, 250 V)	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	removable, as replacement for release lever
Marking tags	

For detailed information on other accessories and application in the online catalogue

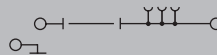
WMF 2.5 DI PE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

5.08 x 88 x 44.5
20 / 4
0.5...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

Ex ec II C GcII 3 G

IEC	UL	CSA	EN 60079-7
500	600	600	500
20	19	19	18.5
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A3 / V-0			

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...0.6 / (M 3)	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	dark beige
	Blue
Note	

Type	Qty.	Order No.
WMF 2.5 DI PE	50	1143030000
WMF 2.5 DI PE BL	50	1270080000

Accessories

Plug-in cross-connection	2-pole
	10-pole
End plate / Partition plate	dark beige
End bracket	dark beige, screwable
	dark beige
Screwdriver	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	removable, as replacement for release lever
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AP WMF2.5	50	1142990000
WEW 35/1	50	1059000000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue





Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Black
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED

Note

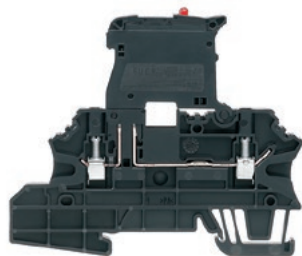
Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Marking tags	

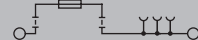
For detailed information on other accessories and application in the online catalogue

WMF 2.5 FU

2.5 mm²



5.08 x 88 x 74
6.3 / 4
0.5...4



Ex ec II C GcII 3 G

IEC	UL	CSA	EN 60079-7
36	600	600	
6.3	17	17	6.3
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...0.6 / (M 3)	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WMF 2.5 FU SW	50	1162920000
WMF 2.5 FU 10-36V SW	50	1162930000
WMF 2.5 FU 30-70V SW	50	1162940000
WMF 2.5 FU 60-150V SW	50	1162950000
WMF 2.5 FU 100-250V SW	50	1162960000

The WMF FU terminals may not be aligned directly under one another.

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AP WMF2.5	50	1142990000
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WEW 35/2	50	1061200000
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SDS 0.6X3.5X100	1	2749340000
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Type	Qty.	Order No.
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000

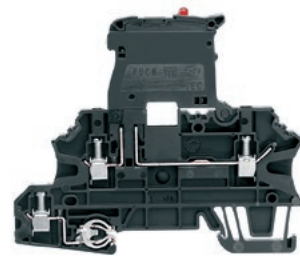
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000

TNST	20 A 50	1833090000
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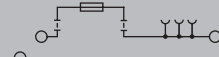
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

WMF 2.5 FU PE

2.5 mm²



5.08 x 88 x 74
6.3 / 4
0.5...4



Ex ec II C GcII 3 G

IEC	UL	CSA	EN 60079-7
36	600	600	
6.3	17	17	6.3
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...0.6 / (M 3)	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WMF 2.5 FU PE SW	50	1163040000
WMF 2.5 FU PE 10-36V SW	50	1163050000
WMF 2.5 FU PE 30-70V SW	50	1163060000
WMF 2.5 FU PE 60-150V SW	50	1163070000
WMF 2.5 FU PE 100-250V SW	50	1163080000

The WMF FU terminals may not be aligned directly under one another.

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AP WMF2.5	50	1142990000
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WEW 35/2	50	1061200000
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SDS 0.6X3.5X100	1	2749340000
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Type	Qty.	Order No.
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000

BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000

TNST	20 A 50	1833090000
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DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

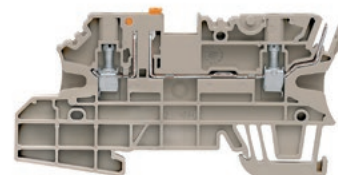
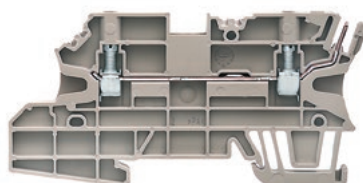


WMF 2.5 BLZ

2.5 mm²

WMF 2.5 DI BLZ

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

5.08 x 90 x 44.5	BLZ 5.08
32 / 4	
0.5...4	

5.08 x 90 x 44.5	BLZ 5.08
20 / 4	
0.5...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	26	
2.5	AWG 26...12	AWG 26...12	
8 kV / 3			
A3 / V-0			

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
20	19	19	
2.5	AWG 26...12	AWG 26...12	
8 kV / 3			
A3 / V-0			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

Note

With BLZ plug the nominal current is reduced to 15.5 A.

With BLZ plug the nominal current is reduced to 15.5 A.

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
WMF 2.5 BLZ	50	1143050000

Type	Qty.	Order No.
WMF 2.5 DI BLZ	50	1143000000

Accessories

Plug-in cross-connection	2-pole 10-pole
End plate / Partition plate	dark beige
End bracket	dark beige, screwable dark beige
Screwdriver	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	400 V AC/DC, without LED 10 - 36 V AC/DC, red LED 140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	without fittings with wire jumper With 1N4007 diode
Disconnect plug	removable, as replacement for release lever
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AP WMF2.5	50	1142990000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000

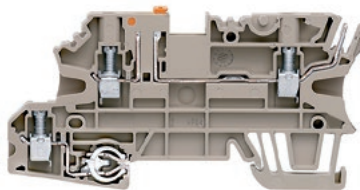
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AP WMF2.5	50	1142990000
WEW 35/1	50	1059000000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue



WMF 2.5 DI BLZ PE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

5.08 x 90 x 44.5	BLZ 5.08
20 / 4	
0.5...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
20	19	19	
2.5	AWG 26...12	AWG 26...12	
8 kV / 3			
A3 / V-0			



Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...0.6 Nm / (M 3)	
10 / 0.6 x 3.5 mm	

With BLZ plug the nominal current is reduced to 15.5 A.

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
WMF 2.5 DI BLZ PE	50	1143010000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige
Screwdriver	
	Screwdriver PH2
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Marking tags	

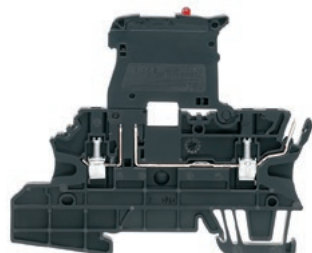
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AP WMF2.5	50	1142990000
WEW 35/1	50	1059000000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue



WMF 2.5 FU BLZ

2.5 mm²



5.08 x 90 x 74
6.3 / 4
0.5...4

IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-3

IEC	UL	CSA	EN 60079-7
36	300	300	
6.3	17	17	
2.5	AWG 26...12	AWG 26...12	
8 kV / 3			
A3 / V-0			



Rated connection	
Solid / Stranded	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw	0.5...0.6 / (M 3)
Stripping length / Blade size	10 / 0.6 x 3.5 mm

Width/Height/Depth mm
max. current / max. cond. cross-section A
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	

Approvals

Clamped conductors

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Black
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED

Note

Accessories

Plug-in cross-connection	
	2-pole
	10-pole

End plate / Partition plate	
	dark beige

End bracket	
	dark beige, screwable

Screwdriver	
	Screwdriver PH2

Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED

Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode

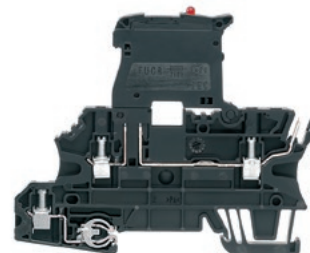
Disconnect plug	
	removable, as replacement for release lever

Marking tags	
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For detailed information on other accessories and application in the online catalogue

WMF 2.5 FU BLZ PE

2.5 mm²



5.08 x 90 x 74
6.3 / 4
0.5...4

IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-3

IEC	UL	CSA	EN 60079-7
36	300	300	
6.3	17	17	
2.5	AWG 26...12	AWG 26...12	
8 kV / 3			
A3 / V-0			



Rated connection	
Solid / Stranded	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw	0.5...0.6 / (M 3)
Stripping length / Blade size	10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WMF 2.5 FU BLZ SW	50	1162980000
WMF 2.5 FU BLZ 10-36V SW	50	1162990000
WMF 2.5 FU BLZ 30-70V SW	50	1163000000
WMF 2.5 FU BLZ 60-150V SW	50	1163010000
WMF 2.5 FU BLZ 100-250V SW	50	1163020000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
AP WMF2.5	50	1142990000

Type	Qty.	Order No.
WEW 35/1	50	1059000000

Type	Qty.	Order No.
SDS 0.6X3.5X100	1	2749340000

Type	Qty.	Order No.
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000

Type	Qty.	Order No.
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000

Type	Qty.	Order No.
TNST	20 A 50	1833090000

Type	Qty.	Order No.
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Type	Qty.	Order No.
WMF 2.5 FU BLZ PE SW	50	1162820000
WMF 2.5 FU BLZ PE 10-36V SW	50	1162830000
WMF 2.5 FU BLZ PE 100-250V SW	50	1162860000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
AP WMF2.5	50	1142990000

Type	Qty.	Order No.
WEW 35/1	50	1059000000

Type	Qty.	Order No.
SDS 0.6X3.5X100	1	2749340000

Type	Qty.	Order No.
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000

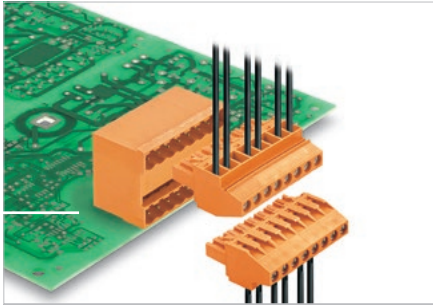
Type	Qty.	Order No.
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000

Type	Qty.	Order No.
TNST	20 A 50	1833090000

Type	Qty.	Order No.
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000



BLZP 5.08HC../90



The BLZP is the functional extension of the BLZ series. The "P" in the part name stands for a plus in security and performance in processing and use.

- WIRE READY – delivered with terminal points already opened
- Power tools can be used with the globally compatible plus/minus screw head
- Folded steel clamping yoke accommodates the connected wire and compensates for temperature fluctuations
- The integrated wire guard prevents dangerous under-insertion of the wire from occurring.
- Lock and release-lever: tool-less locking and gentle releasing of the connector reduces the mechanical stress on the solder joints.

Product data

IEC: 400 V / 23 A / 0.2 - 4 mm²
 UL: 300 V / 20 A / AWG 26 - 12



For additional articles and information, refer to eshop.weidmueller.com

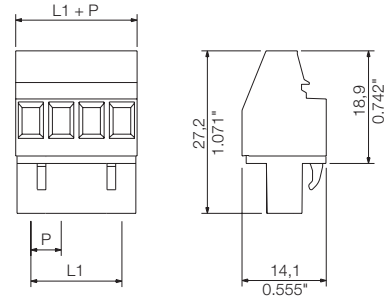
Note:

- Additional variants on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load
- Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

BLZP 5.08HC../90



Dimensioned drawing



Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm ²	0.13...4	
Solid core H05(07) V-U	mm ²	0.2...4	
Stranded H07 V-R			
Flexible H05(07) V-K	mm ²	0.2...4	
Flexible with ferrule	mm ²	0.2...4	
Ferrule with plastic collar	mm ²	0.2...2.5	
Stripping length	mm	7	
Screwdriver blade	mm	0.6 x 3.5, PH 1, PZ 1	
According to norm			
Tightening torque range			
Rated current, max.	A	23	21
At ambient temperature		20°C	40°C
For conductor cross-section	mm ²	4	
Overtoltage category		III	III II
Pollution severity		3	2 2
Rated voltage	V	250	320 400
Rated impulse voltage	kV	4	4 4
UL / CUL (Use Group)		B	C D
Rated voltage	V	300	300
Rated current	A	20	10
AWG conductor	AWG	26-12	
CSA (Use Group)		B	C D
Rated voltage	V	300	50 300
Rated current	A	20	20
AWG conductor	AWG	30-12	
General data			
Type of insulation material		PBT	
UL 94 flammability rating		V-0	
Contact base material		Cu-alloy	
Material of contact surface		tinned	
Pin dimensions = d	mm		
Solder eyelet Ø = D			
Solder eyelet Ø tolerance	mm		

Accessories

Note: Refer to the Accessories chapter for additional accessories.

Coding	Order No.
BLZ/SL KO OR BX	1573010000
BLZ/SL KO BK BX	1545710000
Screwdriver	
SDS 0.6X3.5X100	2749340000
SDIS 0.6X3.5X100	2749810000
SDK PH1 X 80	2749410000
SDK PZ1 X 80	2749440000

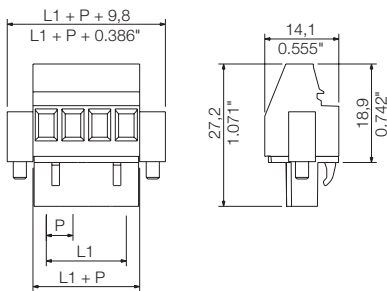
Ordering data

Solder pin length				
Colour	orange			
Pitch	5.08 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	180	1948000000
3	10.16	0.400	120	1948010000
4	15.24	0.600	90	1948020000
5	20.32	0.800	72	1948030000
6	25.40	1.000	60	1948040000
7	30.48	1.200	48	1948050000
8	35.56	1.400	42	1948060000
9	40.64	1.600	36	1948070000
10	45.72	1.800	36	1948080000
11	50.80	2.000	30	1948100000
12	55.88	2.200	30	1948110000

Representative deratings curve

BLZP 5.08HC../90F

Dimensioned drawing

**Ordering data**

Solder pin length

Colour

orange

Pitch 5.08 mm

Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	90	1949800000
3	10.16	0.400	72	1949810000
4	15.24	0.600	60	1949820000
5	20.32	0.800	48	1949830000
6	25.40	1.000	42	1949840000
7	30.48	1.200	36	1949850000
8	35.56	1.400	36	1949860000
9	40.64	1.600	30	1949870000
10	45.72	1.800	30	1949880000
11	50.80	2.000	24	1949890000
12	55.88	2.200	24	1949900000

The 2-in-1 contact

Every pluggable connector covers two contact points and thus must meet two different requirements: First, the wire termination and second, the connection between plug and pin header. Referring to the 5.0x pitch series, Weidmüller offers different wire connection technologies, but one platform contact for the male / female connection since years. This well-designed hybride platform contact ensures a constant quality on a very high level. Hybride means, that we combine metal material featuring different characteristics by welding, in order to devide the contact system into different function zones: Further to the high electric conductance, the current bar is characterized by its hardness, and the tulip contact by its excellent tension properties. The advantage: each function is supported by the most suitable material to reliably and constantly meet the different electrical and mechanical requirements. To put it in a nutshell: Instead of either ... or, it 's even both - perfect for the current, and perfect for the force.



IL WMF 2.5 BLZ OR



Ordering data
Note

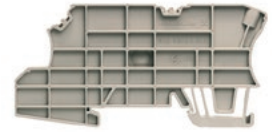
Type	Qty.	Order No.
IL WMF2.5 BLZ OR	50	1167440000

WAD WMF 2.5



Type	Qty.	Order No.
WAD WMF2.5	50	1142970000

WBB WMF 2.5 BLZ



Type	Qty.	Order No.
WBB WMF2.5 BLZ	10	1142980000

AP WMF 2.5



Ordering data
Note

Type	Qty.	Order No.
AP WMF2.5	50	1142990000

FUCR SW



Type	Qty.	Order No.
FUCR 10-36V SW	10	1167640000

Support plates and end plates



PAP PRV/PPV4



Ordering data
Blue
grey
Black
Note

Type	Qty.	Order No.
PAP PRV/PPV4 BL	10	1268010000
PAP PRV/PPV4 GR	10	1211450000
PAP PRV/PPV4 SW	10	1173750000

PAP PRV/PPV8



Type	Qty.	Order No.
PAP PRV/PPV8 GR	10	1211460000
PAP PRV/PPV8 SW	10	1173720000



Compact planning, structured wiring

Klippon® Connect makes your installation wiring more effective

Installation wiring poses particular challenges in terms of the design of terminal blocks. The solutions need to be both economical and compact. Simple handling and clarity also need to be guaranteed. Installation distribution and small distributors offer little space for wiring. Our terminal blocks for building installations meet all requirements here. For example, the PUSH IN technology allows a particularly compact design while retaining its clarity, thus enabling simple and safe wiring of your building infrastructure.



Our promise

Our terminal blocks open up added-value options when it comes to wiring your building infrastructure. Thanks to the wide product range and the comfortable handling of the PUSH IN terminal blocks, Klippon® Connect helps improve flexibility and efficiency even from the planning phase.

B



Time saving

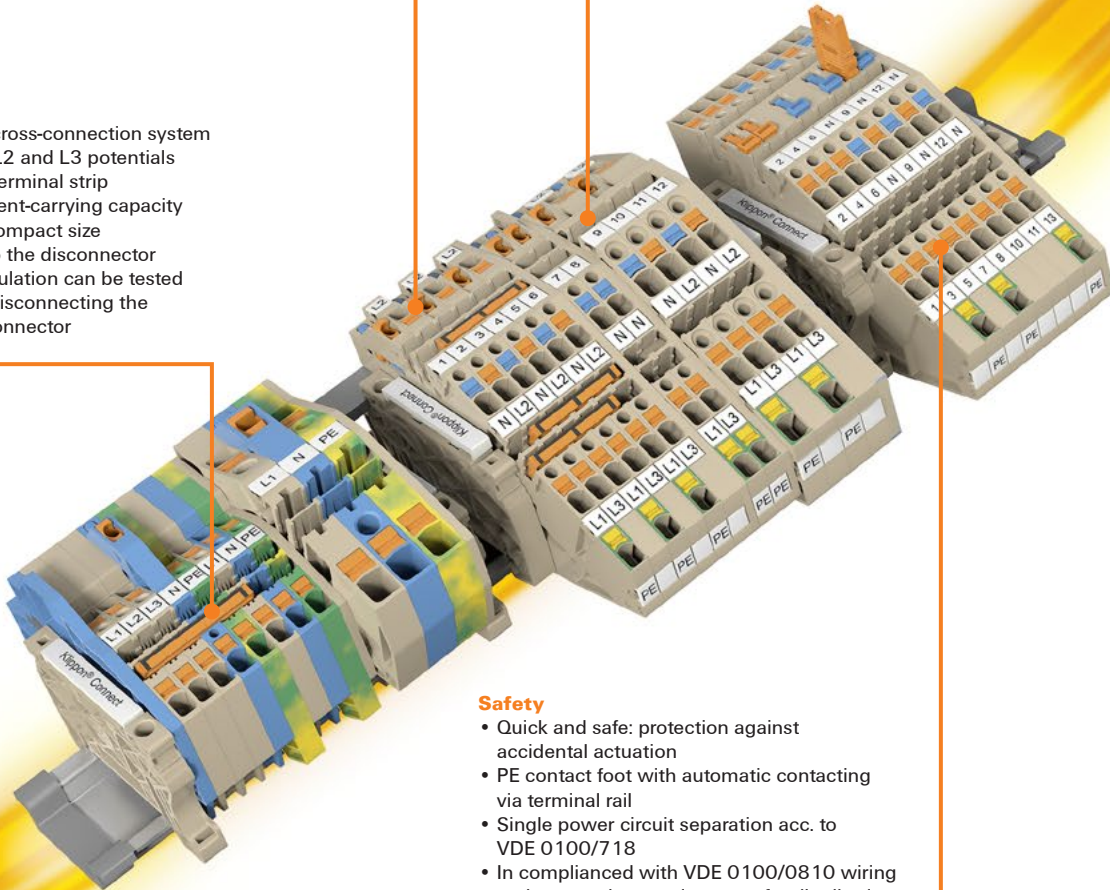
- Simple configuration and ordering of terminal strips using the Weidmüller Configurator
- More flexibility: it is simple to replace the PDL PUSH IN terminal blocks in the group
- Innovative screwless N-slider

Space saving

- Really compact design of PUSH IN terminal blocks
- Neutral busbars for all terminals at the same level
- Double cross-connection channel despite compact design

Flexibility

- 3-phase cross-connection system with L1, L2 and L3 potentials within a terminal strip
- High current-carrying capacity despite compact size
- Thanks to the disconnecter slider, insulation can be tested without disconnecting the neutral connector



Safety

- Quick and safe: protection against accidental actuation
- PE contact foot with automatic contacting via terminal rail
- Single power circuit separation acc. to VDE 0100/718
- In compliance with VDE 0100/0810 wiring and connection requirements for distribution systems in public buildings

Our range

The right solution for every requirement:

For building installation, we offer a perfectly tailored overall system based on 10×3 copper rails. These consist of installation, distribution and neutral conductor terminals in various connection technologies and an extensive range of accessories.

More effective wiring with PUSH IN:

Our PUSH IN terminal blocks for building and plant installation are impressively easy to handle and very flexible. This comprehensive range covers all the important terminal block functions and offers you significant benefits in all processes. You will benefit from reduced installation times, as well as increased performance data and clarity, thanks to the compact design.



Klippon® Connect AITB building installation wiring terminal blocks

Get real added value for your building installations

A large number of standards and regulations govern the building industry. As a result, high safety standards must be met for electrical installations. These standards also apply to a wide range of components that have to be integrated into complex control cabinets in a confined space.



Our new AITB modular terminal block system was specially developed to meet the specific requirements and safety regulations for wiring in building installations. Special features of the series ensure real added value in planning, installation and operation on site.

B

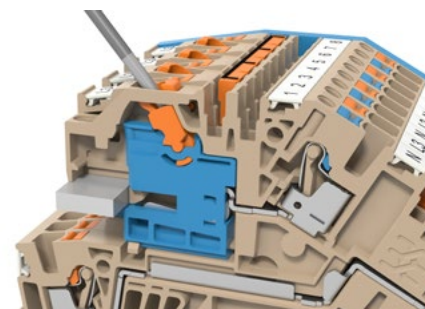
Combination of different connection techniques

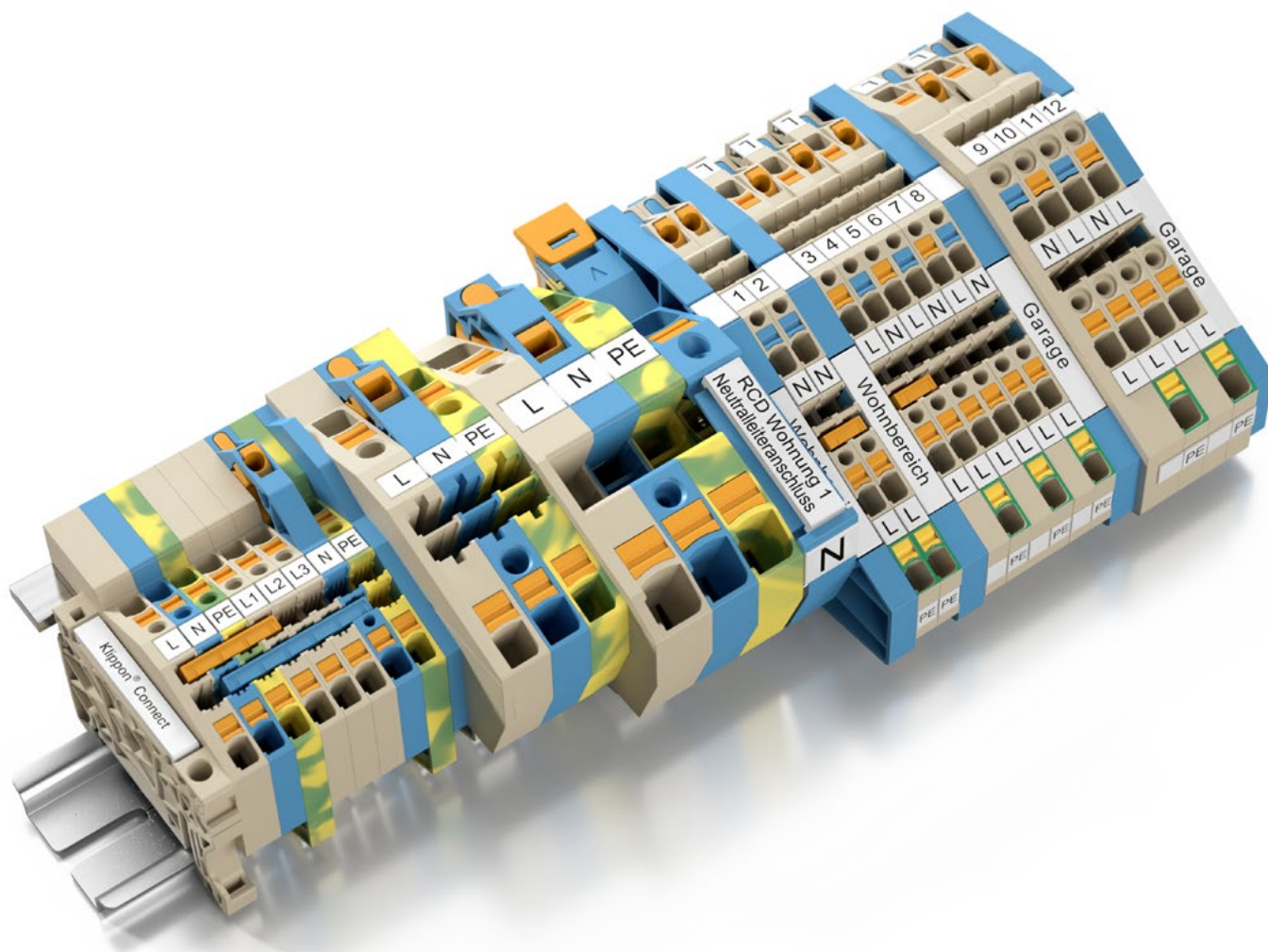
A uniform busbar position enables the combination of different terminal block products and connection technologies in one complete system. For large cross-sections – e.g. N conductors – the side screw terminal connection is available. Terminal blocks with convenient PUSH IN connection technology are used to collect and distribute potentials.



Safe disconnection of the neutral conductor

The neutral conductor can be separated from the busbar quickly and easily with a screwdriver. A clearly visible status display indicates the current contact position of the disconnecting slide. This reliably prevents operating errors.





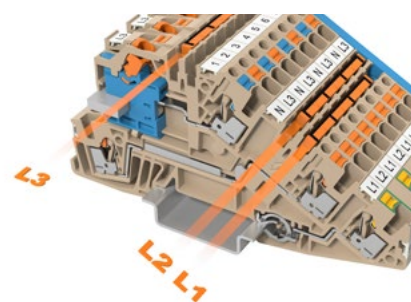
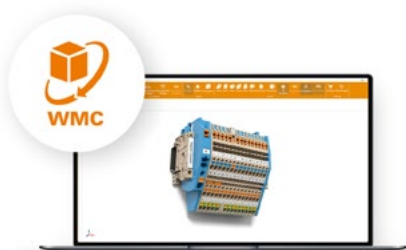
B

Digital assembly in the WMC

In the Weidmüller Configurator (WMC) you can digitally plan, assemble, and directly order complete terminal rails – including accessories. You can also create complete parts lists and installation instructions for production. In this way, failures can be avoided and costs can be saved.

Flexible cross-connection options

The continuous cross-connection channels of our modular terminal blocks AITB increase flexibility and save wiring time. Structures in the 400 V three-phase system can be cross-connected easily and conveniently with the phase conductors L1, L2, and L3.





AITB 2.5 BB 2C

2.5 mm²

AITB 6 BB 2C

6 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 63.8 x 43.6
24 / 4
0.14...4

8.1 x 76.6 x 52.9
41 / 10
0.34...10

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

CE UK CB

Rated connection	
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.5...0.75	
10 / 0.6 x 3.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
41			
6			
	8 kV / 3		
	A5 / V-0		

CE UK CB

Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...6	
0.5...1.5	
12 / 1.0 x 5.5 mm	

Note

Ordering data

Version	
	dark beige
	Blue

Note

Type	Qty.	Order No.
AITB 2.5 BB 2C	50	2668660000
AITB 2.5 BB 2C BL	50	2668670000

Type	Qty.	Order No.
AITB 6 BB 2C	50	2668700000
AITB 6 BB 2C BL	50	2668710000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	2-pole
	2-pole

End plate	
	dark beige
	blue

Support bracket for 10 x 3 (required every 20 cm)	
	blue

End bracket	
	dark beige, direct mounting
	blue
	blue

Test adapter	
	1-pole
	stackable
	3-pole
	5-pole

Test plug

Screwdriver

Busbar 10 x 3 (140 A)

Marking tags

For detailed information on other accessories and application in the online catalogue

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000

AEP ITB 2.5 BB 2C	20	2668780000
AEP ITB 2.5 BB 2C BL	20	2668790000

APP ITB 2.5 BB 2C/NDT BL	20	2668870000
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AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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SSCH 10X3X1000 CU/SN	140 A 1	0348900000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1985740000

AEP ITB 6 BB 2C	20	2668810000
AEP ITB 6 BB 2C BL	20	2668820000

APP ITB 6 BB 2C/NDT BL	20	2668880000
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AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MHR	0.2 A 50	1991930000

PS 2.0 MC	20	0310000000
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SDIL 1,0X5,5X125	1	2749160000
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SSCH 10X3X1000 CU/SN	140 A 1	0348900000
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DEK 5/8 MC NE WS	800	1856740000
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For detailed information on other accessories and application in the online catalogue

AITB 16 BB 2C

16 mm²



10 x 84.6 x 52.9

76 / 16

0.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
76			
16			
			8 kV / 3
			A6 / V-0



Rated connection

0.5...16 / 10...16

0.5...16 / 0.5...10

0.75...6

18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AITB 16 BB 2C	20	2668740000
AITB 16 BB 2C BL	20	2668750000

Type	Qty.	Order No.
ZQV 10N/2	57 A 25	2497250000
AEP ITB 16 BB 2C	20	2668840000
AEP ITB 16 BB 2C BL	20	2668850000
APP ITB 16 BB 2C/NDT BL	20	2668890000
AEB 35 SCL/1 VO	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
WS-A 8/10 MM WS	350	2619890000
WS 8/6 PLUS MC NE WS	600	1951880000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000





AITB 2.5 BB 2C PE

2.5 mm²

AITB 6 BB 2C PE

6 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 63.8 x 43.6	/ 4	
0.14...4		

8.1 x 76.6 x 52.9	/ 10	
0.34...10		

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			
2.5			
	8 kV / 3		
	A3 / V-0		

CE UK CA

Rated connection	
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.5...0.75	
10 / 0.6 x 3.5 mm	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			
6			
	8 kV / 3		
	A5 / V-0		

CE UK CA

Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...6	
0.5...1.5	
12 / 1.0 x 5.5 mm	

Note

Note

Note

Ordering data

Version	green/yellow
Note	

Type	Qty.	Order No.
AITB 2.5 BB 2C PE	50	2668680000

Type	Qty.	Order No.
AITB 6 BB 2C PE	50	2668720000

Accessories

End plate	dark beige
Support bracket for 10 x 3 (required every 20 cm)	blue
End bracket	dark beige, direct mounting blue
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Busbar 10 x 3 (140 A)	
Marking tags	

Type	Qty.	Order No.
AEP ITB 2.5 BB 2C	20	2668780000
APP ITB 2.5 BB 2C/NDT BL	20	2668870000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
AEP ITB 6 BB 2C	20	2668810000
APP ITB 6 BB 2C/NDT BL	20	2668880000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/8 MC NE WS	800	1856740000

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

AITB 16 BB 2C PE

16 mm²



10 x 84.6 x 52.9
/ 16
0.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			
16			
	8 kV / 3		
	A6 / V-0		



Rated connection

0.5...16 / 10...16

0.5...16 / 0.5...10

0.75...6

18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AITB 16 BB 2C PE	20	2668760000

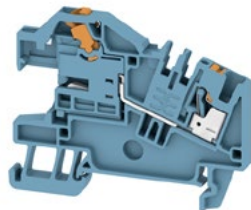
Type	Qty.	Order No.
AEP ITB 16 BB 2C	20	2668840000
APP ITB 16 BB 2C/NDT BL	20	2668890000
AEB 35 SCL/1 VO	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
WS-A 8/10 MM WS	350	2619890000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000





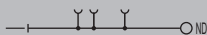
AITB 2.5 BB NDT BL

2.5 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 63.8 x 50
24 / 4
0.14...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
24			
2.5			
	4 kV / 3		
	A3 / V-0		



Rated connection	
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.5...0.75	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Blue
Note	

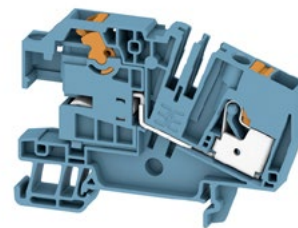
Accessories

Plug-in cross-connection	
2-pole / blue	
3-pole / blue	
4-pole / blue	
10-pole/ blue	
2-pole	
End plate	
	blue
Support bracket for 10 x 3 (required every 20 cm)	
	blue
End bracket	
	dark beige, direct mounting
	blue
	blue
Test adapter	
1-pole	
stackable	
3-pole	
5-pole	
Test plug	
	Standard
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
Marking tags	

For detailed information on other accessories and application in the online catalogue

AITB 6 BB NDT BL

6 mm²



8.1 x 76.6 x 52.9
41 / 10
0.34...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 kV / 3		
	A5 / V-0		



Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...6	
0.5...1.5	
12 / 1.0 x 5.5 mm	

Note

Ordering data

Type	Qty.	Order No.
AITB 6 BB NDT BL	50	2668730000

Accessories

Type	Qty.	Order No.
ZQV 6N/2 BL	41 A 60	1985830000
AEP ITB 6 BB NDT BL	20	2668830000
APP ITB 6 BB 2C/NDT BL	20	2668880000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/8 MC NE WS	800	1856740000

For detailed information on other accessories and application in the online catalogue

AITB 16 BB NDT BL

16 mm²



10 x 84.6 x 52.9

76 / 16

0.5...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
76			
16			
			4 kV / 3
			A6 / V-0



Rated connection

0.5...16 / 10...16

0.5...16 / 0.5...10

0.75...6

18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AITB 16 BB NDT BL	20	2668770000

Type	Qty.	Order No.
ZQV 10N/2	57 A 25	2497250000
AEP ITB 16 BB NDT BL	20	2668860000
APP ITB 16 BB 2C/NDT BL	20	2668890000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0x5,5x125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
WS-A 8/10 MM WS	350	2619890000
WS 8/6 PLUS MC NE WS	600	1951880000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000





AITB 2.5 BB L

2.5 mm²



AITB 2.5 BB N-L-PE

2.5 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 103 x 50.1	
24 / 4	
0.14...4	

5.1 x 103 x 50.1	
24 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage	V
max. current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400			
27			
2.5			
	4 kV / 3		
	A3 / V-0		

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
250			
27			
2.5			
	4 kV / 3		
	A3 / V-0		

Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V

Note

Note

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
AITB 2.5 BB L	50	2668920000

Type	Qty.	Order No.
AITB 2.5 BB N-L-PE	50	2668940000

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
End plate	dark beige
Support bracket for 10 x 3 (required every 20 cm)	
blue	
blue, incl. metal holder for the busbar	
End bracket	
dark beige, direct mounting	
blue	
blue	
Test adapter	
1-pole	
stackable	
3-pole	
5-pole	
Test plug	
Screwdriver	
Standard	
Busbar 10 x 3 (140 A)	
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5 BB	20	2668960000
APP ITB 2.5 BB BL	20	2668970000
APP ITB 2.5 BB BL VI	20	2881640000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5 BB	20	2668960000
APP ITB 2.5 BB BL	20	2668970000
APP ITB 2.5 BB BL VI	20	2881640000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

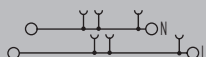


AITB 2.5 BB N-L

2.5 mm²



5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
27			
2.5			
		4 kV / 3	
		A3 / V-0	



Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...2.5

0.5...0.75

10 / 0.6 x 3.5 mm

400

250

250

Type	Qty.	Order No.
AITB 2.5 BB N-L	50	2668910000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5 BB	20	2668960000
APP ITB 2.5 BB BL	20	2668970000
APP ITB 2.5 BB BL VI	20	2881640000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000





Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
max. current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version	
	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
Support bracket for 10 x 3 (required every 20 cm)	
	blue
	blue, incl. metal holder for the busbar
End bracket	
	dark beige, direct mounting
	blue
	blue
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
Marking tags	
For detailed information on other accessories and application in the online catalogue	

AITB 2.5 BB LL-PE

2.5 mm²



5.1 x 103 x 50.1	
24 / 4	
0.14...4	

IEC 60947-7-1 (-7-2)

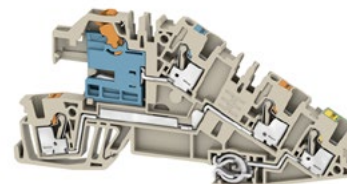
IEC	UL	CSA	EN 60079-7
250			
27			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
Rated voltage			
400			
250			
250			
Note			

Type	Qty.	Order No.
AITB 2.5 BB LL-PE	50	2668930000
Note		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5 BB	20	2668960000
APP ITB 2.5 BB BL	20	2668970000
APP ITB 2.5 BB BL VI	20	2881640000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
Note		

AITB 2.5 BB NDT-L-PE

2.5 mm²



5.1 x 103 x 50.1	
24 / 4	
0.14...4	

In accordance with IEC 60947-7-1, In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250			
27			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
Rated voltage			
400			
250			
250			
Note			

Type	Qty.	Order No.
AITB 2.5 BB NDT-L-PE	50	2668950000
Note		

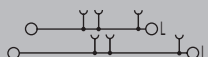
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5 BB	20	2668960000
APP ITB 2.5 BB BL	20	2668970000
APP ITB 2.5 BB BL VI	20	2881640000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
Note		

AITB 2.5 BB L-L

2.5 mm²



5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
27			
2.5			
		4 kV / 3	
		A3 / V-0	



Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...2.5

0.5...0.75

10 / 0.6 x 3.5 mm

400

250

250

Type	Qty.	Order No.
AITB 2.5 BB L-L	50	2668900000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5 BB	20	2668960000
APP ITB 2.5 BB BL	20	2668970000
APP ITB 2.5 BB BL VI	20	2881640000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000





Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
max. current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version
Note

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
Support bracket for 10 x 3 (required every 20 cm)	
	blue
	blue, incl. metal holder for the busbar
End bracket	
	dark beige, direct mounting
	blue
	blue
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
Marking tags	
For detailed information on other accessories and application in the online catalogue	

AITB 4 BB L-L-PE

4 mm²



6.1 x 110.2 x 53.2
30 / 6
0.14...6

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
36			
4	AWG 26...10		
		4 kV / 3	
		A4 / V-0	



Rated connection	
0.5...6 / 0.5...6	
0.5...6 / 0.5...4	
0.5...1.5	
12 / 0.6 x 3.5 mm	

400
250
250

Type	Qty.	Order No.
AITB 4 BB L-L-PE	25	2669080000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/3	32 A 60	1527940000
ZQV 4N/4	32 A 60	1527970000
ZQV 4N/10	32 A 20	1528090000
AEP ITB 4 BB	20	2669110000
APP ITB 4 BB BL	20	2669120000
APP ITB 4 BB BL VI	20	2881650000
AEB 35 SCL/1 VO	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/6 PLUS MC NE WS	600	1951880000
DEK 5/6 MM WS	600	2007120000

AITB 4 BB L-L

4 mm²



6.1 x 110.2 x 53.2
30 / 6
0.14...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
36			
4	AWG 26...10		
		4 kV / 3	
		A4 / V-0	



Rated connection	
0.5...6 / 0.5...6	
0.5...6 / 0.5...4	
0.5...1.5	
12 / 0.6 x 3.5 mm	

400
250
250

Type	Qty.	Order No.
AITB 4 BB L-L	25	2669070000

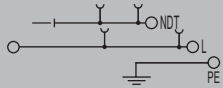
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/3	32 A 60	1527940000
ZQV 4N/4	32 A 60	1527970000
ZQV 4N/10	32 A 20	1528090000
AEP ITB 4 BB	20	2669110000
APP ITB 4 BB BL	20	2669120000
APP ITB 4 BB BL VI	20	2881650000
AEB 35 SCL/1 VO	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/6 PLUS MC NE WS	600	1951880000
DEK 5/6 MM WS	600	2007120000

AITB 4 BB NDT-L-PE

4 mm²



6.1 x 110.2 x 53.2
30 / 6
0.14...6



In accordance with IEC 60947-7-1, in accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250			
36			
4			
4 kV / 3			
A4 / V-0			



Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

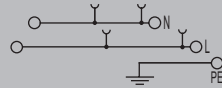
400
250
250

AITB 4 BB N-L-PE

4 mm²



6.1 x 110.2 x 53.2
30 / 6
0.14...6



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
36			
4	AWG 26...10		
4 kV / 3			
A4 / V-0			



Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

400
250
250

Type	Qty.	Order No.
AITB 4 BB NDT-L-PE	25	2669100000

Type	Qty.	Order No.
AITB 4 BB N-L-PE	25	2669090000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/3	32 A 60	1527940000
ZQV 4N/4	32 A 60	1527970000
ZQV 4N/10	32 A 20	1528090000
AEP ITB 4 BB	20	2669110000
APP ITB 4 BB BL	20	2669120000
APP ITB 4 BB BL VI	20	2881650000
AEB 35 SCL/1 VO	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/6 PLUS MC NE WS	600	1951880000
DEK 5/6 MM WS	600	2007120000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/3	32 A 60	1527940000
ZQV 4N/4	32 A 60	1527970000
ZQV 4N/10	32 A 20	1528090000
AEP ITB 4 BB	20	2669110000
APP ITB 4 BB BL	20	2669120000
APP ITB 4 BB BL VI	20	2881650000
AEB 35 SCL/1 VO	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/6 PLUS MC NE WS	600	1951880000
DEK 5/6 MM WS	600	2007120000





Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version	dark beige
Note	

Accessories

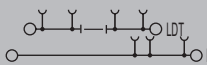
Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, direct mounting
	blue
	blue
Test adapter	
	1-pole
	stackable
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	orange
Marking tags	
For detailed information on other accessories and application in the online catalogue	

AITB 2.5 LDT-L

2.5 mm²



5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

400
250
250

Type	Qty.	Order No.
AITB 2.5 LDT-L	50	2668980000

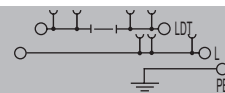
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

AITB 2.5 LDT-L-PE

2.5 mm²



5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

400
250
250

Type	Qty.	Order No.
AITB 2.5 LDT-L-PE	50	2669040000

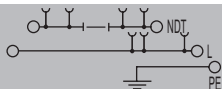
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

AITB 2.5 NDT-L-PE

2.5 mm²



5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

400
250
250

Type	Qty.	Order No.
AITB 2.5 NDT-L-PE	50	2669030000

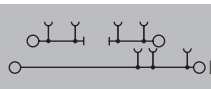
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

AITB 2.5 LDT-L W/O DTLV

2.5 mm²



5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

400
250
250

Type	Qty.	Order No.
AITB 2.5 LDT-L W/O DTLV	50	2668990000
without separator		

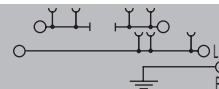
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

AITB 2.5 LDT-L-PE W/O DTLV

2.5 mm²



5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

400
250
250

Type	Qty.	Order No.
AITB 2.5 LDT-L-PE W/O DTLV	50	2669050000
without separator		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V

Note

Ordering data

Version	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, direct mounting
	blue
	blue
Test adapter	
	1-pole
	stackable
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	orange
Marking tags	
For detailed information on other accessories and application in the online catalogue	

AITB 2.5 L-L-PE

2.5 mm²



5.1 x 103 x 50.1	
24 / 4	
0.14...4	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection	
	0.5...4 / 0.5...4
	0.5...4 / 0.5...2.5
	0.5...0.75
	10 / 0.6 x 3.5 mm
Rated voltage	
	400
	250
	250

Type	Qty.	Order No.
AITB 2.5 L-L-PE	50	2669010000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

AITB 2.5 N-L-PE

2.5 mm²



5.1 x 103 x 50.1	
24 / 4	
0.14...4	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection	
	0.5...4 / 0.5...4
	0.5...4 / 0.5...2.5
	0.5...0.75
	10 / 0.6 x 3.5 mm
Rated voltage	
	400
	250
	250

Type	Qty.	Order No.
AITB 2.5 N-L-PE	50	2669020000

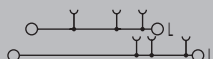
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

AITB 2.5 L-L

2.5 mm²



5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			

CE cRU_{us} UK_{CA}

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...2.5

0.5...0.75

10 / 0.6 x 3.5 mm

400

250

250

Type	Qty.	Order No.
AITB 2.5 L-L	50	2669000000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000



Klippon® Connect for building installation wiring

Sophisticated and uniform accessories

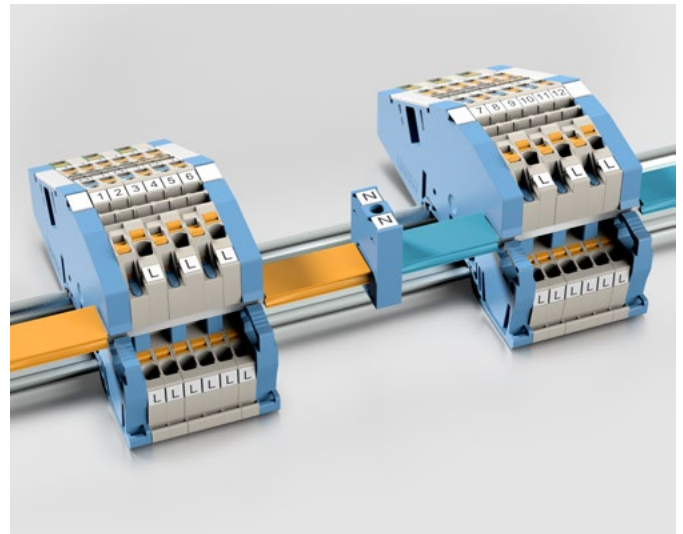
Safe and flexible covering of live components

The BB-CV AITB 3X10 cover profile provides the necessary finger safety within the switchgear. Protruding parts of the busbar, which are provided as a reserve within the switchgear, can thus be protected against unintentional contact. The cover profile can be flexibly and individually cut to length.

Cover profile

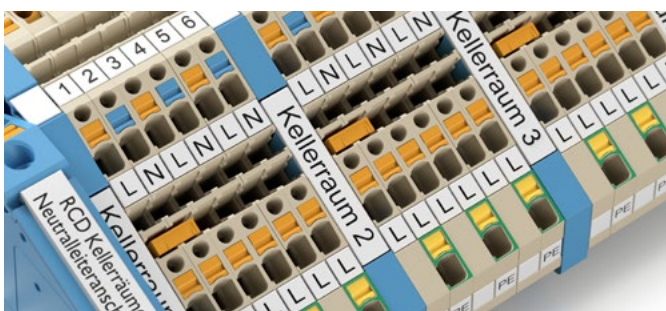
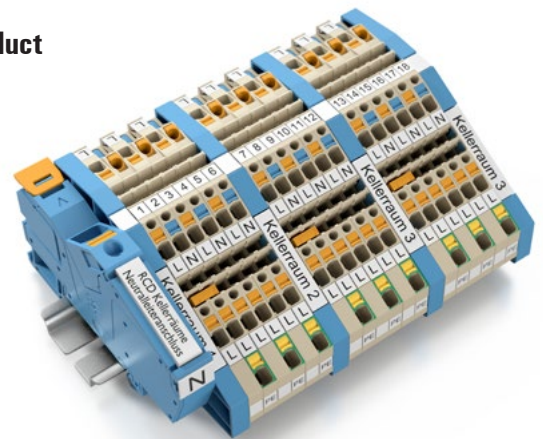
BB-CV

Type	Length	Qty.	Order No.
BB-CV AITB 3X10	300 mm	10	2911380000
BB-CV AITB 3X10 BL	300 mm	10	2918930000
Busbar			
SSCH 10X3X1000 CU/SN	1000 mm		0348900000



End bracket, support block and end plate cleverly combined in one product

The AEB ITB 2.5/4 BB BL is one of the all-rounders in the Klippon® Connect accessories for building installation wiring. The end bracket serves as a support block for the busbar. Due to its identical contour to the 3-level installation terminal blocks AITB 2.5 BB... it could also be used as a visual demarcation within the terminal strip, but also as an end plate. This saves additional components and working time. A receptacle for the terminal strip labelling (WAD 5) is available on the head side of the products.

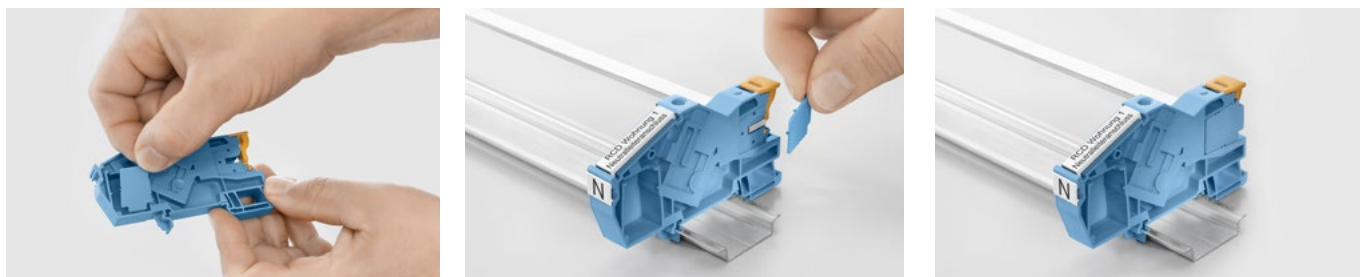


Clean and clear distinction of internal and external wiring within the cabinet

With the AITB 16 BB NLO, the neutral conductor busbar is integrated into the system quickly, safely and without any additional tools. As with the installation terminal blocks, the internal wiring in the control cabinet is carried out in the direction of the busbar. This creates a clear visual distinction between internal wiring at the switchgear manufacturer and external wiring on the construction site. The AEB ITB 16 BB BL, without connection function for a conductor, completes the portfolio.

Both versions have integrated the function of an support block in addition to the function of an end bracket. This saves additional components and working time. A plug-in possibility for terminal strip labelling (WAD 5 or WAD 8) is available on the head side of the products.

For finger safety at the end of the DIN-Rail, an integrated end plate could be broken out of the front area of the product. This can be attached on the left or right side, depending on the structure of the terminal strip. Both product variants are supplied with an integrated end plate for the product as well as for the busbar.

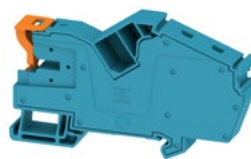
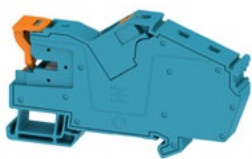


AITB 16 BB NLO

16 mm²

AEB ITB 16 BB BL

AEB ITB 2.5/4 BB BL



Dimensions	
Width/Height/Depth	mm
Continuous operating temp., min.	
Continuous operating temp., max.	
Material	
Rated data	
Rated voltage	V
Rated current	A
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Ordering data	
	blue
Note	

AITB 16 BB NLO		
Width/Height/Depth	91.15/52.9/12	
Continuous operating temp., min.	-60 °C	
Continuous operating temp., max.	130 °C	
Material	polyamide 66	
IEC	UL	CSA
Rated voltage	1000	
Rated current	65	
Rated impulse withstand voltage / Pollution severity	8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating	A6 / V-0	
Clamped conductors (H05V/H07V)		
Solid / Stranded	0,5...16 / 0,5...16	
Flexible / Flexible with ferrule	0,5...16 / 0,5...16	
Stripping length / Blade size	18 / 1,0 x 5,5 mm	
Type	Qty.	Order No.
AITB 16 BB NLO	20	2669140000

AEB ITB 16 BB BL		
Width/Height/Depth	91.15/52.9/12	
Continuous operating temp., min.	-60 °C	
Continuous operating temp., max.	130 °C	
Material	polyamide 66	
IEC	UL	CSA
Rated voltage	1000	
Rated current	65	
Rated impulse withstand voltage / Pollution severity	/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0	
Clamped conductors (H05V/H07V)		
Solid / Stranded	0,5...16 / 0,5...16	
Flexible / Flexible with ferrule	0,5...16 / 0,5...16	
Stripping length / Blade size	18 / 1,0 x 5,5 mm	
Type	Qty.	Order No.
AEB ITB 16 BB BL	20	2669130000

AEB ITB 2.5/4 BB BL		
Width/Height/Depth	6.1 x 50.5 x 104	
Continuous operating temp., min.	-60 °C	
Continuous operating temp., max.	130 °C	
Material	polyamide 66	
IEC	UL	CSA
Rated voltage	1000	
Rated current	65	
Rated impulse withstand voltage / Pollution severity	/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0	
Clamped conductors (H05V/H07V)		
Solid / Stranded	0,5...16 / 0,5...16	
Flexible / Flexible with ferrule	0,5...16 / 0,5...16	
Stripping length / Blade size	18 / 1,0 x 5,5 mm	
Type	Qty.	Order No.
AEB ITB 2.5/4 BB BL	25	2690440000

L-BOXX 102 installation terminal starter set for electrical installers Klippon® Connect Terminal Blocks for building installation wiring

The L-BOXX 102 in Weidmüller design

The L-BOXX is an innovative storage system that ensures order and efficiency in various industries, especially in the skilled trades. Developed by Bosch Sortimo, the L-BOXX offers a clever solution for storing, transporting and organizing tools, materials and accessories. Their modular design allows a wide variety of boxes to be interconnected and customized.

Thanks to robust material and well thought-out interior design, the contents are optimally protected and organized. The L-BOXX impresses with its stackability, a comparably light weight, mobility and easy handling, which makes it an essential accessory for professionals and hobby craftsmen alike.



Everything at hand: For immediate use on the construction site

Our range of L-BOXXes from Bosch - Sortimo in the special Weidmüller design are the ideal companion for electricians. The starter sets or starter kits contain a wide selection of 3-wire installation terminal blocks and other terminal blocks for the wiring of main distribution boards and sub-distribution boards.

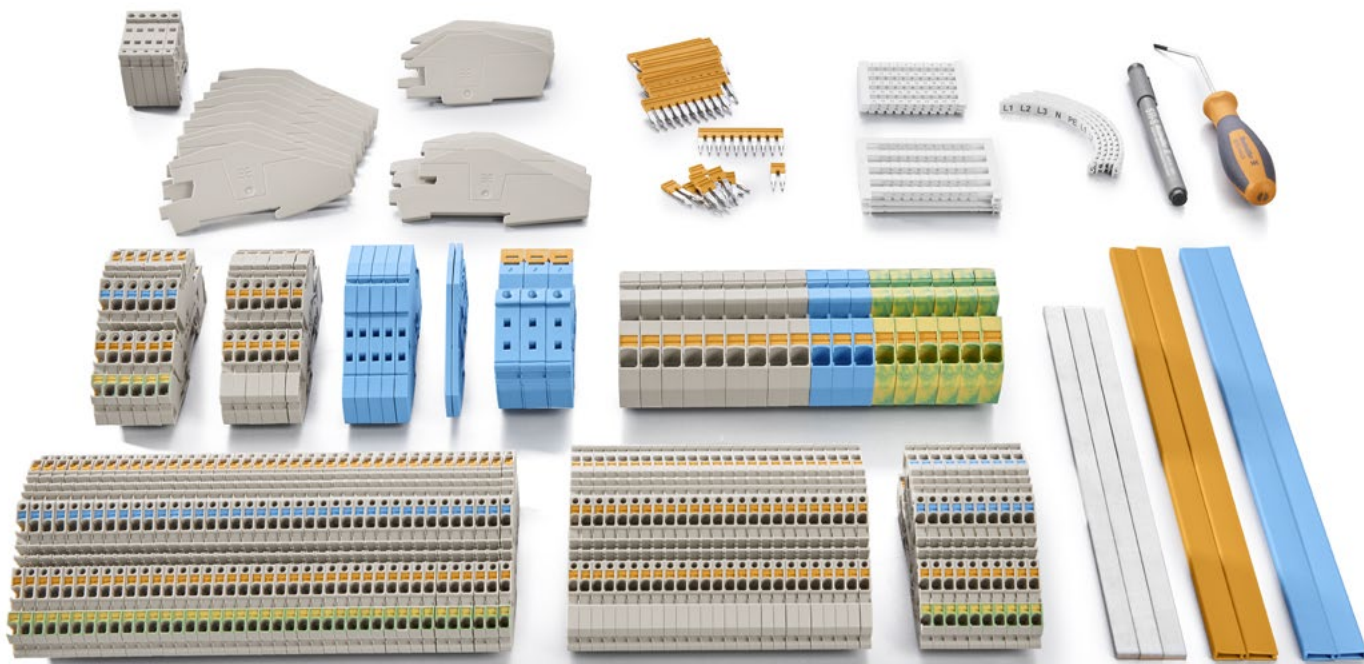
Efficient work and a professional presentation guaranteed – all in a handy box in Weidmüller design.

Integration into the L-BOXX system

The modular design makes it possible to connect and individually adapt a wide variety of L-BOXXes from Bosch - Sortimo. Thanks to robust material and well thought-out interior design, the items are optimally protected and organized.

The L-BOXX impresses with its light weight, stackability, mobility and easy handling, making it an essential choice for professionals and hobby craftsmen alike.





Products inside our L-BOXX 102 KC AITB INSTA 1 (2938390000)

L-BOXX 102 (empty assortment box)

The empty L-BOXX 102 in Weidmüller design offers flexible storage solutions. With five assortment trays inside, it allows for orderly storage of small parts, tools and accessories.

Combine the L-BOXX 102 with other L-BOXX variants from different suppliers and benefit from the flexibility and stackability of the system.



Ordering data

Type	Qty.	Order No.
L-BOXX 102 CASE EMPTY WITH 5 TRAYS	1	2941370000

L-BOXX 102 KC AITB INSTA 1

The L-BOXX 102 set INSTA 1 includes a wide range of 3-wire installation terminal blocks, as well as other terminal blocks and accessories for wiring main distribution boards and sub-distribution boards.

(See picture above)



Ordering data

Type	Qty.	Order No.
L-BOXX 102 KC AITB INSTA 1	1	2938390000

B



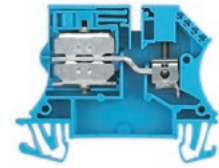
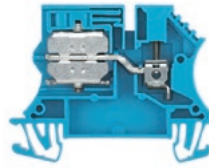


WNT 2.5

2.5 mm²

WNT 4

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

5.1 x 60 x 46.5	
32 / 4	NT
0.13...4	

6.1 x 60 x 46.5	
41 / 6	NT
0.13...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque Separating screw	-
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
24	25	20	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
32	35	25	
4	AWG 26...10	AWG 26...10	
6 kV / 3			
A4 / V-0			



Rated connection	
0.5...4 / 1.5...4	
0.5...4	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	



Rated connection	
0.5...6 / 1.5...6	
0.5...6	
0.5...1 / (M 3)	
10 / 0.6 x 3.5 mm	

Note

Tightening torque, N-isolator 0.4...0.6 Nm

Tightening torque, N-isolator 0.4...0.8 Nm

Ordering data

Version	dark beige
	Blue
Note	

Type	Qty.	Order No.
WNT 2.5 10X3 BE	100	1010600000
WNT 2.5 10X3	100	1010680000

Type	Qty.	Order No.
WNT 4 10X3	100	1010780000

Accessories

End plate / Partition plate	
	dark beige
	Blue
Support bracket for 10 x 3 (required every 20 cm)	
	Blue
End bracket	
	dark beige
Screwdriver	
	With "swifty set" cutting device
	Screwdriver PH2
Busbar 10 x 3 (140 A)	
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0.5 - 6 / 4 mm ²
	Rigid / flexible 6 - 16 mm ²
	flexible 16 - 35 mm ²
Marking tags	

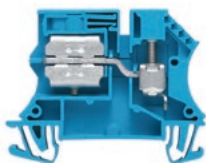
Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN 140 A	1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN 140 A	1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

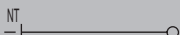
For detailed information on other accessories and application in the online catalogue

WNT 6

6 mm²



7.9 x 60 x 46.5
57 / 10
0.5...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
41	45	35	
6	AWG 20...8	AWG 26...8	
6 kV / 3			
A5 / V-0			



Rated connection

0.5...10 / 1.5...10
0.5...10
0.8...1.2 / (M 3.5)

12 / 4.0 x 0.8 mm

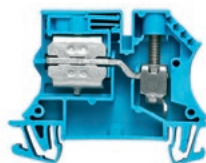
Tightening torque, N-isolator 0.8...1.6 Nm

Type	Qty.	Order No.
WNT 6 10X3	50	1010880000

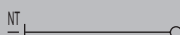
Type	Qty.	Order No.	
WAP 2.5-10	50	1050000000	
WAP 2.5-10 BL	50	1050080000	
WHP 2.5-35N/10X3 BL	20	1050280000	
WEW 35/2	50	1061200000	
SWIFTY SET	1	9006060000	
SDS 0.6X3.5X100	1	2749340000	
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
ZB 4	50	0316500000	
ZB 16 ZKSC	50	0316600000	
ZB 35/M6X16	20	0266500000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/5 MC NE WS	720	1609860000	

WNT 10

10 mm²



9.9 x 60 x 46.5
76 / 16
1.31...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
57	60	50	
10	AWG 16...8	AWG 16...6	
6 kV / 3			
B6 / V-0			



Rated connection

1.5...16 / 1.5...16
1.5...16
1.2...2 / (M 4)

12 / 1.0 x 5.5 mm

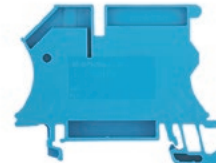
Tightening torque, N-isolator 0.8...1.6 Nm.

Type	Qty.	Order No.
WNT 10 10X3 BE	50	1010900000
WNT 10 10X3	50	1010980000

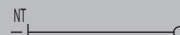
Type	Qty.	Order No.	
WAP 2.5-10	50	1050000000	
WAP 2.5-10 BL	50	1050080000	
WHP 2.5-35N/10X3 BL	20	1050280000	
WEW 35/2	50	1061200000	
SWIFTY SET	1	9006060000	
SDS 0.6X3.5X100	1	2749340000	
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
ZB 4	50	0316500000	
ZB 16 ZKSC	50	0316600000	
ZB 35/M6X16	20	0266500000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/5 MC NE WS	720	1609860000	

WNT 16N

16 mm²



12 x 60 x 46.5
101 / 25
1.5...25



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
76	65	65	
16	AWG 14...6	AWG 14...6	
6 kV / 3			
B7 / V-0			



Rated connection

1.5...16 / 1.5...25
1.5...16
1.2...2.2 / (M 4)

12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8...1.6 Nm.

Type	Qty.	Order No.
WNT 16N 10X3	50	1019000000

Type	Qty.	Order No.	
WAP 2.5-10	50	1050000000	
WAP 2.5-10 BL	50	1050080000	
WHP 2.5-35N/10X3 BL	20	1050280000	
WEW 35/2	50	1061200000	
SWIFTY SET	1	9006060000	
SDS 0.6X3.5X100	1	2749340000	
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
ZB 4	50	0316500000	
ZB 16 ZKSC	50	0316600000	
ZB 35/M6X16	20	0266500000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/5 MC NE WS	720	1609860000	

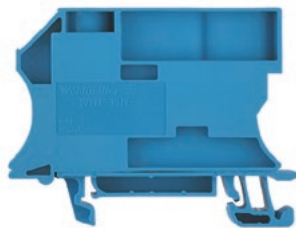




WNT 35N

35 mm²

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

16 x 66 x 50.5	NT
140 / 50	— —○
2.5...50	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque Separating screw	-
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
125			
35			
	6 kV / 3		
	B8 / V-0		



Rated connection	
2.5...16 / 2.5...50	
2.5...35	
4...5 / (M 6)	
18 / 6.5 x 1.2 mm	

Tightening torque, N-isolator: 1.2...2.4 Nm

Note

Ordering data

Version	dark beige
	Blue
Note	

Type	Qty.	Order No.
WNT 35N 10X3	20	1718550000

Accessories

End plate / Partition plate	
	dark beige
	Blue
Support bracket for 10 x 3 (required every 20 cm)	
	Blue
End bracket	
	dark beige
Screwdriver	
	With "swifty set" cutting device
	Screwdriver PH2
Busbar 10 x 3 (140 A)	
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0.5 - 6 / 4 mm ²
	Rigid / flexible 6 - 16 mm ²
	flexible 16 - 35 mm ²
Marking tags	

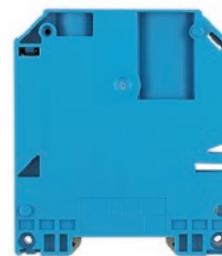
Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN	140 A	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue

WNT 70N

70 mm²

Compact design



20.5 x 75 x 85	NT
140 / 95	— —○
10...95	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600		
140	175		
70	AWG 6...0		
	6 kV / 3		
	B11 / V-0		



Rated connection	
10...16 / 10...95	
10...70	
6...12 / (M 8)	
22 / S6 (DIN 6911)	

Tightening torque, N-isolator 2.5...5.0 Nm

Type	Qty.	Order No.
WNT 70N/35	10	9512210000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN	140 A	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue



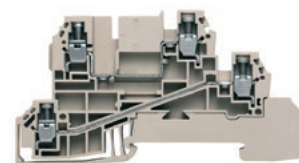
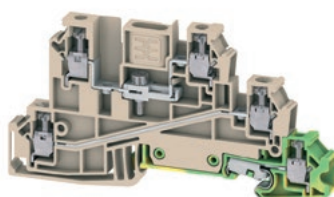


WDL 2.5/NT/L/PE

2.5 mm²

WDL 2.5/L/L

2.5 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 90 x 48	
24 / 4	
0.13...4	

6.1 x 90 x 48	
24 / 4	
0.13...4	

Technical data

Rated data	
Rated voltage	V
max. current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3, A4 / V-0			

CE UK CA

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Type	Qty.	Order No.
WDL 2.5/NT/L/PE	50	1029800000

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3, A4 / V-0			

CE UK CA

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Type	Qty.	Order No.
WDL 2.5/L/L	50	1030300000

Note	
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Ordering data

Version	dark beige
Note	

Accessories

Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
End plate / Partition plate	
dark beige	
Support bracket for 10 x 3 (required every 20 cm)	
dark beige	
End bracket	
dark beige	
Screwdriver	
With "swifty set" cutting device	
Marking tags	

Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WAP WDL2.5	20	1067800000
WHP WDL2.5/S BL	20	1067980000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

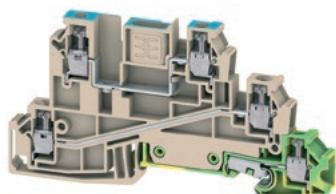
Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WAP WDL2.5	20	1067800000
WHP WDL2.5/S BL	20	1067980000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

For detailed information on other accessories and application in the online catalogue

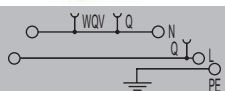
For detailed information on other accessories and application in the online catalogue

WDL 2.5/N/L/PE

2.5 mm²



6.1 x 90 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3, A4 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...4

8 / 0.6 x 3.5 mm

400
250
250

Type	Qty.	Order No.
WDL 2.5/N/L/PE	50	1029900000

Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000

WAP WDL2.5	20	1067800000
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WHP WDL2.5/S BL	20	1067980000
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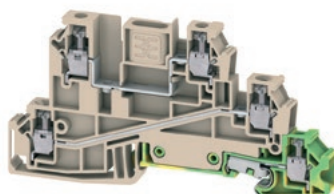
WEW 35/2	50	1061200000
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SWIFTY SET	1	9006060000
SDIS 0.6X3.5X100	1	2749810000

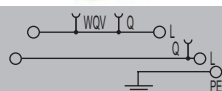
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

WDL 2.5/L/L/PE

2.5 mm²



6.1 x 90 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3, A4 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...4

8 / 0.6 x 3.5 mm

400
250
250

Type	Qty.	Order No.
WDL 2.5/L/L/PE	50	1030200000

Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000

WAP WDL2.5	20	1067800000
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WHP WDL2.5/S BL	20	1067980000
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WEW 35/2	50	1061200000
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SWIFTY SET	1	9006060000
SDIS 0.6X3.5X100	1	2749810000

DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000



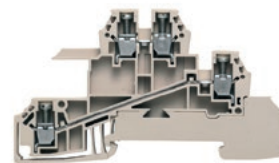
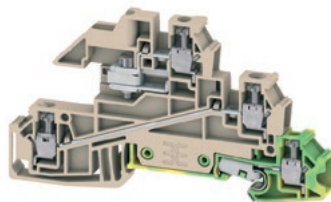


WDL 2.5/S/NT/L/PE

2.5 mm²

WDL 2.5/S/L/L

2.5 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 84.5 x 48	
24 / 4	
0.13...4	

6.1 x 84.5 x 48	
24 / 4	
0.13...4	

Technical data

Rated data	
Rated voltage	V
max. current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V

Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.25...2.5			
8 / 0.6 x 3.5 mm			
400			
250			
250			

Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.25...2.5			
8 / 0.6 x 3.5 mm			
400			
250			
250			

Note

Rated voltage L-PE and L-NT 250 V. Tightening torque for isolator 0.4.0.6 Nm

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Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
WDL 2.5/S/NT/L/PE	50	1030600000

Type	Qty.	Order No.
WDL 2.5/S/L/L	50	1031200000

Accessories

Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
End bracket	
dark beige	
End plate / Partition plate	
dark beige	
Support bracket for 10 x 3 (required every 20 cm)	
dark beige	
Busbar 10 x 3 (140 A)	
Clamping yoke for power supply to 10 x 3 busbars	
Rigid / flexible 0.5 - 6 / 4 mm ²	
Rigid / flexible 6 - 16 mm ²	
flexible 16 - 35 mm ²	
Marking tags	

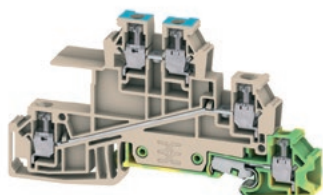
Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WEW 35/2	50	1061200000
WAP WDL2.5/S	20	1067700000
WHP WDL2.5/S BL	20	1067980000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WEW 35/2	50	1061200000
WAP WDL2.5/S	20	1067700000
WHP WDL2.5/S BL	20	1067980000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

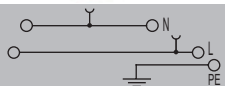
For detailed information on other accessories and application in the online catalogue

WDL 2.5/S/N/L/PE

2.5 mm²

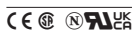


6.1 x 84.5 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.25...2.5

8 / 0.6 x 3.5 mm

400
250
250

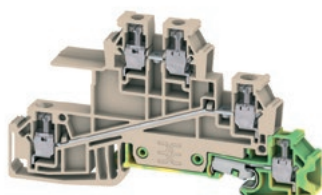
L-PE / L-N 250 V

Type	Qty.	Order No.
WDL 2.5/S/N/L/PE	50	1030700000

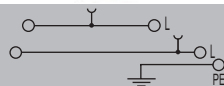
Type	Qty.	Order No.	
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
WEW 35/2	50	1061200000	
WAP WDL2.5/S	20	1067700000	
WHP WDL2.5/S BL	20	1067980000	
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
ZB 4	50	0316500000	
ZB 16 ZKSC	50	0316600000	
ZB 35/M6X16	20	0266500000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 8/5 MC NE WS	720	1640740000	

WDL 2.5/S/L/L/PE

2.5 mm²



6.1 x 84.5 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.25...2.5

8 / 0.6 x 3.5 mm

400
250
250

L-PE 250 V

Type	Qty.	Order No.
WDL 2.5/S/L/L/PE	50	1031100000

Type	Qty.	Order No.	
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
WEW 35/2	50	1061200000	
WAP WDL2.5/S	20	1067700000	
WHP WDL2.5/S BL	20	1067980000	
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
ZB 4	50	0316500000	
ZB 16 ZKSC	50	0316600000	
ZB 35/M6X16	20	0266500000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 8/5 MC NE WS	720	1640740000	

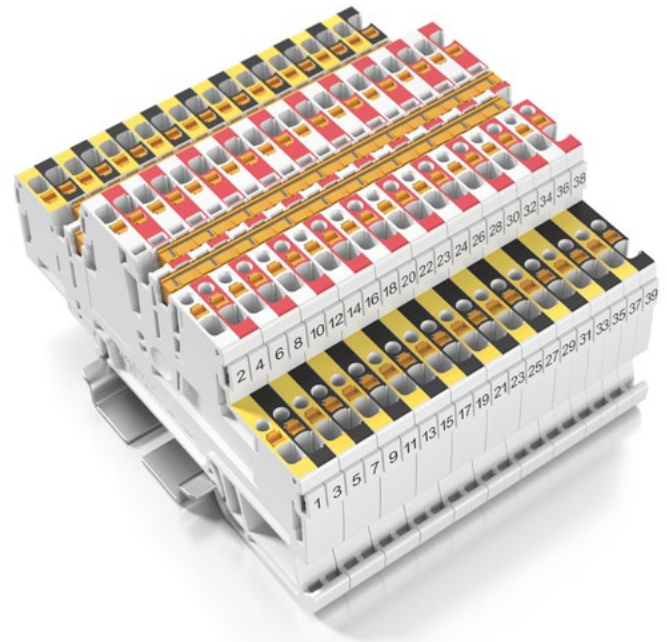


KNX-Bussystem simple and clear wiring

Klippon® Connect for smart electrical installation in buildings

Automation and growing data volumes are of increasing importance in building technology. Precise, unambiguous data wiring systems are thereby essential for efficient cabinet assembly.

The Klippon® Connect KNX-terminal blocks provide the wiring of the main and reserve leads for KNX Bus wiring systems within a 7 mm combined block width. At each level, a double cross-connection point yields quick and easy distribution of the potential within the terminal.



B Your special advantages:

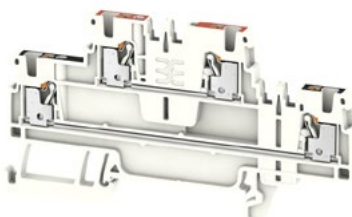
- Numerous marking possibilities
- Colour coded terminals for each wire colour
- Standardised accessories
- Minimal space requirements thanks to 3.5 mm individual terminal width





A2T 1.5 KNX RD-BK

1.5 mm²

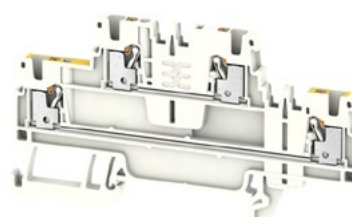


3.5 x 84 x 45
17.5 / 1.5
0.14...1.5



A2T 1.5 KNX WT-YL

1.5 mm²



3.5 x 84 x 45
17.5 / 1.5
0.14...1.5



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
Note	

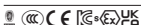
Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		440	
17.5		13.5	
1.5		1.5 mm ²	
6 kV / 3			
A1 / V-0			



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

Type	Qty.	Order No.
A2T 1.5 KNX RD-BK	50	2652200000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		440	
17.5		13.5	
1.5		1.5 mm ²	
6 kV / 3			
A1 / V-0			



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

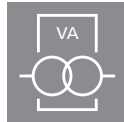
Type	Qty.	Order No.
A2T 1.5 KNX WT-YL	50	2652210000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000



Efficient implementation of testing and measurement switchgear

Safe and thorough with Klippon® Connect

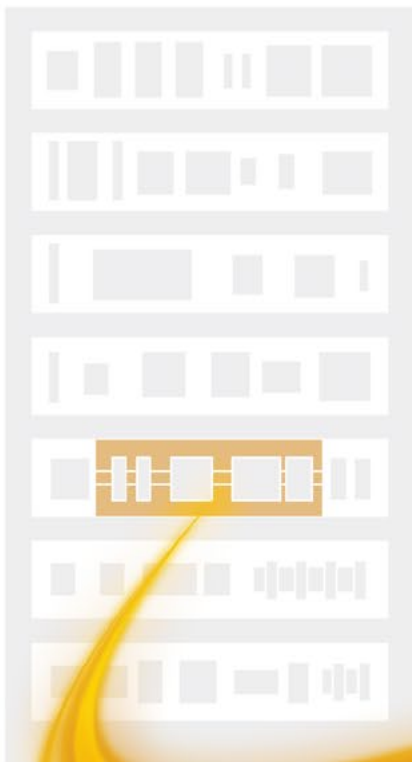


In energy monitoring, incorrect wiring can destroy current and voltage transformers. Our specially developed test-disconnect terminal blocks, in various connection technologies, are a safe way of solving this problem. Simple operation ensures error-free, convenient wiring. This guarantees the protection of your transformers and measuring devices and ensures safe, precise work. Our integrated terminal blocks, in modular design for transformer switches, also save space in the panel.

Our promise

The sophisticated features and proven connection technologies means Klippon® Connect solves testing and measurement issues more safely and efficient. Our extensive portfolio provides flexibility and productivity at all stages of the process.

B



Safety

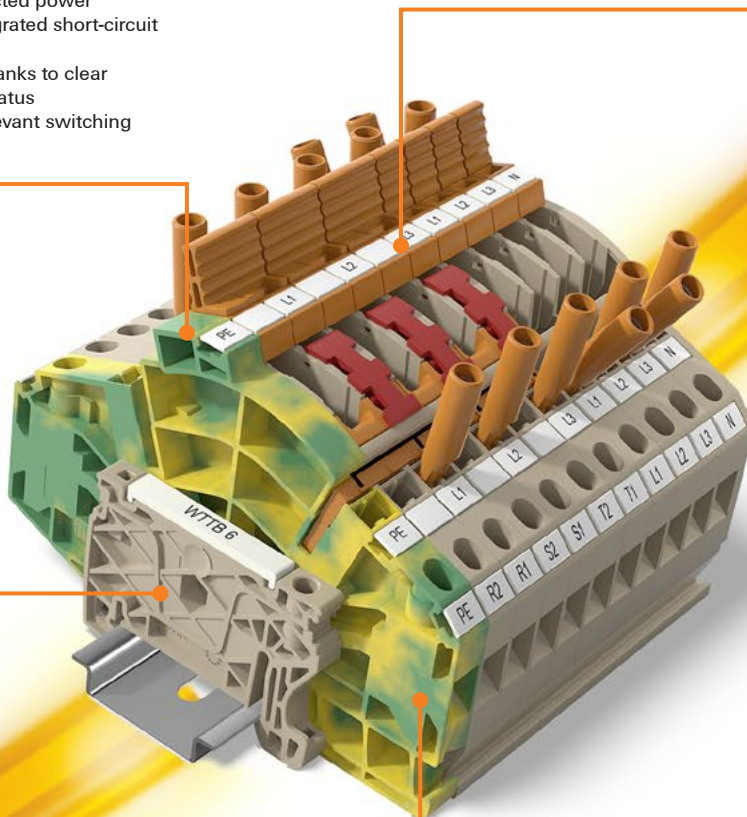
- Highest possible protection of measuring instruments against destruction by avoiding incorrect wiring
- Safe protection of connected power converters thanks to integrated short-circuit contact
- Simple, safe operation thanks to clear identification of switch status
- Lockout to secure the relevant switching status

Space saving

- Modular setup of transformer switching thanks to test-disconnect terminal blocks
- Design of a simple current transformer test circuit with just two terminal blocks

Time saving

- Extensive range of accessories consisting of test adapters, cross-connections and markers
- PUSH IN technology for quick, safe wiring
- Make before breake function exclusive to the TTB family



Flexibility

- Reliable implementation of all standard transformer switching applications
- Specially developed for all conceivable requirements



Our range



Simple operation to prevent errors:

With our test-disconnect terminal blocks, based on tested Weidmüller screw connection technology, connecting challenges can be resolved clearly and cost-effectively. The screws connecting the conductors are only accessible after the current transformer has been short-circuited using the short-circuit slider. This ensures safety as it prevents accidental short-circuiting or opening of the converter circuit.



Screwless and simple:

Our test-disconnect terminal blocks with PUSH IN and tension clamp technology are the ideal solution to establishing switching circuits for measurement tasks. The simple operating system with a spring connection and the clear identification of the switch status guarantee safe short-circuiting and disconnecting at all times.



Klippon® Connect TTB Range for instrument transformer wiring

Ensuring safety of personnel and devices

In T&D applications, current and voltage transformers are mainly used for protection and measurement functions. Our new TTB range of Klippon® Connect instrument transformer terminal blocks have been designed to meet all the connection requirements of these two critical applications.

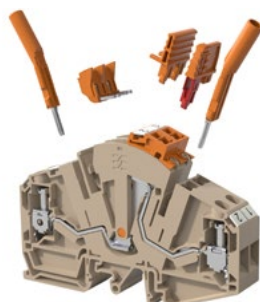


The wiring of current and voltage transformers can be carried out particularly easily and safely with the new terminal block series – even within complex circuits. The prevention of operating errors during operation increases plant availability and extends the life cycle of the entire control cabinet. Thus, the respective requirements of the end user are fulfilled to the highest degree.

B

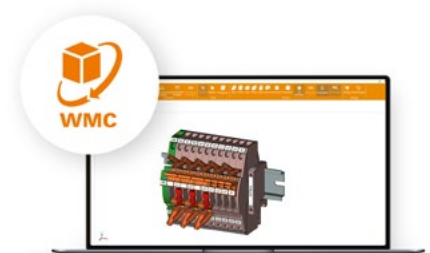
Captive components

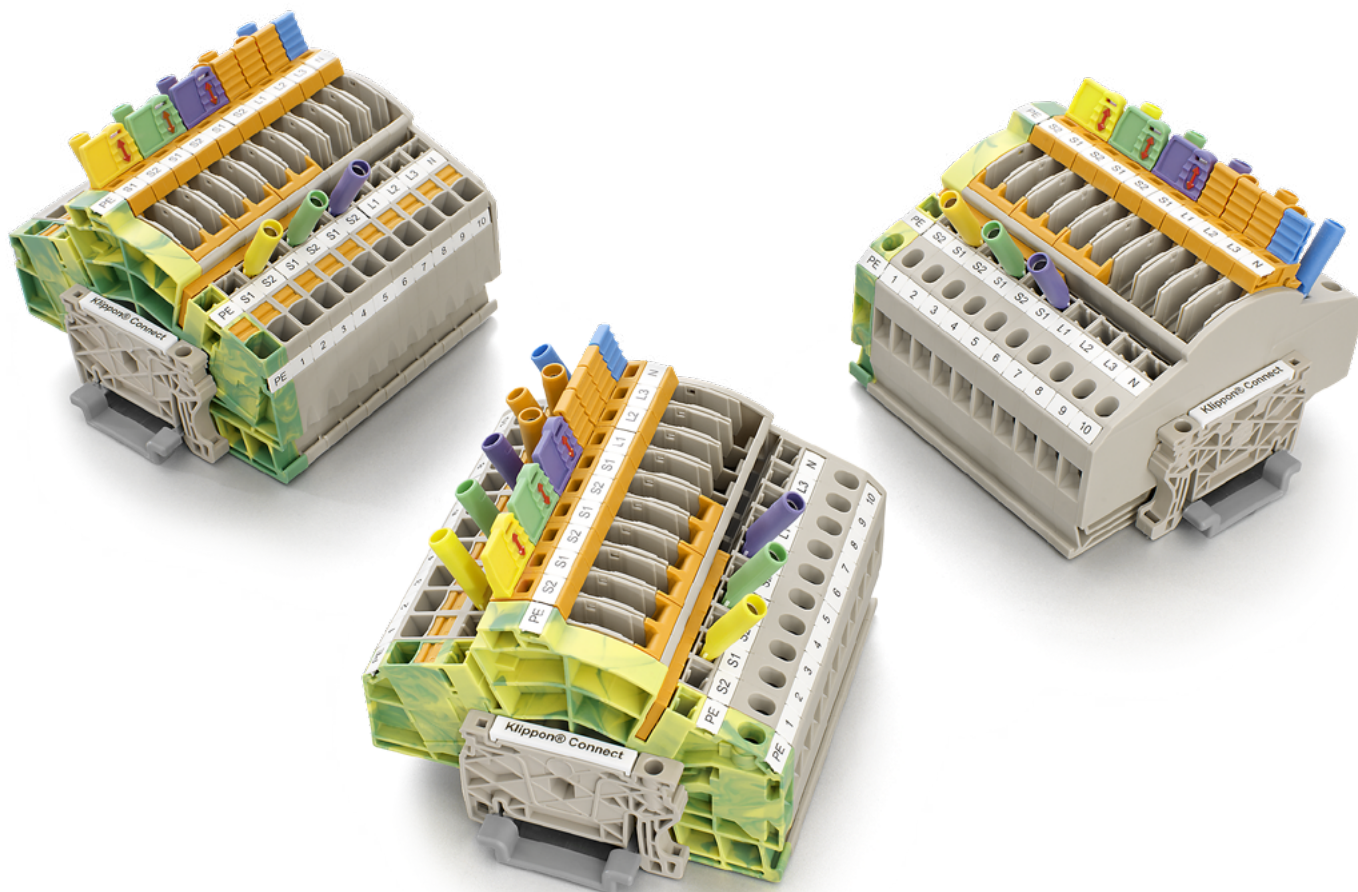
All function- and safety-relevant components are captively connected to the terminal block. This increases the reliability of the current and voltage transformer circuits during installation and maintenance work.



Data-supported accessory selection via WMC

The complete provision of data in the Weidmüller Configurator (WMC) enables a particularly simple selection of safety-critical accessories as well as safe and rational product configuration.





Unique lever mechanism

The unique lever mechanism is particularly user-friendly. It offers maximum contact reliability and can be optimally operated under all lighting conditions. The disconnect lever can be operated either manually or with a standard screwdriver. It also offers an easy possibility to implement multi-pole actuations.

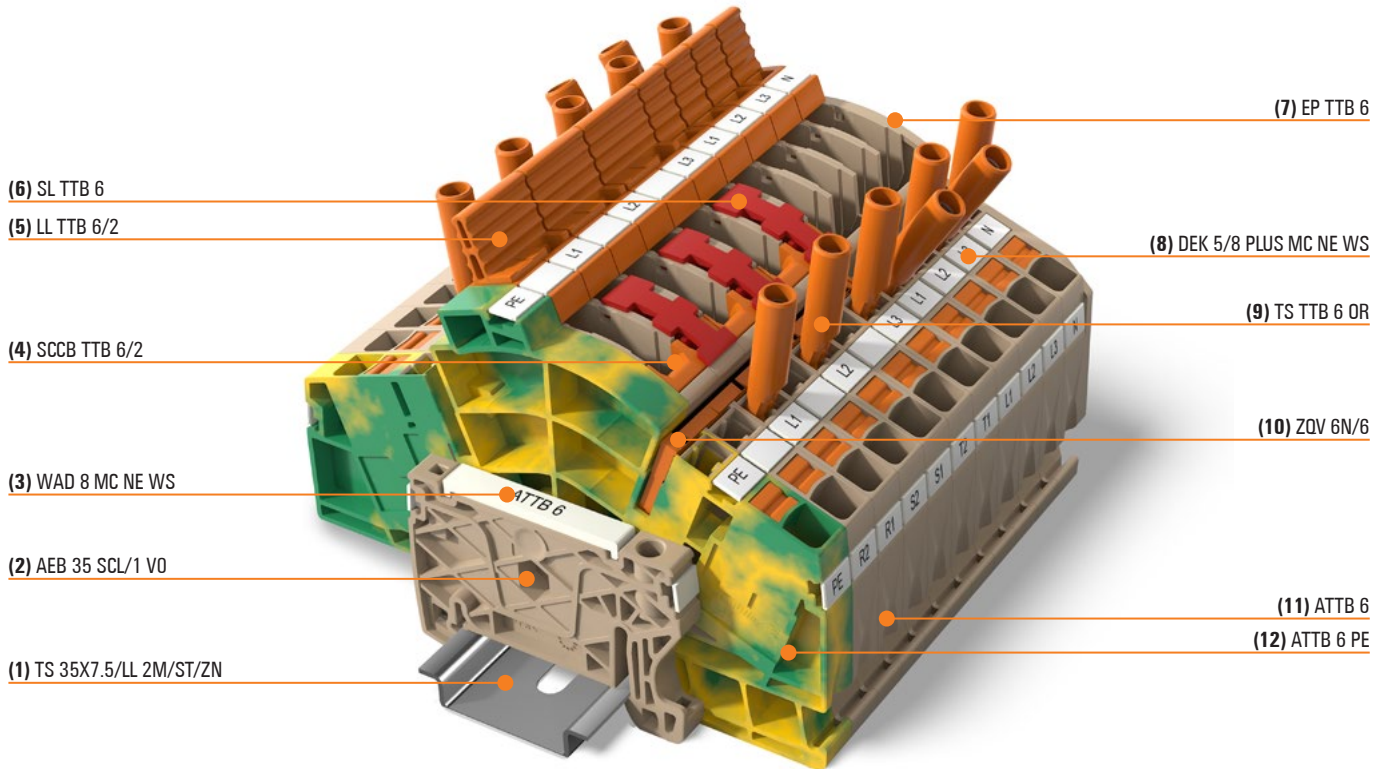
Free choice of connection technology

The TTB range terminal blocks and their accessories are highly standardised. All features can be used regardless of the chosen connection solution – whether PUSH IN or screw connection.



Klippon® Connect TTB-Range

Technical details and order numbers



Overview of ordering data

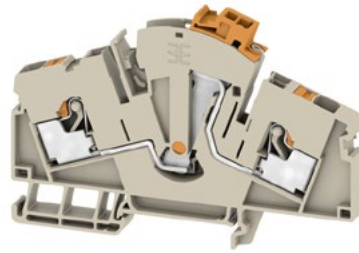
Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	0514500000
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	2661280000
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	1112910000
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	2710190000
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	2710200000
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	2710210000
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	2710230000
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	2710300000
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	2710440000
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	2710450000
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	2710460000
	Lever link for comparative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	2710370000
	Lever link for comparative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	2726100000
	Lever link for comparative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	2726110000
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	2710220000
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	2710170000
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	1046350000
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	2710470000
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	2733950000
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	2733960000
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	2733970000
11	Instrument transformer wiring terminal block	ATTB 6	8.1 x 69 x 100 mm	dark beige*	50	2710090000
12	Instrument transformer wiring terminal block PE	ATTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	2710100000

* More colored version you will find inside our online catalogue



ATTB 6

6 mm²



ATTB 6 PE

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 100 x 68	
30 / 10	
0.5...10	

8.1 x 100 x 68	
/ 10	
0.5...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short-time withstand current resistance	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		600	
30		29	
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A5 / V-0			

CE

Rated connection	
0.5...6 / 0.5...6	
0.5...10 / 0.5...6	
12 / 0.8 x 4.0 mm	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 22...8	
/ 3			
A5 / V-0			

CE

Rated connection	
0.5...6 / 0.5...6	
0.5...10 / 0.5...6	
12 / 0.8 x 4.0 mm	

Note

Ordering data

Version	
	dark beige
	Green/yellow
Note	

Type	Qty.	Order No.
ATTB 6	50	2710070000

Type	Qty.	Order No.
ATTB 6 PE	50	2710080000

Accessories

Short circuit bridge	
	2-pole
	3-pole
	4-pole
Cross-connector	
	6-pole
	7-pole
	10-pole
End plate	dark beige
Lever link	
	1-pole
	2-pole
	for comparative measurement 2-pole
Test plug	
	orange
	blue
	green
	yellow
	Black
	violet
Switch Lock	
Cover	
	Textile cover
	Cover profile
	Cover support
Marking tags	

Type	Qty.	Order No.	
SCCB TTB 6/2	30 A	25	2710190000
SCCB TTB 6/3	30 A	25	2710200000
SCCB TTB 6/4	30 A	25	2710210000
ZQV 6N/6	41 A	20	2733950000
ZQV 6N/7	41 A	20	2733960000
ZQV 6N/10	41 A	20	2733970000
EP TTB 6		20	2710170000
LL TTB 6/1		50	2710230000
LL TTB 6/2		50	2710300000
LL TTB 6/2 CM		50	2710370000
TS TTB 6 OR		48	2710470000
TS TTB 6 BL		48	2710480000
TS TTB 6 GN		48	2710490000
TS TTB 6 YL		48	2710500000
TS TTB 6 BK		48	2710520000
TS TTB 6 VT		48	2710530000
SL TTB 6		50	2710220000
CH TTB		1	2710130000
CP TTB		10	2710140000
CS TTB		10	2710150000
DEK-A 5/8 MM WS		500	2448860000
DEK 5/8 PLUS MC NE WS		800	1046350000

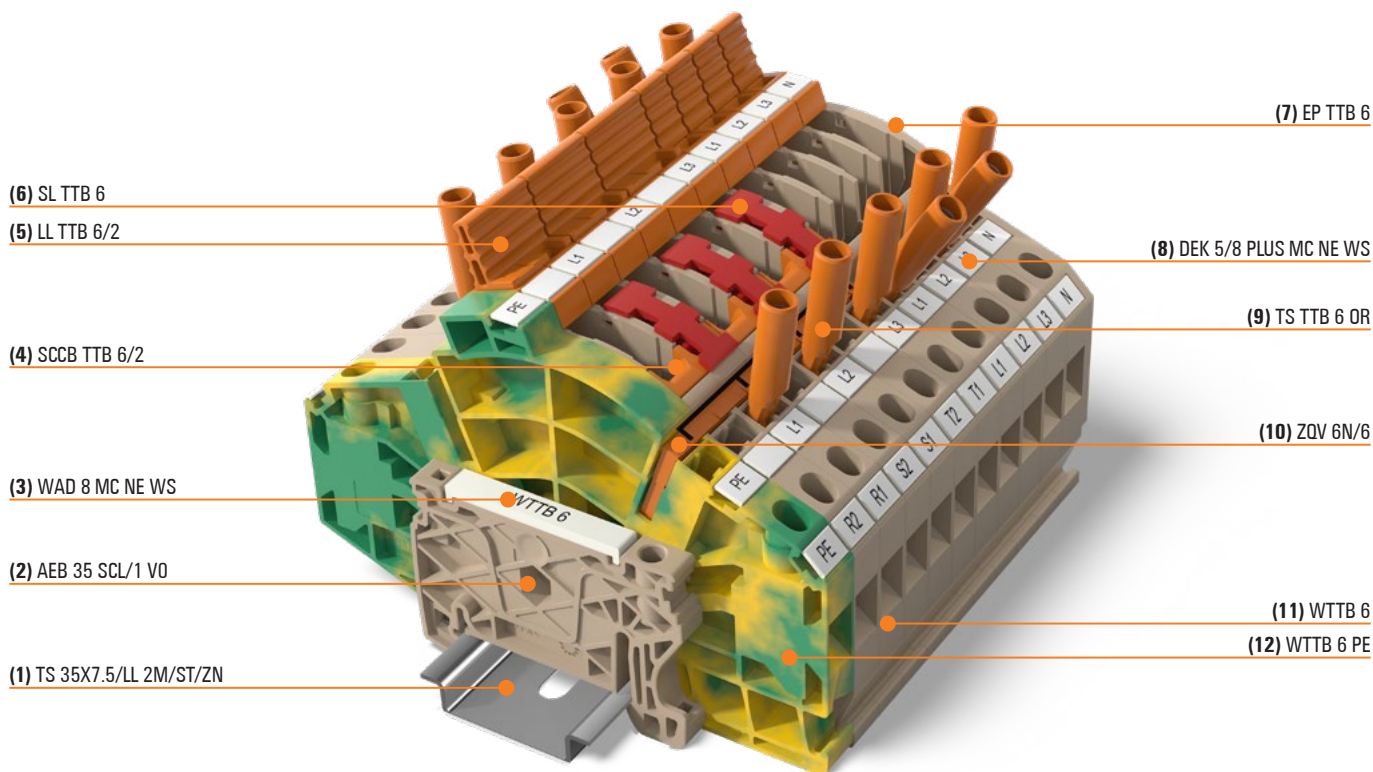
Type	Qty.	Order No.	
SCCB TTB 6/2	30 A	25	2710190000
SCCB TTB 6/3	30 A	25	2710200000
SCCB TTB 6/4	30 A	25	2710210000
ZQV 6N/6	41 A	20	2733950000
ZQV 6N/7	41 A	20	2733960000
ZQV 6N/10	41 A	20	2733970000
EP TTB 6		20	2710170000
LL TTB 6/1		50	2710230000
LL TTB 6/2		50	2710300000
LL TTB 6/2 CM		50	2710370000
TS TTB 6 OR		48	2710470000
TS TTB 6 BL		48	2710480000
TS TTB 6 GN		48	2710490000
TS TTB 6 YL		48	2710500000
TS TTB 6 BK		48	2710520000
TS TTB 6 VT		48	2710530000
SL TTB 6		50	2710220000
CH TTB		1	2710130000
CP TTB		10	2710140000
CS TTB		10	2710150000
DEK-A 5/8 MM WS		500	2448860000
DEK 5/8 PLUS MC NE WS		800	1046350000

For detailed information on other accessories and application in the online catalogue



Klippon® Connect TTB Range

Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	0514500000
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	2661280000
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	1112910000
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	2710190000
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	2710200000
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	2710210000
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	2710230000
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	2710300000
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	2710440000
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	2710450000
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	2710460000
	Lever link for comparative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	2710370000
	Lever link for comparative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	2726100000
	Lever link for comparative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	2726110000
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	2710220000
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	2710170000
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	1046350000
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	2710470000
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	2733950000
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	2733960000
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	2733970000
11	Instrument transformer wiring terminal block	WTTB 6	8.1 x 69 x 100 mm	dark beige*	50	2710090000
12	Instrument transformer wiring terminal block PE	WTTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	2710100000

* More colored version you will find inside our online catalogue





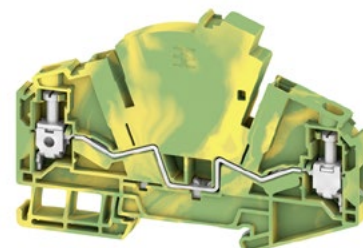
WTTB 6

6 mm²



WTTB 6 PE

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 100 x 69	
30 / 10	
0.5...10	

8.1 x 100 x 69	
/ 10	
0.5...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short-time withstand current resistance	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque	Nm
Stripping length / Blade size	mm/-

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	300	300	
30	30	30	
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A4 / V-0			
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...6			
0.8...1.6			
12 / 0.8 x 4.0 mm			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
500			
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A4 / V-0			
Rated connection			
0.5...10 / 0.5...6			
0.5...10 / 0.5...6			
0.8...1.6			
12 / 0.8 x 4.0 mm			

Note

Ordering data

Version	dark beige Green/yellow
Note	

Type	Qty.	Order No.
WTTB 6	50	2710090000

Type	Qty.	Order No.
WTTB 6 PE	50	2710100000

Accessories

Short circuit bridge	
2-pole	
3-pole	
4-pole	
Cross-connector	
6-pole	
7-pole	
10-pole	
End plate	
dark beige	
Lever link	
1-pole	
2-pole	
for comparative measurement 2-pole	
Test plug	
orange	
blue	
green	
yellow	
Black	
violet	
Switch Lock	
Cover	
Textile cover	
Cover profile	
Cover support	
Marking tags	
For detailed information on other accessories and application in the online catalogue	

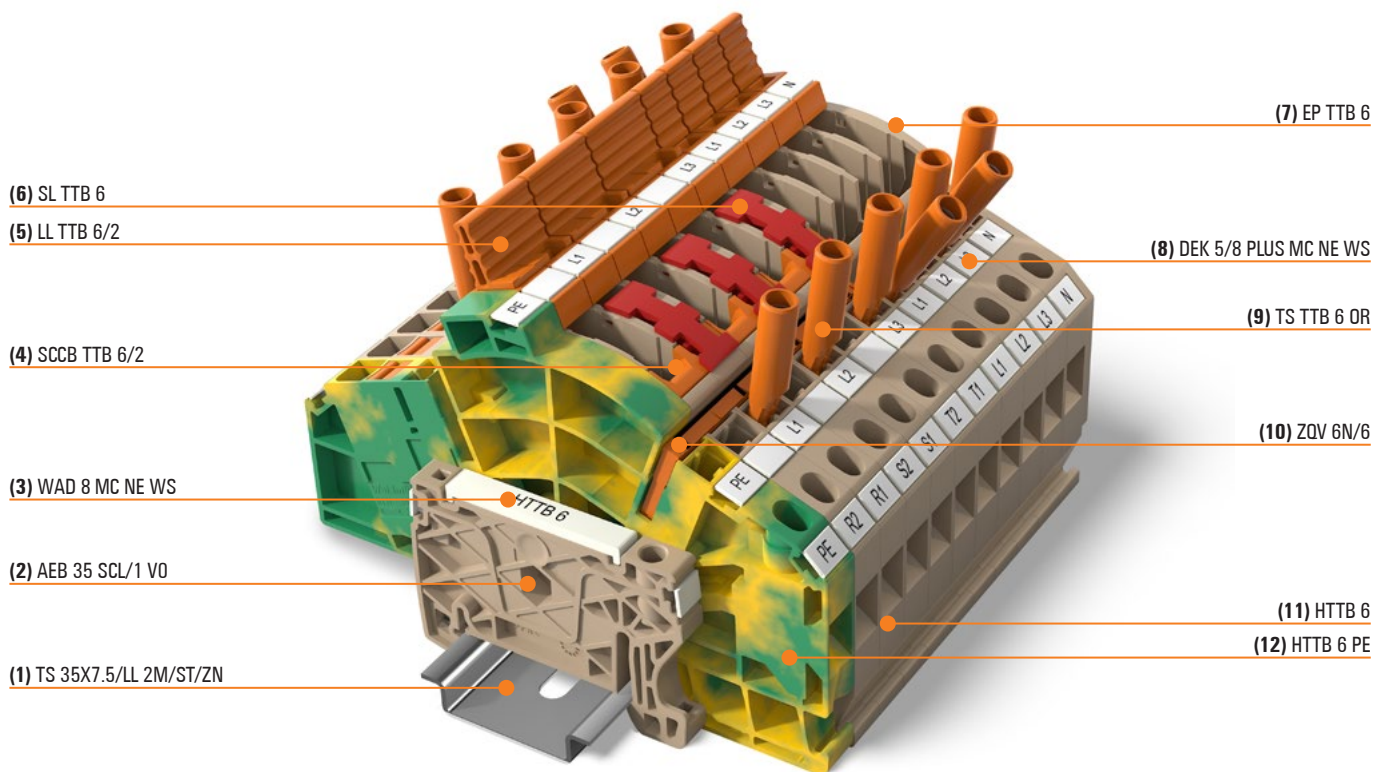
Type	Qty.	Order No.
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
EP TTB 6	20	2710170000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 GN	48	2710490000
TS TTB 6 YL	48	2710500000
TS TTB 6 BK	48	2710520000
TS TTB 6 VT	48	2710530000
SL TTB 6	50	2710220000
CH TTB	1	2710130000
CP TTB	10	2710140000
CS TTB	10	2710150000
DEK-A 5/8 MM WS	500	2448860000
DEK 5/8 PLUS MC NE WS	800	1046350000

Type	Qty.	Order No.
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
EP TTB 6	20	2710170000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 GN	48	2710490000
TS TTB 6 YL	48	2710500000
TS TTB 6 BK	48	2710520000
TS TTB 6 VT	48	2710530000
SL TTB 6	50	2710220000
CH TTB	1	2710130000
CP TTB	10	2710140000
CS TTB	10	2710150000
DEK-A 5/8 MM WS	500	2448860000
DEK 5/8 PLUS MC NE WS	800	1046350000



Klippon® Connect TTB-Range

Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	0514500000
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	2661280000
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	1112910000
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	2710190000
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	2710200000
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	2710210000
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	2710230000
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	2710300000
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	2710440000
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	2710450000
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	2710460000
	Lever link for comparative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	2710370000
	Lever link for comparative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	2726100000
	Lever link for comparative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	2726110000
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	2710220000
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	2710170000
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	1046350000
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	2710470000
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	2733950000
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	2733960000
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	2733970000
11	Instrument transformer wiring terminal block	HTTB 6	8.1 x 69 x 100 mm	dark beige*	50	2710110000
12	Instrument transformer wiring terminal block PE	HTTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	2710120000

* More colored version you will find inside our online catalogue

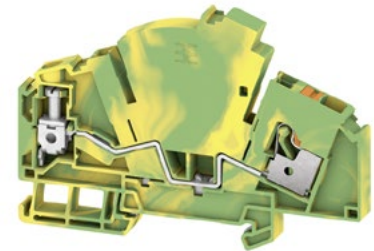
HTTB 6

6 mm²



HTTB 6 PE

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 100 x 68	
30 / 10	
0.5...10	

8.1 x 100 x 68	
/ 10	
0.5...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short-time withstand current resistance	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque	Nm
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		600	
30		29	
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A4 / V-0			

Rated connection		
0.5...10 / 0.5...10		
0.5...10 / 0.5...6		
0.8...1.6		
12 / 0.8 x 4.0 mm		

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A4 / V-0			

Rated connection		
0.5...10 / 0.5...10		
0.5...10 / 0.5...6		
0.8...1.6		
12 / 0.8 x 4.0 mm		

Note

Ordering data

Version	
	dark beige
	Green/yellow
Note	

Type	Qty.	Order No.
HTTB 6	50	2710110000

Type	Qty.	Order No.
HTTB 6 PE	50	2710120000

Accessories

Short circuit bridge	
	2-pole
	3-pole
	4-pole
Cross-connector	
	6-pole
	7-pole
	10-pole
End plate	
	dark beige
Lever link	
	1-pole
	2-pole
	for comparative measurement 2-pole
Test plug	
	orange
	blue
	green
	yellow
	Black
	violet
Switch Lock	
Cover	
	Textile cover
	Cover profile
	Cover support
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.	
SCCB TTB 6/2	30 A	25	2710190000
SCCB TTB 6/3	30 A	25	2710200000
SCCB TTB 6/4	30 A	25	2710210000
ZQV 6N/6	41 A	20	2733950000
ZQV 6N/7	41 A	20	2733960000
ZQV 6N/10	41 A	20	2733970000
EP TTB 6		20	2710170000
LL TTB 6/1	50		2710230000
LL TTB 6/2	50		2710300000
LL TTB 6/2 CM	50		2710370000
TS TTB 6 OR	48		2710470000
TS TTB 6 BL	48		2710480000
TS TTB 6 GN	48		2710490000
TS TTB 6 YL	48		2710500000
TS TTB 6 BK	48		2710520000
TS TTB 6 VT	48		2710530000
SL TTB 6	50		2710220000
CH TTB	1		2710130000
CP TTB	10		2710140000
CS TTB	10		2710150000
DEK-A 5/8 MM WS	500		2448860000
DEK 5/8 PLUS MC NE WS	800		1046350000

Type	Qty.	Order No.	
SCCB TTB 6/2	30 A	25	2710190000
SCCB TTB 6/3	30 A	25	2710200000
SCCB TTB 6/4	30 A	25	2710210000
ZQV 6N/6	41 A	20	2733950000
ZQV 6N/7	41 A	20	2733960000
ZQV 6N/10	41 A	20	2733970000
EP TTB 6		20	2710170000
LL TTB 6/1	50		2710230000
LL TTB 6/2	50		2710300000
LL TTB 6/2 CM	50		2710370000
TS TTB 6 OR	48		2710470000
TS TTB 6 BL	48		2710480000
TS TTB 6 GN	48		2710490000
TS TTB 6 YL	48		2710500000
TS TTB 6 BK	48		2710520000
TS TTB 6 VT	48		2710530000
SL TTB 6	50		2710220000
CH TTB	1		2710130000
CP TTB	10		2710140000
CS TTB	10		2710150000
DEK-A 5/8 MM WS	500		2448860000
DEK 5/8 PLUS MC NE WS	800		1046350000

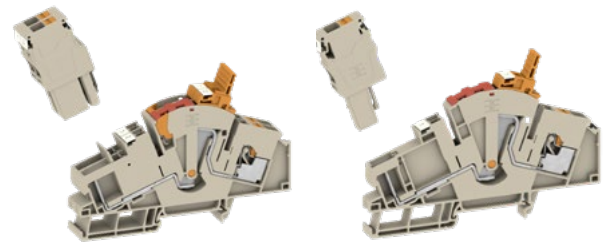
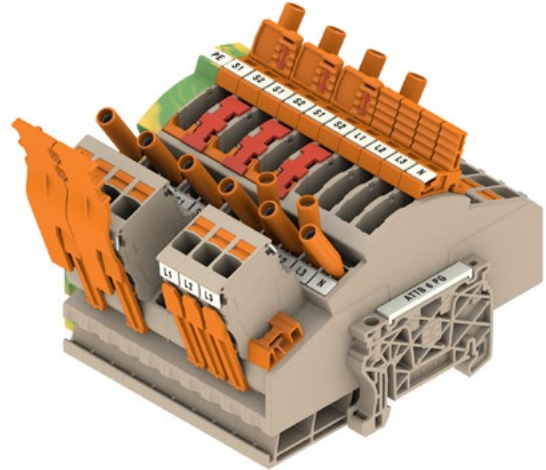


Simple, fast and safe wiring of current and voltage transformers

Klippon® Connect ATTB 6 PG range with pluggable connection for instrument transformer wiring

Where instrument transformer wiring requirements are coupled with enhanced wiring efficiency requests, all features of the TTB range can be exploited.

With the pluggable connection option located on the field side and directly connected to the instrument transformers, transformer circuits can now be wired even more securely.



B

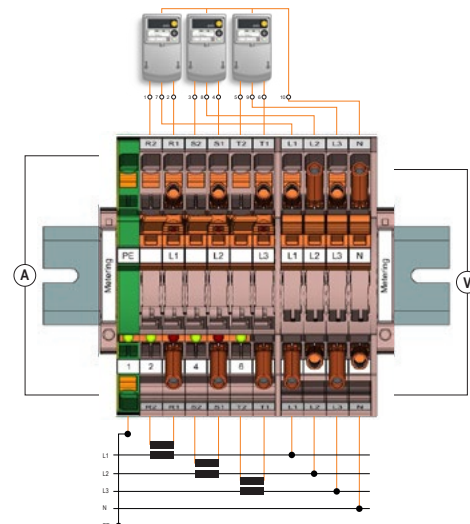
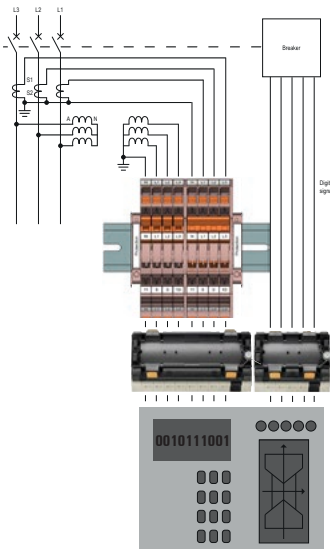
In current transformer circuits, the ATTB 6 PG CT is equipped with a specially designed 2 and 3 pole self-shorting plug able to guarantee a Make Before Break (MTB) contact under every handling condition. For voltage circuits a simple feed-through plug offered with the ATTB 6 PG VT guarantees the same handling easiness and safety required also for voltage circuits. Both CT and VT plugs are equipped with full coding possibility to avoid any dangerous exchange.

Protection relay application

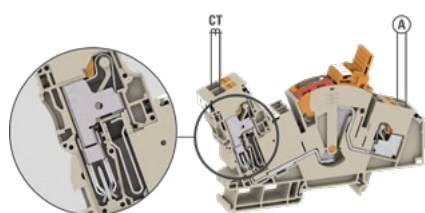
The increased wiring effort required by protective relay circuits can be optimally managed with the ATTB 6 PG. Thanks to its pluggable interface, tangible operational advantages are made possible without compromising safety.

Metering application

ATTB 6 PG terminal blocks can be easily configured onto a rail in order to form a complete and functional connectivity interface in any metering cabinet. This allows intuitive, fast and safe handling for any operator.

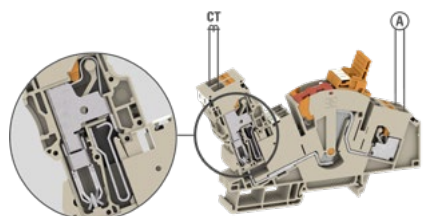
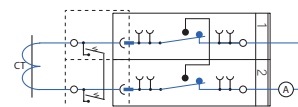
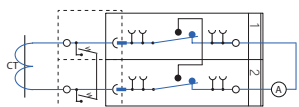
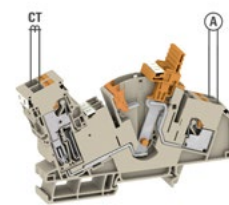


Voltage circuits do not require special operational safety other than avoiding short circuit on the secondary wiring if a VT is used. For current transformer assisted circuits, it is on the other hand of paramount importance to perform a preliminary shorting of a CT prior to any circuit opening.



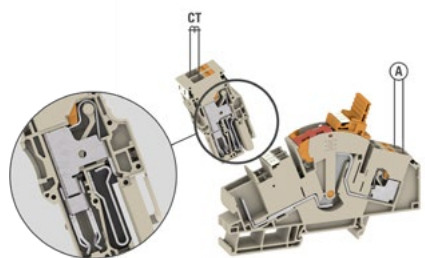
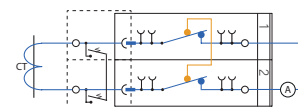
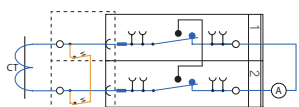
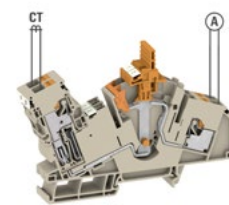
Normal operation – CT circuits

In normal operation, the plug is fully inserted. The circuit is closed and the current flows via the terminal blocks and the plug.



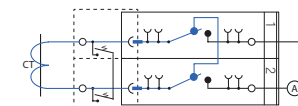
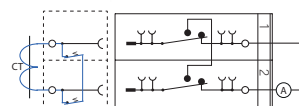
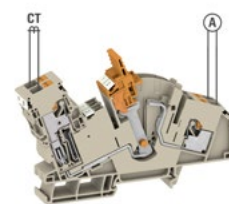
Make Before Break (MBB)– CT circuits

Throughout cabinet operational life or during assembly verifications, the circuit must be disconnected to allow further operations. To do so, the plug is partially extracted from the terminals. Before extraction is fully completed, a short circuit is established between its two poles. In a likewise manner, the same circuit status can be obtained by bringing the lever into its middle position.



Disconnect & short circuit – CT circuits

To fully allow consequent operations, the plug is completely extracted from the base terminals, thus maintaining the previously established short circuit between its poles and subsequently opening the circuit. The circuit can be equally safely and completely opened completing the rotation of the lever to the left. As a result the system allows the operator to enjoy a redundant Make Before Break contact.

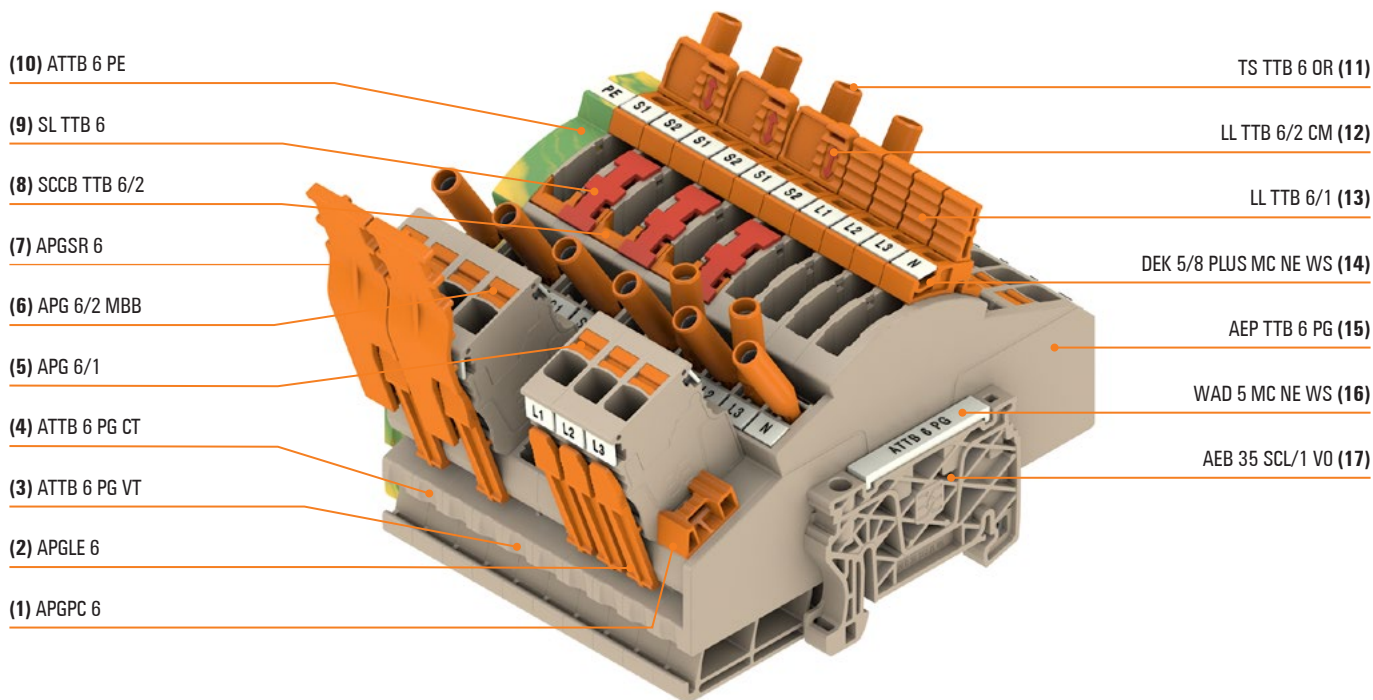


B



Klippon® Connect TTB-Range

Technical details and order numbers



Overview of ordering data

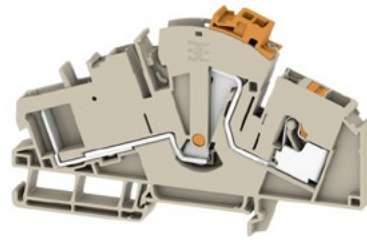
Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	0514500000
1	Protective cover	APGPC 6	7.9 x 15.5 x 20 mm	orange	20	2762410000
2	Locking element	APGLE 6	6.5 x 2.49 x 35.96 mm	orange	20	2762400000
3	Instrument transformer wiring terminal block (Voltage)	ATTB 6 PG VT	8.1 x 109 x 68 mm	dark beige*	50	2762290000
4	Instrument transformer wiring terminal block (Current)	ATTB 6 PG CT	8.1 x 109 x 68 mm	dark beige*	50	2762280000
5	Standard feed-through plug	APG 6/1	8.1 x 24.3 x 51 mm	beige	50	2762320000
6	Plug with Make Before Breake-funktion (MBB)	APG 6/2 MBB	16.2 x 27.5 x 51 mm	beige	20	2762330000
	Plug with Make Before Breake-funktion (MBB)	APG 6/3 MBB	24.3 x 27.5 x 51 mm	beige	20	2762340000
7	Strain relief	APGSR 6	15.9 x 7.7 x 58.1 mm	orange	20	2762390000
8	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	2710190000
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	2710200000
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	2710210000
9	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	2710220000
10	Instrument transformer wiring terminal block PE	ATTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	2710100000
11	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	2710470000
12	Lever link for comparative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	2710370000
	Lever link for comparative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	2726100000
	Lever link for comparative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	2726110000
13	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	2710230000
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	2710300000
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	2710440000
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	2710450000
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	2710460000
14	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	1046350000
15	Endplate	AEP TTB 6 PG	2.1 x 108.8 x 50.77 mm	dark beige	20	2762310000
16	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	1112910000
17	End bracket	AEB 35 SCL/1 VO	6 x 52.6 x 36.5 mm	dark beige*	50	2661280000
	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	2733950000
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	2733960000
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	2733970000
	Cooding element	APGCE	2.25 x 11 x 3.3 mm	orange	50	1514490000

* More colored version you will find inside our online catalogue



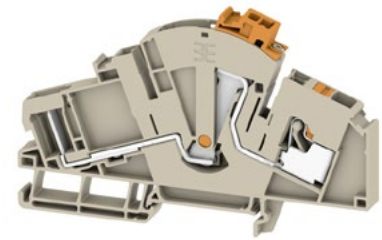
ATTB 6 PG CT

6 mm²



ATTB 6 PG VT

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 109 x 68	
30 / 10	
0.5...10	

8.1 x 109 x 68	
30 / 10	
0.5...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short-time withstand current resistance	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque	-
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
30	10	10	
6	AWG 22...8	AWG 22...8	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
30	29	29	
6	AWG 22...8	AWG 22...8	

6 kV / 3
A5 / V-0

6 kV / 3
A5 / V-0



Rated connection	
0.5...6 / 0.5...6	
0.5...10 / 0.5...6	
12 / 0.8 x 4.0 mm	



Rated connection	
0.5...6 / 0.5...6	
0.5...10 / 0.5...6	
12 / 0.8 x 4.0 mm	

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
ATTB 6 PG CT	50	2762280000

Type	Qty.	Order No.
ATTB 6 PG VT	50	2762290000

Accessories

Plug	
	1-pole
	2-pole
	3-pole
	4-pole
Short circuit bridge	
	2-pole
	3-pole
	4-pole
Cross-connector	
	6-pole
	7-pole
	10-pole
End plate	
	dark beige
Lever link	
	1-pole
	2-pole
	for comparative measurement 2-pole
Test plug	
	orange
Switch Lock	
Marking tags	
Plug with make before break-function (MBB)	
	2-pole
	3-pole
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
AEP TTB 6 PG	20	2762310000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
TS TTB 6 OR	48	2710470000
SL TTB 6	50	2710220000
DEK 5/8 PLUS MC NE WS	800	1046350000
DEK 5/8 PLUS MC WS LRP	800	2770670000
APG 6/2 MBB	30 A 20	2762330000
APG 6/3 MBB	30 A 20	2762340000

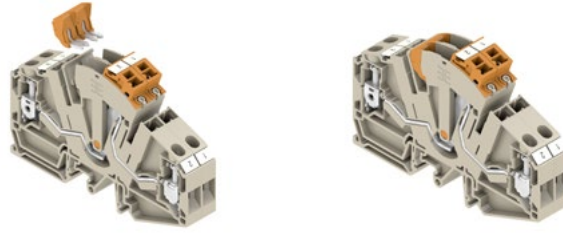
Type	Qty.	Order No.
APG 6/1	30 A 50	2762320000
APG 6/2	30 A 25	2882750000
APG 6/3	30 A 25	2882690000
APG 6/4	30 A 25	2829060000
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
AEP TTB 6 PG	20	2762310000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
TS TTB 6 OR	48	2710470000
SL TTB 6	50	2710220000
DEK 5/8 PLUS MC NE WS	800	1046350000
DEK 5/8 PLUS MC WS LRP	800	2770670000

Instrument transformer wiring TTB Range – Accessories

Accessories for test-disconnect terminal TTB 6

Short circuit bridge

The short circuit bridge can be simply and quickly inserted into the terminal blocks. If several levers are connected simultaneously with the lever connector, the make before break can be realised. Once mounted, the short circuit bridge cannot be removed from the application.



SCCB TTB 6



Type	Qty.	Order No.
SCCB TTB 6/2	25	2710190000
SCCB TTB 6/3	25	2710200000
SCCB TTB 6/4	25	2710210000

Lever link

The lever link mechanically locks the connected disconnect levers of the terminal blocks. Switching the lever link together with the inserted short circuit bridge allows make before break functionality inside the application. Once mounted, the lever link cannot be removed from the application.



LL TTB 6



Type	Qty.	Order No.
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/3	50	2710440000
LL TTB 6/4	25	2710450000
LL TTB 6/6	10	2710460000

More colours at catalog.weidmueller.com

Comparative measurement lever link

The LL TTB 6 CM enables safe and fast comparative measurement. After lifting the LL TTB 6 CM, the two levers of the terminal blocks are mechanically separated from each other and can be switched independently. Once mounted, the lever link cannot be removed from the application.



LL TTB 6 CM



Type	Qty.	Order No.
LL TTB 6/2 CM	50	2710370000
LL TTB 6/3 CM	50	2726100000
LL TTB 6/4 CM	50	2726110000

More colours at catalog.weidmueller.com

Test socket

The test socket is used to connect test devices with a standard 4.0 plug with widths up to 10 mm into the terminal. Test sockets are arranged at an angle, therefore all standard measurements (even adjoining) can be realised within the terminal width of 8.1 mm. Once mounted, the test socket cannot be removed from the application.



TS TTB 6

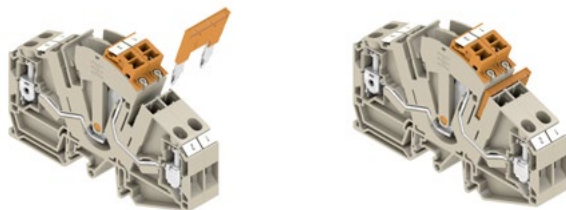


Type	Qty.	Order No.
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 YL	48	2710500000
TS TTB 6 GN	48	2710490000
TS TTB 6 VT	48	2710530000

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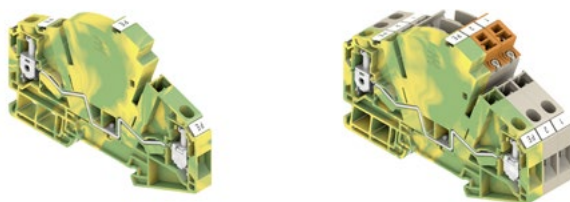
Cross-connection

The cross-connection enables potential multiplication or the realisation of a star connection within the application.



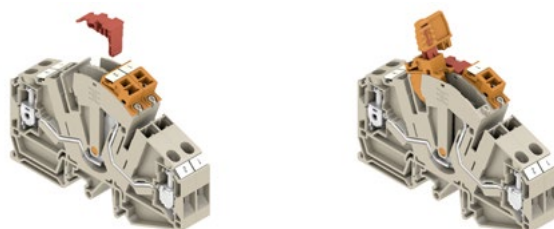
Contour-like PE terminal block

A PE terminal block with identical contour is a very useful component in a test-disconnect terminal block system, since it allows easy and safe realisation of star connection / reference points within the application.



Switch lock

The switch lock can be easily inserted into the terminal from above. The switch lock prevents unauthorised opening or closing of circuits as they block the disconnect lever in its respective position.



Combi-foot (for WTTB 6 and HTTB 6)

Integrated combi-foot allows easy and quick mounting onto all available TH 35 and G32 rails, thus allowing cost and time effective panel retrofit.



ZQV 6N/...



Type	Qty.	Order No.
ZQV 6N/4	60	1985780000
ZQV 6N/6	20	2733950000
ZQV 6N/7	20	2733960000
ZQV 6N/10	20	2733970000

TTB 6 PE



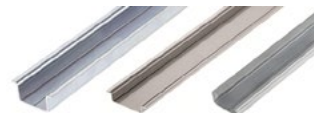
Type	Qty.	Order No.
ATTB 6 PE	50	2710080000
WTTB 6 PE	50	2710100000
HTTB 6 PE	50	2710120000

SL TTB 6



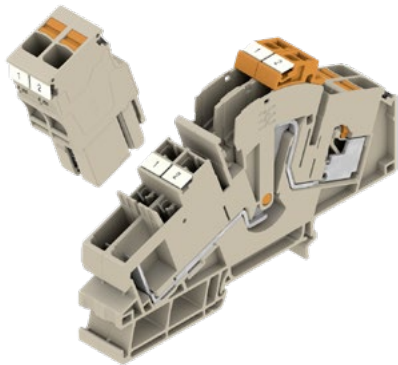
Type	Qty.	Order No.
SL TTB 6	50	2710220000

TS35 x... / TS32 x...



Type	Qty.	Order No.
TS 35X7.5/LL 2M/ST/ZN	2	0514500000
TS 32X15 2M/ST/ZN	2	0122800000
TS 35X15/LL 2M/ST/ZN	2	0236500000

Accessories for test-disconnect terminal TTB 6

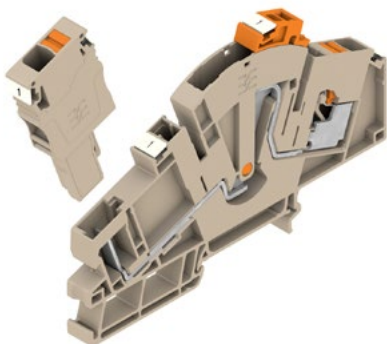


Plug with MBB function

The specially designed 2- and 3-pole self shorting plugs offer, in addition to all handling advantages, a guarantee make-before-break contact.

Type	Qty.	Order No.
APG 6/2 MBB	50	2762330000
APG 6/3 MBB	50	2762340000

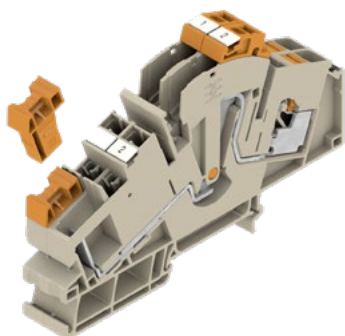
B



Standard plug

For voltage circuits a simple feed-through plug offered with the ATTB 6 PG VT guarantees the same handling easiness and safety required also for voltage circuits.

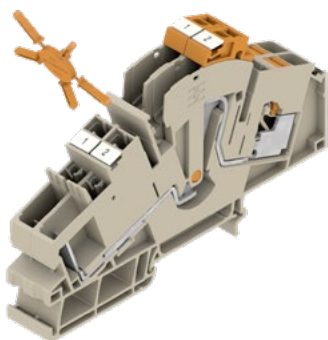
Type	Qty.	Order No.
APG 6/1	50	2762320000



Protective cover

The cover of the plug contact offers protection from external influences, e.g. soiling from dust.

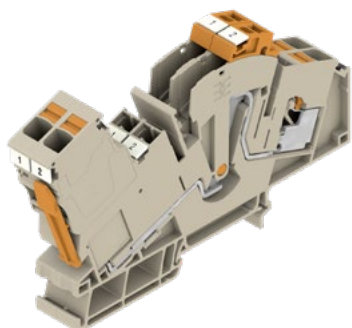
Type	Qty.	Order No.
APGPC 6	50	2762410000



Coding element

With the use of coding pins, individual coding options ensure trouble-free plug-in connection.

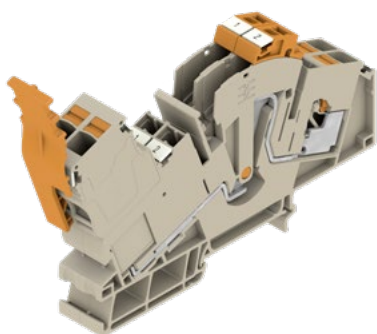
Type	Qty.	Order No.
APGCE	50	1514490000



Locking element

The plugs can be securely and easily fixed to the base terminal by using a locking element. The locking element avoids an unintentional disconnection of the plugs from the base terminal and ensures maximum safety.

Type	Qty.	Order No.
APGLE	50	2762400000



Strain relief

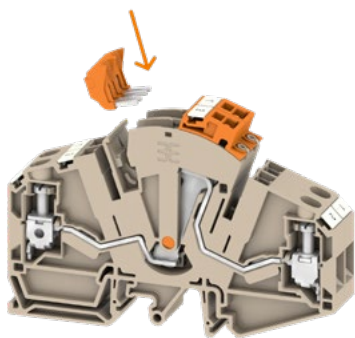
The strain relief protects the contact against mechanical stress and protects the connector against inadvertent release from the contact point

Type	Qty.	Order No.
APGSR	50	2762390000



Application examples

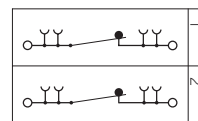
Changing a Protection/Metering device



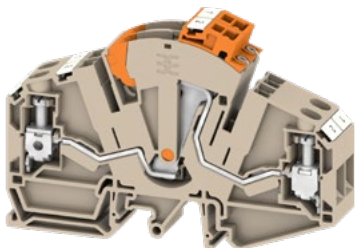
Planning and installation: Equipping the terminal blocks with accessories

1. SCCB TTB 6 short circuit bridge installation in progress

The short circuit bridge is inserted quickly and easily on the transformer side of the terminal block in its dedicated channel. Once mounted, the short circuit bridge cannot be removed from the application.

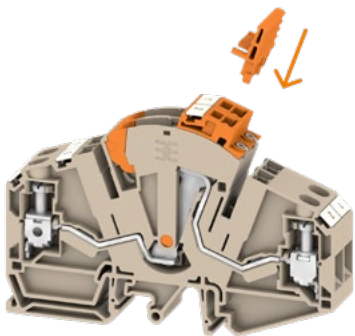
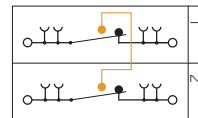


B



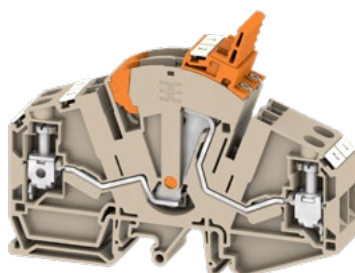
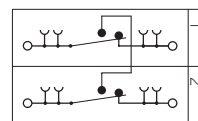
2. SCCB TTB 6 short circuit bridge installation completed

When inserted, depending on the position of the disconnect lever, an electrical connection (short circuit) between the two terminal blocks can be realised.



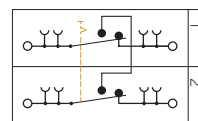
3. LL TTB 6 lever link installation in progress

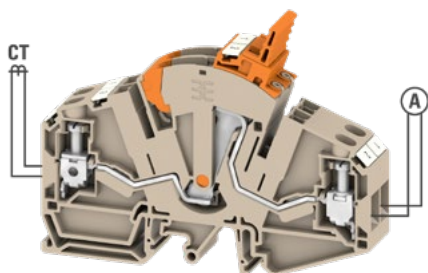
The lever link is plugged into the housings of the disconnect lever of the respective terminal blocks from above and creates a mechanical connection between them. Once mounted, the lever link cannot be removed from the application.



4. LL TTB 6 lever link installation completed

The mechanical connection between the lever mechanisms allows simultaneous opening or closing of two or more disconnect levers.

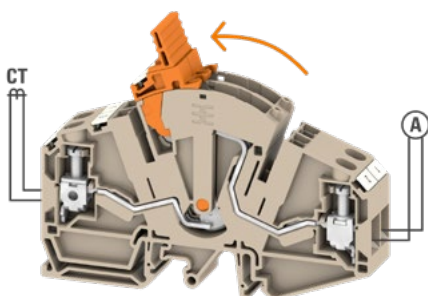
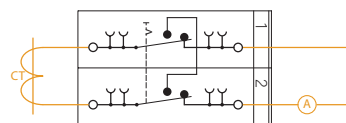




Installation: Wiring transformer and ammeter wiring

Wiring of current transformer and ammeter

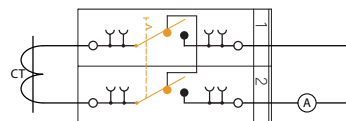
The transformer will be connected in the clamping units upstream the disconnect lever and the ammeter will be connected in the clamping units downstream the disconnect lever.



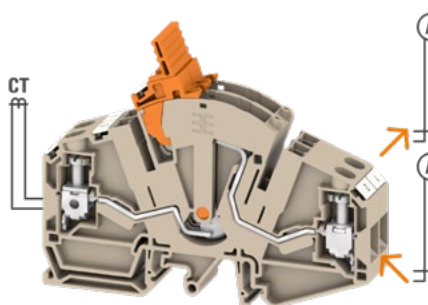
Operation: Changing an ammeter

1. Switching the lever link

Switching the lever link causes an automatic short circuit (make before break mechanism) on the secondary wiring of the current transformer. This prevents the voltage on the current transformer from surging and protects it from damage leading to its destruction.

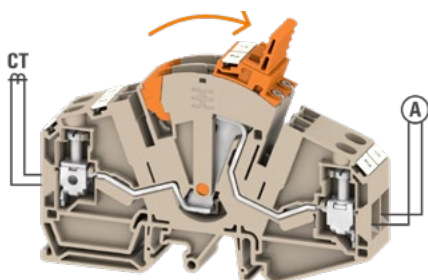
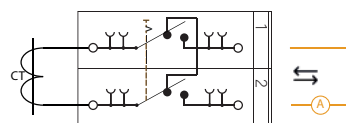


B



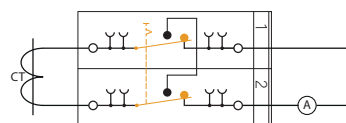
2. Replacing the ammeter

After short-circuiting the current transformer side and simultaneously disconnecting the circuit through the lever switching, the ammeter can be replaced easily and safely.



3. Restoring the lever link back into original position

Switching backwards the lever, restores the entire arrangement into its original status. The transition from the automatic short circuit back to the initial position is realised smoothly and safely.



Application examples

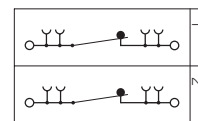
Performing a comparative measurement



Planning and installation: Equipping the terminal blocks with accessories

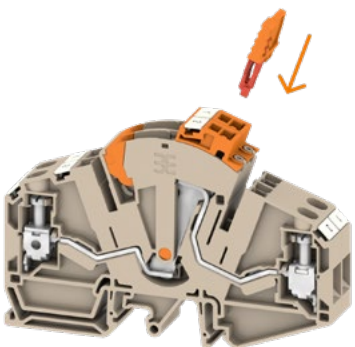
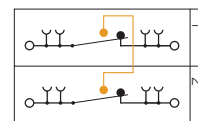
1. SCCB TTB 6 short circuit bridge installation in progress

The short circuit bridge is inserted quickly and easily on the transformer side of the terminal block in its dedicated channel. Once mounted, the short circuit bridge cannot be removed from the application.



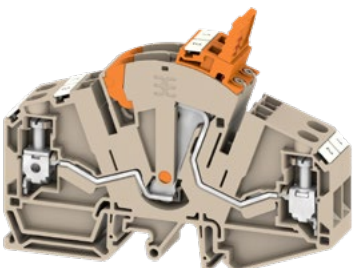
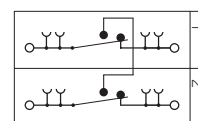
2. SCCB TTB 6 short circuit bridge installation completed

When inserted, depending on the position of the disconnect lever, an electrical connection (short circuit) between the two terminal blocks can be realised.



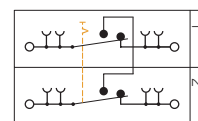
3. LL TTB 6 CM lever link installation in progress

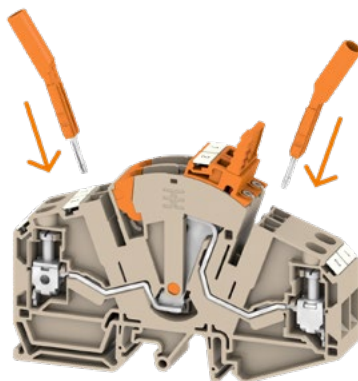
The CM lever link (having long, asymmetrical, red coloured foot) is plugged into the housings of the disconnect lever of the respective terminal blocks from above and creates a mechanical connection between them. Once mounted, the lever link cannot be removed from the application.



4. LL TTB 6 CM lever link installation completed

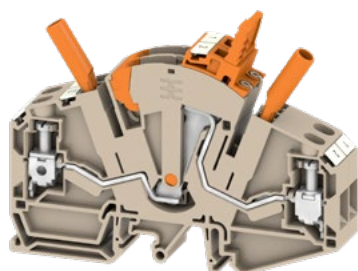
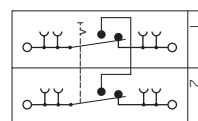
The mechanical connection of the lever mechanisms allows simultaneous opening or closing of two or more disconnect levers. By lifting the LL TTB 6 CM, the two (or more) disconnect levers of the terminal blocks are disengaged from each other and can be switched independently. Prior to any re-energising of the circuit, the CM needs to be pushed down into original position and the circuit closed.





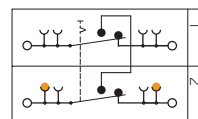
5. TS TTB 6 test sockets installation in progress

The TS TTB 6 test sockets are inserted into the bespoke housings provided in the terminal blocks from above. Once inserted, the test sockets cannot be removed from the installation.



6. TS TTB 6 test sockets installation completed

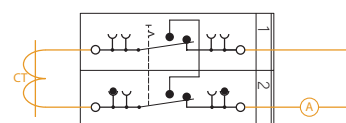
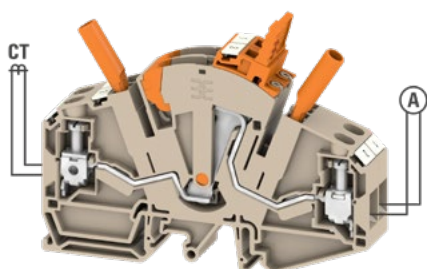
The test sockets are used to connect test devices with a standard 4.0 plug with widths up to 10 mm into the terminal. Test sockets are arranged at an angle, therefore all standard measurements (even adjoining) can be realised within the terminal width of 8.1 mm. Once mounted, the test socket cannot be removed from the application.



B

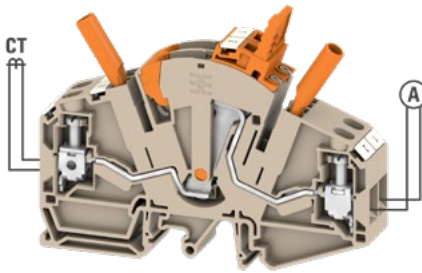
Installation: Wiring the transformer and the ammeter

The transformer will be connected in the clamping unit upstream the disconnect lever and the ammeter will be connected in the clamping units downstream the disconnect lever.



Application examples

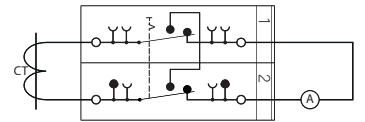
Performing a comparative measurement



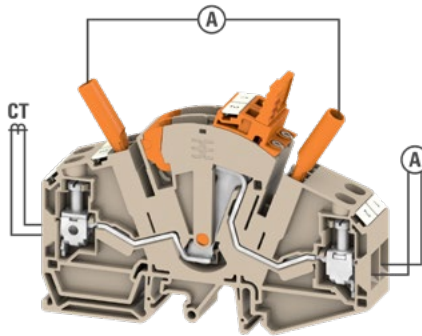
Operation: Performing a comparative measurement

1. Configuration correctly equipped

The installation of the required accessories to equip the terminal arrangement for comparative measurement and also the wiring of the primary side as well as the secondary side, has already been carried out. The installation is correctly prepared to perform the required operations.

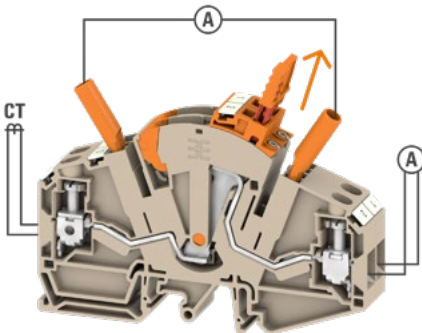
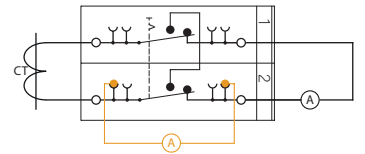


B



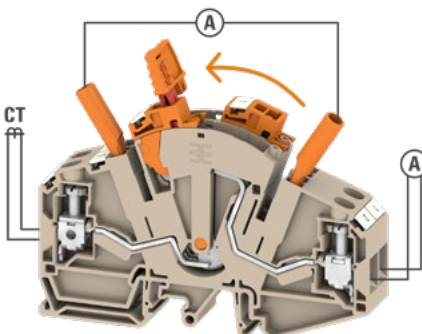
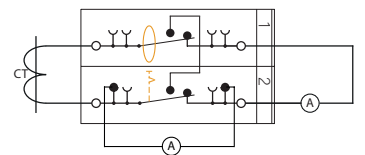
2. Connection of a reference measuring (calibrated) instrument

The reference measuring (calibrated) instrument is connected via standard 4.0 plugs to the test sockets on a terminal block. The connection is made inserting in parallel the calibrated instrument to the terminal block, where the disconnection will take place.



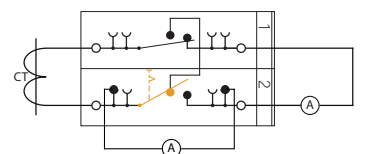
3. Lifting up the LL TTB 6 CM lever link

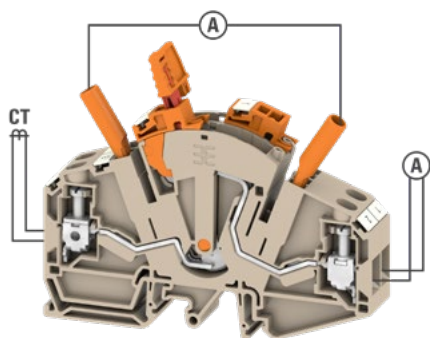
Lifting up the lever link LL TTB 6 CM causes a mechanical decoupling of the two disconnect levers. Now the two disconnect levers can be operated independently from each other within this application.



4. Switching the LL TTB 6 CM lever link

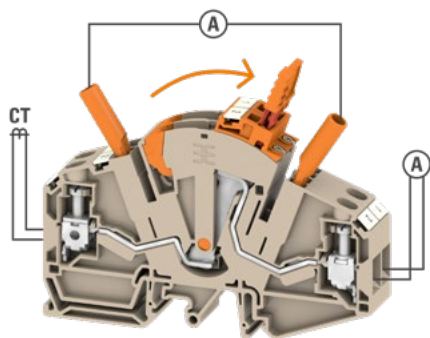
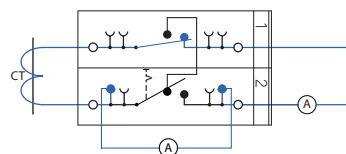
By switching the previously decoupled lever link, the current flow is diverted from the terminal block through the now parallel-connected reference measuring instrument.





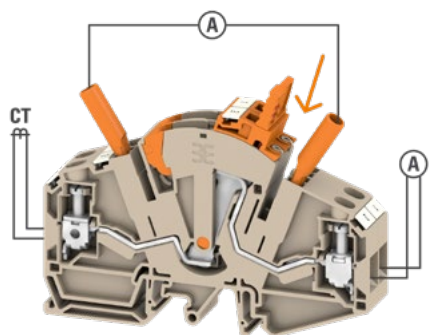
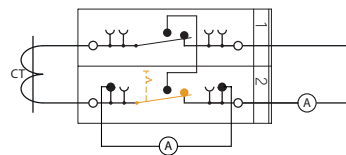
5. Performing the comparative reading of the two ammeters

The values measured by the ammeter connected downstream can now be compared with the values given by the reference meter since both instruments are reading the same current. The comparison measurement has now been successfully completed and the correct functional verification of the ammeter connected downstream the terminal has been carried out.



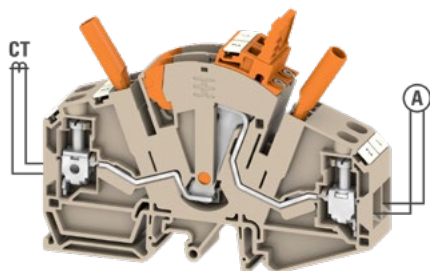
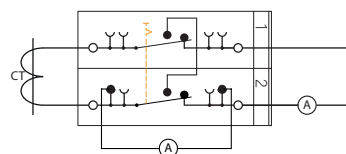
6. Restoring the lever link back into original position

Switching backwards the lever, restores the entire arrangement into its original status. The transition from the comparative measurement status back to the initial position is realised smoothly and safely.



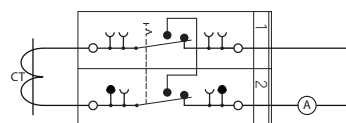
7. Pressing down the LL TTB 6 CM lever link

Pressing down the LL TTB 6 CM lever link restores the mechanical connection of the two disconnect levers within the application.



8. Disconnecting of the reference measuring instrument

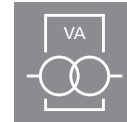
The reference measurement instrument is therefore disconnected from the installation by simply removing its plugs from the test sockets of the terminal block and the installation is restored in the initial status.



Simple, fast, and safe wiring of current and voltage transformers

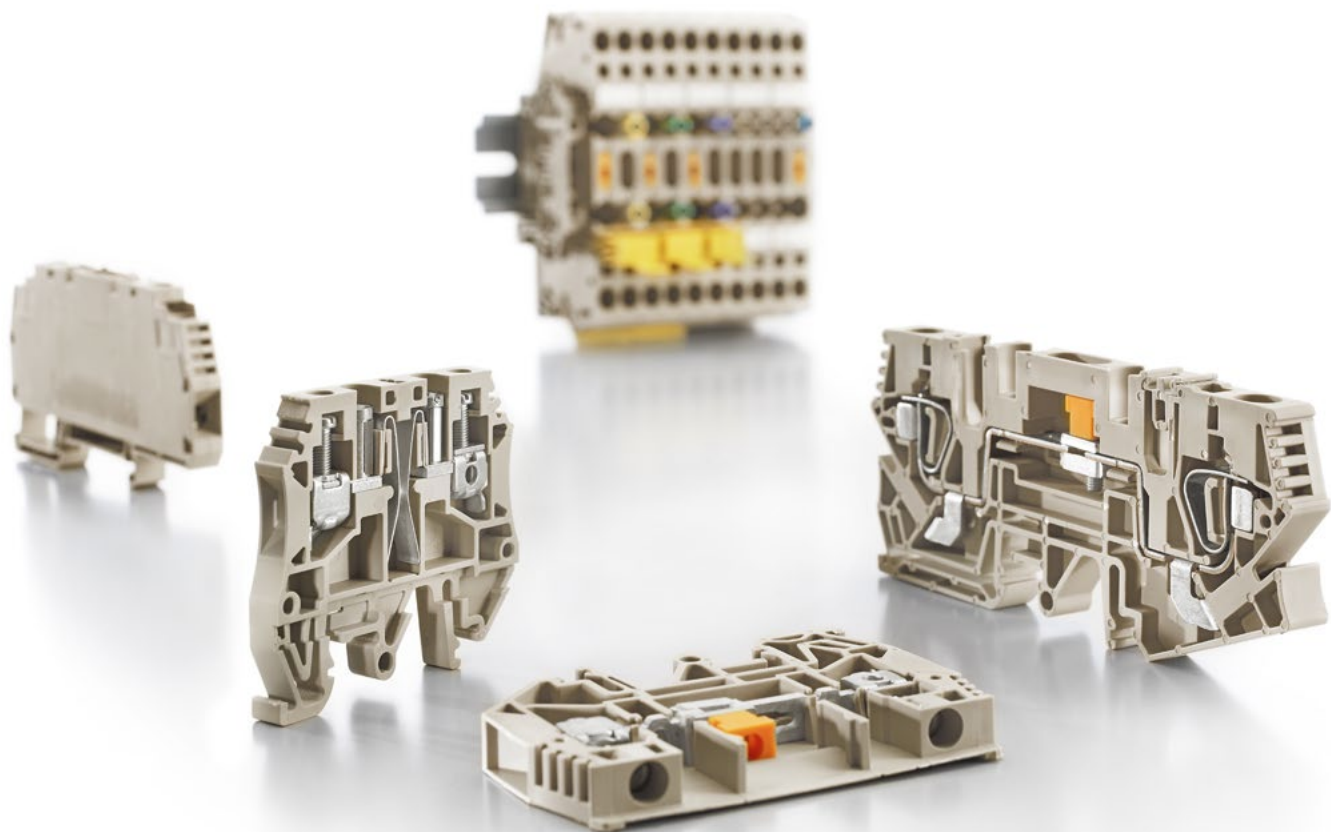
Klippon[®] Connect instrument transformer wiring terminal blocks

In energy monitoring, incorrect wiring can destroy current and voltage transformers. Our specially developed test-disconnect terminal blocks, in various connection technologies, are a safe way of solving this problem. Simple operation ensures error-free, convenient wiring. This guarantees the protection of your transformers and measuring devices and ensures safe, precise work. Our integrated terminal blocks, in modular design for transformer switches, also save space in the panel.



B





Instrument transformer wiring terminal blocks with tension clamp connection

The simple operating system with a spring connection and the clear identification of the switch status guarantee safe short-circuiting and disconnecting at all times.

Instrument transformer wiring terminal blocks with screw connection

With our test-disconnect terminal blocks, based on tested Weidmüller screw connection technology, connecting challenges can be resolved clearly and costeffectively.

Instrument transformer wiring terminal blocks with stud connection

The Instrument transformer wiring terminal blocks SDL 4 with stud connection technology enables simple instrument transformer wiring of ring cable lugs.



Instrument transformer wiring
Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque Separating screw	Nm
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	With socket
	without socket
Note	

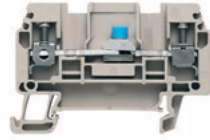
Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Cross-connection slider	
	2-pole
	Mounting screw for QVS
Testing / Checking	
	Test plug
	Socket
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

WTL 4

4 mm²



6.1 x 61.3 x 39.9
41 / 6
0.13...6

IEC	UL	CSA	EN 60079-7
500	300	300	
32	28	28	
4	AWG 26...10	AWG 26...10	
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...6 / 1.5...4			
0.5...4 / 0.5...4			
0.4...0.7 / (M 2.5)			
0.5...0.7			
10 / 0.6 x 3.5 mm			
Note			

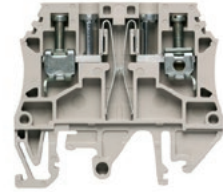
Type	Qty.	Order No.
WTL 4/STB	50	1754970000
WTL 4	50	1754960000
Note		

Type	Qty.	Order No.
WQV 4/2	41 A 50	1051960000
WQV 4/3	41 A 50	1054560000
WQV 4/4	41 A 50	1054660000
WQV 4/10	41 A 20	1052060000
Note		
ZAP/TW 1	50	1608740000
WEW 35/2	50	1061200000
QVS 2/4 SAKT4	32 A 20	1319260000
BFSC M3X22 SAKT4	50	1319900000
Note		
PS 2.3 RT	20 mA 20	0180400000
STB 8.5/5/2.3/M3 SAK2.5	50	0280600000
Note		
DEK 5/6 MC NE WS	1000	1609820000
Note		

WTL 4/2

4 mm²

Enforced short-circuit function



6 x 56.5 x 48.5
11 / 6
0.13...6

IEC	UL	CSA	EN 60079-7
500	300	150	
10	8	8	
4	AWG 26...10	AWG 26...10	
6 kV / 3			
A4 / V-0			
Rated connection			
0.5...6 / 1.5...6			
0.5...6			
0.5...0.8 / (M 3)			
10 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
WTL 4/2 STB	50	1881650000
Note		

Type	Qty.	Order No.
Note		
WAP WTL4/2	50	1881640000
WEW 35/2	50	1061200000
Note		
WTA 8 TN	6 A 25	1915450000
Note		
WS 12/6 MC NE WS	600	1609900000
Note		

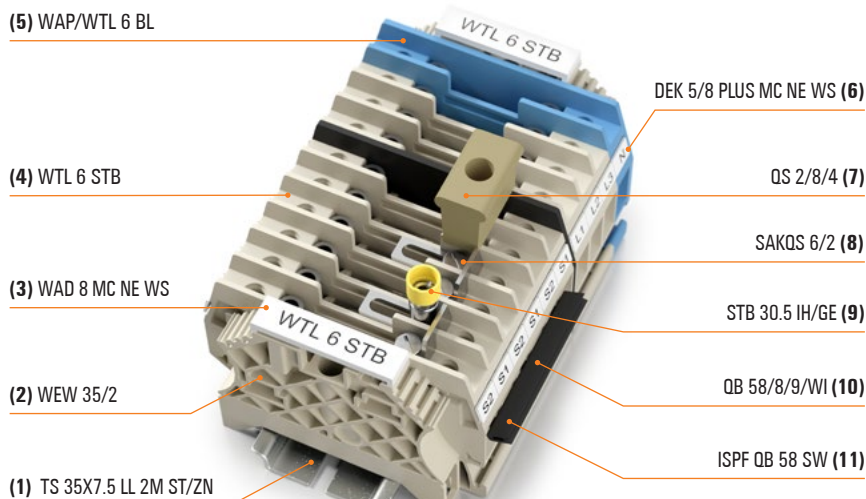
For detailed information on other accessories and application in the online catalogue





Test-disconnect terminal blocks

WTL 6 STB



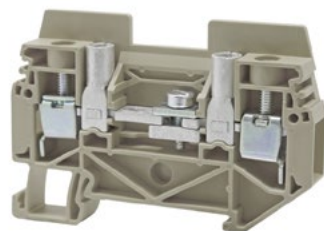
Ordering data

Pos.	Description	Type	Dimensions	Color	Order No.	Qty.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	0514500000	2
2	End bracket	WEW 35/2	6 x 52.6 x 36.5 mm	beige*	1061200000	100
3	Group marker	WAD 8 MC NE WS	8 x 11.7 x 33.3 mm	white	1112940000	48
4	Instrument transformer wiring terminal block	WTL 6 STB	8.1 x 69 x 100 mm	beige*	2863880000	50
	Instrument transformer wiring terminal block	WTL 6 STB BL	8.1 x 69 x 100 mm	beige*	2863890000	50
	Instrument transformer wiring terminal block	WTL 6 STB SW	8.1 x 69 x 100 mm	beige*	2863900000	50
	Instrument transformer wiring terminal block	WTL 6 STB GR	8.1 x 69 x 100 mm	beige*	2863910000	50
5	End plate	WAP/WTL 6 BL	2.1 x 34 x 61 mm	blue	2863970000	20
	End plate	WAP/WTL 6	2.1 x 34 x 61 mm	beige	2863960000	20
	End plate	WAP/WTL 6 SW	2.1 x 34 x 61 mm	black	2868510000	20
	End plate	WAP/WTL 6 GR	2.1 x 34 x 61 mm	light grey	2868500000	20
	Partition plate	WTW WTL 6/1 4MM	1.5 x 65 x 44.5 mm	dark beige	1766900000	20
6	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2.2 x 5 mm	white	1046350000	800
7	Short circuit bridge (pluggable)	2-pole QS 2/8/4	16 x 12 x 34.5 mm	silver	2709600000	20
8	Short circuit bridge (screwable with slider)	2-pole SAKQS 6/2		silver	2111240000	10
	Short circuit bridge (screwable with slider)	4-pole SAKQS 6/4		silver	2111670000	10
9	Test plug	STB 30.5 IH/GE	7.2 x 7.2 x 31.7 mm	yellow	0341500000	50
	Test plug	STB 30.5 IH/SW	7.2 x 7.2 x 31.7 mm	black	0341000000	50
	Test plug	STB 30.5 IH/GR	7.2 x 7.2 x 31.7 mm	light grey	0341100000	50
	Test plug	STB 30.5 IH/BL	7.2 x 7.2 x 31.7 mm	blue	0341200000	50
	Test plug	STB 30.5 IH/RT	7.2 x 7.2 x 31.7 mm	red	0341300000	50
	Test plug	STB 30.5 IH/GN	7.2 x 7.2 x 31.7 mm	green	0341400000	50
	Test plug	STB 30.5 IH/VI	7.2 x 7.2 x 31.7 mm	violet	0341600000	50
	Test plug	STB 30.5 IH/BR	7.2 x 7.2 x 31.7 mm	brown	1027870000	50
10	Cross-connection - straight 58-pole	QB 58/8/15	458.5 x 0.8 x 17.5 mm	silver	0545400000	10
10	Cross-connection - angled 58-pole	QB 58/8/9/WI	458.5 x 0.8 x 17.5 mm	silver	0545300000	10
11	Insulation profile (black) 58-pole	ISPF QB 58 SW	465 x 5.7 x 2.5 mm	black	0546000000	10
	Short circuit bridge (screwable and fixed) 2-pole	SAKQB 6/2		silver	2615330000	20
	Short circuit bridge (screwable and fixed) 3-pole	SAKQB 6/3		silver	2615340000	20
	Short circuit bridge (screwable and fixed) 4-pole	SAKQB 6/4		silver	2615360000	20
	Short circuit bridge (screwable and fixed) 10-pole	SAKQB 6/10		silver	2111230000	10
	Test plug	PS 4 F.STB 4	7.7 x 7.7 x 42 mm	red	0299600000	20

* More color variants in our online catalog

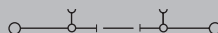
WTL 6 STB

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

7.9 x 69 x 46.5
41 / 10
0.5...10



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque Separating screw	Nm
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150		
41	30		
6	AWG 20...8		
6 kV / 3			
A5 / V-0			



Rated connection

0.5...10 / 0.5...10
0.5...6 / 0.5...6
0.8...1.2 / (M 3.5)
0.5...0.8
12 / 0.8 x 4.0 mm

Note

Ordering data

Version	
	dark beige
	Blue
	Black
	light grey
Note	

Type	Qty.	Order No.
WTL 6 STB	50	2863880000
WTL 6 STB BL	50	2863890000
WTL 6 STB SW	50	2863900000
WTL 6 STB GR	50	2863910000

Accessories

Short circuit bridge (screwable with slider)	
	2-pole
	4-pole
Short circuit bridge (screwable and fixed)	
	2-pole
	4-pole
Short circuit bridge (pluggable)	
	2-pole
Cross-connector	
	58-pole, straight
	58-pole, angled
	58-pole, Isolation profile (black)
Test socket	
	yellow
	green
	violet
	blue
End plate	
	dark beige
	blue
	Black
	green
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	
For detailed information on other accessories and application in the online catalogue	

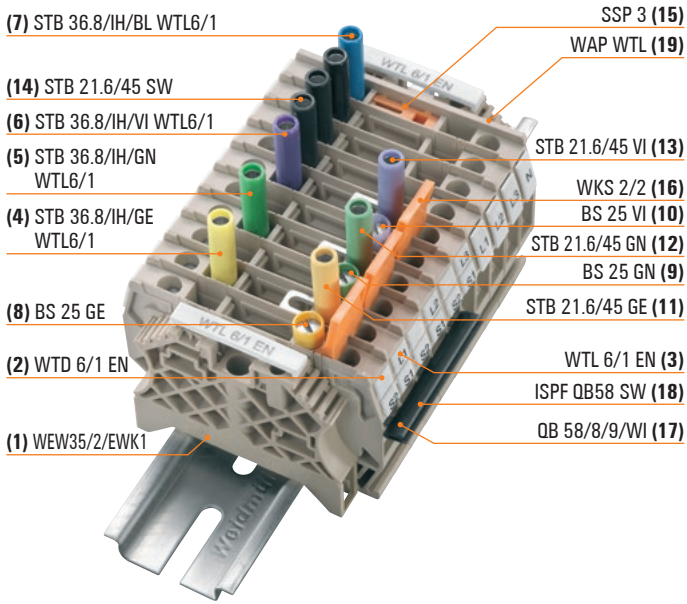
Type	Qty.	Order No.
SAQSS 6/2	10	2111240000
SAQSS 6/4	10	21111670000
SAQSB 6/2	20	2615330000
SAQSB 6/4	20	2615360000
QS 2/8/4	44 A 20	0270960000
QB 58/8/15	27 A 10	0545400000
QB 58/8/9/WI	27 A 10	0545300000
ISPF QB58 SW	10	0546000000
STB 30.5 IH/GE	50	0341500000
STB 30.5 IH/GN	50	0341400000
STB 30.5 IH/VI	50	0341600000
STB 30.5 IH/BL	50	0341200000
WAP WTL 6	20	2863960000
WAP WTL 6 BL	20	2863970000
WAP WTL 6 SW	20	2868510000
WAP WTL 6 GR	20	2868500000
WEW 35/2	50	1061200000
SDS 0.8X4.0X100	1	2749360000
DEK 5/8 PLUS MC NE WS	800	1046350000



Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN



B



Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTD 6/1 EN	1934830000	1934830000	3
3	WTL 6/1 EN	1934810000	1934810000	7
4	STB 36.8/IH/GE WTL6/1	1847760000	1847760000	1
5	STB 36.8/IH/GN WTL6/1	1847770000	1847770000	1
6	STB 36.8/IH/VI WTL6/1	1847780000	1847780000	1
7	STB 36.8/IH/BL WTL6/1	1847790000	1847790000	1
8	BS 25 GE	0335700000	0335700000	1
9	BS 25 GN	0335600000	0335600000	1
10	BS 25 VI	0335800000	0335800000	1
11	STB 21.6/45 GE	1936240000	1936240000	2
12	STB 21.6/45 GN	1936250000	1936250000	2
13	STB 21.6/45 VI	1936260000	1936260000	2
14	STB 21.6/45 SW	1936270000	1936270000	2
15	SSP 3	0531760000	0531760000	7
16	WKS 2/2	1936140000	1936140000	3
17	QB 58/8/9/WI	0545300000	0545300000	1
18	ISPF QB58 SW	0546000000	0546000000	1
19	WAP WTL	1957710000	1957710000	1
20	VH 16	0309700000	0309700000	9

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
17	QB 58*angled	0545300000	0545300000	1
18	ISPFQB58SW*	0546000000	0546000000	1

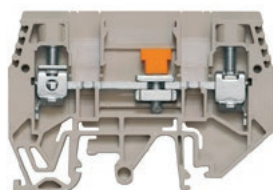
* Shorten to 5 poles



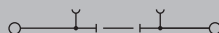
WTL 6/1 EN

6 mm²

Longitudinal - disconnecter



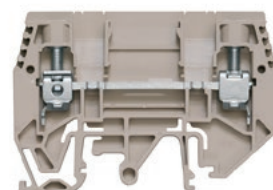
7.9 x 68.5 x 47.5
57 / 10
0.5...10



WTD 6/1 EN

6 mm²

Feed-through (bushing)



7.9 x 65 x 47.5
57 / 10
0.5...10



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque Separating screw	Nm
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	With socket
	without socket

Note

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
Testing / Checking	
	Socket - blue
	Socket - yellow
	Socket - green
	Socket
	Socket - blue
	Socket - yellow
	Socket - green
Miscellaneous accessories	
	Lockout device
Marking tags	

For detailed information on other accessories and application in the online catalogue

IEC	UL	CSA	EN 60079-7
630	300	300	
41	45	45	
6	AWG 20...8	AWG 20...8	
6 kV / 3			
A5 / V-0			



Rated connection	
	0.5...10 / 1.5...10
	0.5...10 / 0.5...6
	1...1.6 / (M 3.5)
	0.5...0.7
	12 / 0.8 x 4.0 mm

Type	Qty.	Order No.
WTL 6/1 EN STB	50	1934820000
WTL 6/1 EN	50	1934810000

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000

WAP WTL6/1 EN	20	1957710000
WTW WTL6/1 DB	20	1068400000

WEW 35/2	50	1061200000
----------	----	------------

WKS 2/2	41 A 50	1936140000
WKS 2/3	41 A 50	1936150000
WKS 2/4	41 A 50	1936160000
VH 16.1/5/3.4	50	0309700000

STB 21.6/45 BL	50	1936290000
STB 21.6/45 GE	50	1936240000
STB 21.6/45 GN	50	1936250000
STB 14/D6/4/M3 SAK10	500	2012420000
STB 36.8/IH/BL WTL6/1	50	1847790000
STB 36.8/IH/GE WTL6/1	50	1847760000
STB 36.8/IH/GN WTL6/1	50	1847770000

DEK 5/8 MC NE WS	800	1856740000
WS 12/8 PLUS MC NE WS	420	1906000000

IEC	UL	CSA	EN 60079-7
630	300	300	
41	45	45	
6	AWG 20...8	AWG 20...8	
6 kV / 3			
A5 / V-0			



Rated connection	
	0.5...10 / 1.5...10
	0.5...10 / 0.5...6
	0.8...1.6 / (M 3.5)
	12 / 0.8 x 4.0 mm

Type	Qty.	Order No.
WTD 6/1 EN	50	1934830000

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000

WAP WTL6/1 EN	20	1957710000
WTW WTL6/1 DB	20	1068400000

WEW 35/2	50	1061200000
----------	----	------------

WKS 2/2	41 A 50	1936140000
WKS 2/3	41 A 50	1936150000
WKS 2/4	41 A 50	1936160000
VH 16.1/5/3.4	50	0309700000

STB 21.6/45 BL	50	1936290000
STB 21.6/45 GE	50	1936240000
STB 21.6/45 GN	50	1936250000
STB 14/D6/4/M3 SAK10	500	2012420000
STB 36.8/IH/BL WTL6/1	50	1847790000
STB 36.8/IH/GE WTL6/1	50	1847760000
STB 36.8/IH/GN WTL6/1	50	1847770000

DEK 5/8 MC NE WS	800	1856740000
WS 12/8 PLUS MC NE WS	420	1906000000



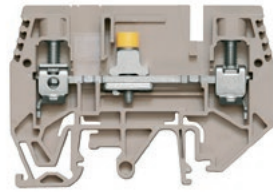
Instrument transformer wiring
Screw connection



WTQ 6/1 EN


6 mm²

Cross-connect/disconnect (isolator)



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

7.9 x 65 x 47.5
57 / 10
0.5...10



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	-
Tightening torque Separating screw	-
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
500	300	300	
41	45	45	
6	AWG 20...8	AWG 20...8	
6 kV / 3			
A5 / V-0			
CE			
Rated connection			
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
/ (M 3.5)			
12 / 0.8 x 4.0 mm			
Note			

B

Ordering data

Version	With socket without socket
Note	

Type	Qty.	Order No.
WTQ 6/1 EN STB	50	1934800000
WTQ 6/1 EN	50	1934790000
Note		

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
Testing / Checking	
	Socket - blue
	Socket - yellow
	Socket - green
	Socket
	Socket - blue
	Socket - yellow
	Socket - green
Miscellaneous accessories	
	Lockout device
Marking tags	

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
WAP WTL6/1 EN	20	1957710000
WTW WTL6/1 DB	20	1068400000
WEW 35/2	50	1061200000
WKS 2/2	41 A 50	1936140000
WKS 2/3	41 A 50	1936150000
WKS 2/4	41 A 50	1936160000
VH 16.1/5/3.4	50	0309700000
STB 21.6/45 BL	50	1936290000
STB 21.6/45 GE	50	1936240000
STB 21.6/45 GN	50	1936250000
STB 14/D6/4/M3 SAK10	500	2012420000
STB 36.8/IH/BL WTL6/1	50	1847790000
STB 36.8/IH/GE WTL6/1	50	1847760000
STB 36.8/IH/GN WTL6/1	50	1847770000
DEK 5/8 MC NE WS	800	1856740000
WS 12/8 PLUS MC NE WS	420	1906000000
Note		

For detailed information on other accessories and application in the online catalogue



Instrument transformer wiring

Screw connection – accessories

Accessories for test-disconnect terminals WTL 6/1

Technical data

Rated voltage	
for neighbouring	rated voltage
WQV	bis 400 V

SSP WTL, **SSP 3** and **SSP 4** prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

Type	Qty.	Order No.
SSP 3	100	0531760000
SSP WTL	100	1604200000

B

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.



Accessories for test-disconnect terminals WTL 6/1 EN

BS / VH



Type	Colour	Qty.	Order No.
Fixing screws			
BS 25	yellow	50	0335700000
BS 25	green	50	0335600000
BS 25	violet	50	0335800000
BS 25	grey	50	0335300000
BS 25	black	50	0335200000
BS 25	blue	50	0335400000
BS 25	red	50	0335500000
BS 25	blank	50	0334700000
STB 25			
STB 21.6/45 BL	blue	50	1936290000
STB 21.6/45 DB	d.blue	50	1938790000
STB 21.6/45 GE	yellow	50	1936240000
STB 21.6/45 GN	green	50	1936250000
STB 21.6/45 GR	grey	50	1936280000
STB 21.6/45 RT	red	50	1936300000
STB 21.6/45 SW	black	50	1936270000
STB 21.6/45 VI	violet	50	1936260000
Connecting sleeves			
VH 16/5/3.5 SAK10-35 CuZn 39 (brass alloy)		50	0309700000
STB 36,8			
STB 36.8/IH/GE WTL6/1		50	1847760000
STB 36.8/IH/GN WTL6/1		50	1847770000
STB 36.8/IH/VI WTL6/1		50	1847780000
STB 36.8/IH/BL WTL6/1		50	1847790000

WQV / QL



WQV (only for WTL 6/2, WTL 6/3)

Type	No. of poles	Qty.	Order No.
WQV 6/2	2	50	1052360000
WQV 6/3	3	50	1054760000
WQV 6/4	4	50	1054860000
WQV 6/5	5	50	1062660000
WQV 6/7	7	50	1062680000
WQV 6/10	10	20	1052260000

WKB / WKS



WKB WKS 1 WKS 2

Type	No. of poles	Qty.	Order No.
WKB			
WKB 1/2	2	50	1604280000
WKB 1/3	3	50	1604300000
WKB 1/4	4	50	1604320000
WKB 1/10	10	20	1604330000
WKS			
WKS 1/2	2	50	1604270000
WKS 1/3	3	50	1604290000
WKS 1/4	4	50	1604310000
WKS 2/2	2	50	1936140000
WKS 2/3	3	50	1936150000

QS 2



Type	No. of poles	Qty.	Order No.
QS 2	2	20	0270960000
x = 8 mm, y = 16 mm			
QS 2	2	20	0270860000
x = 10 mm, y = 20 mm			
QS 2	2	20	0270760000
x = 12 mm, y = 20 mm			

B



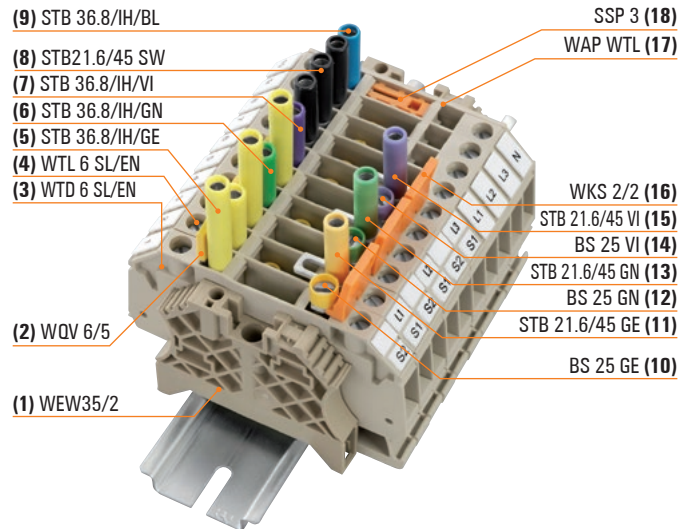
Testing made easy

WTL 6 SL EN / WTD 6 SL EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL EN test/disconnect terminals and the WTD 6 SL EN feed-through terminals.

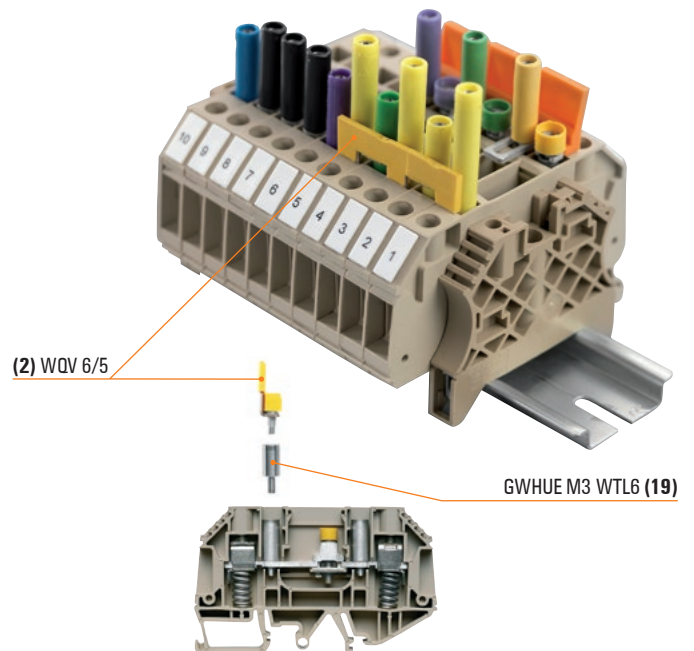
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



Example transformer using WTL 6 SL EN / WTD 6 SL EN

Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL EN	9538100000	3
4	WTL 6 SL EN	9538080000	7
5	STB 36.8/IH/GE	1847760000	4
6	STB 36.8/IH/GN	1847770000	1
7	STB 36.8/IH/VI	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3
20	VH 19	0318000000	6

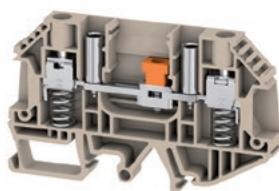




WTL 6 SL/EN

6 mm²

Longitudinal - disconnecter



7.9 x 82.7 x 49.5

57 / 6

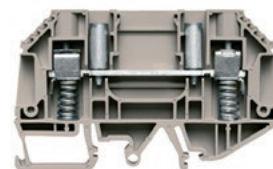
0.5...6



WTD 6 SL/EN

6 mm²

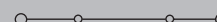
Feed-through



7.9 x 82.7 x 49.5

57 / 6

0.5...6



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Tightening torque Separating screw	Nm
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	With socket
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Black
	dark beige
	dark beige
End bracket	
	dark beige
Hak. Cable lugs	
Marking tags	
Threaded bushing	
	Standard

For detailed information on other accessories and application in the online catalogue

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630			
41			
6			
		6 kV / 2	
		A5 / V-0	



Rated connection

0.5...6	6
0.5...6	
0.8...1.6 / (M 3.5)	
0.5...0.7	
16 / 0.8 x 4.0 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630			
41			
6			
		6 kV / 2	
		A5 / V-0	



Rated connection

0.5...6	6
0.5...6	
0.8...1.6 / (M 3.5)	
16 / 0.8 x 4.0 mm	

Type	Qty.	Order No.
WTL 6 SL/EN	50	9538080000

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP WTL6 SL	20	9538110000
WAP WTL6 SL 4-6	20	1238880000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
WS 12/6.5 MC NE WS	540	1609920000
GWHUE M3 WTL6	50	1255010000

Type	Qty.	Order No.
WTD 6 SL/EN	50	9538100000

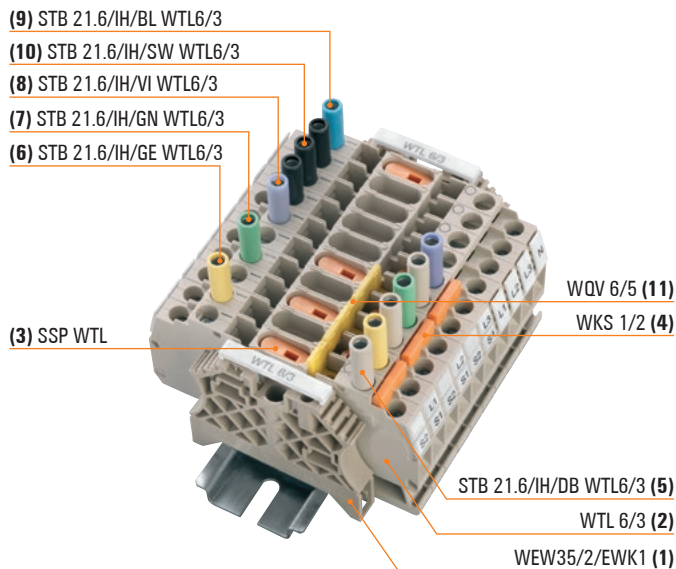
Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
WAP WTL6 SL	20	9538110000
WAP WTL6 SL 4-6	20	1238880000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
WS 12/6.5 MC NE WS	540	1609920000

B



Test-disconnect terminal blocks

WTL 6/3



B

Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTL 6/3	1018800000		10
3	SSP WTL	1604200000	1604200000	4
4	WKS 1/2	1604270000	1604270000	3

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

Pos.	Type	Order No.	Order No.	Qty.
5	STB 21.6/IH/DB WTL6/3	1071000000	1071000000	7
6	STB 21.6/IH/GE WTL6/3	1071010000	1071010000	2
7	STB 21.6/IH/GN WTL6/3	1071020000	1071020000	2
8	STB 21.6/IH/VI WTL6/3	1071030000	1071030000	2
9	STB 21.6/IH/BL WTL6/3	1071080000	1071080000	1
10	STB 21.6/IH/SW WTL6/3	1071040000	1071040000	3

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
11	WQV 6/5	1062660000	1062660000	1





WTL 6/3

6 mm²

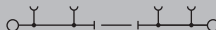
Longitudinal - disconnecter



7.9 x 87 x 64

57 / 10

0.5...10



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC	UL	CSA	EN 60079-7
500	300	300	
41	45	45	
6	AWG 20...8	AWG 20...8	
6 kV / 3			
A5 / V-0			

Clamped conductors

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	-
Stripping length / Blade size	mm/-

Rated connection	
0.5...10 / 10...10	
0.5...10 / 0.5...6	
/ (M 3.5)	
12 / 0.8 x 4.0 mm	

Note

Ordering data

Version	With socket
	without socket

Note

Type	Qty.	Order No.
WTL 6/3/STB	50	1018600000
WTL 6/3	50	1018800000
TS 32 version on request		

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole

End bracket

dark beige

Cross-connection slider

- 2-pole
- 3-pole
- 4-pole

Testing / Checking

- Test plug
- Socket - blue
- Socket - yellow
- Socket - green
- Socket - magenta

Miscellaneous accessories

Lockout device

Marking tags

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
WEW 35/2	50	1061200000
WKS 1/2	41 A 50	1604270000
WKS 1/3	41 A 50	1604290000
WKS 1/4	41 A 50	1604310000
PS 4 F.STB 4	20	0299600000
STB 21.6/IH/BL WTL6/3	50	1071080000
STB 21.6/IH/GE WTL6/3	50	1071010000
STB 21.6/IH/GN WTL6/3	50	1071020000
STB 21.6/IH/VI WTL6/3	50	1071030000
SSP WTL6/2	100	1604200000
DEK 5/8 MC NE WS	800	1856740000
WS 12/8 PLUS MC NE WS	420	1906000000

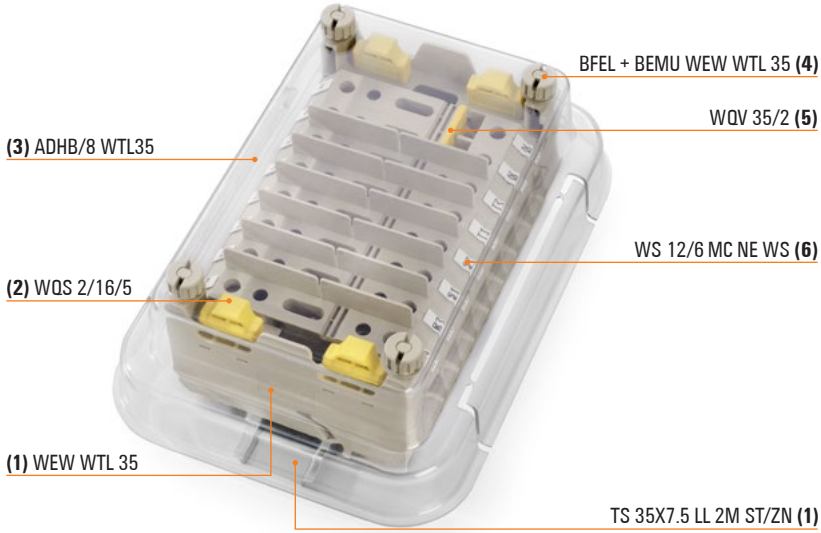
For detailed information on other accessories and application in the online catalogue

For further modular disconnect test terminal accessories, refer to chapter on Accessories.

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 35



B

Ordering data

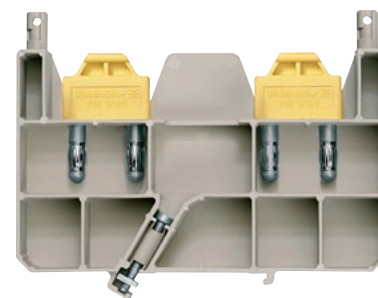
Pos.	Type	Order No.	Qty.
1	WEW WTL 35	1925040000	10
2	WQS 2/16/5	1925070000	10
3	ADHB/8 WTL35	2334730000	25
4	BFEL + BEMU WEW WTL 35	1964820000	20
5	WQV 35/2	1053060000	50
6	WS 12/6 MC NE WS	1609900000	600
7	TS 35X7.5 LL 2M ST/ZN	0514500000	2






WTL 35

35 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

16 x 100 x 67.5
125 / 35
4...35



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	-
Tightening torque Separating screw	Nm
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
500			
125			
35			
	6 kV / 3		
	B9 / V-0		

CEC	
Rated connection	
4...16 / 10...35	
4...35 / 4...35	
/ (M 6)	
1.7...2.4	
18 / 6.5 x 1.2 mm	

Note

Ordering data

Version	
	with 2 sockets
	With socket
	with Socket

Note

Type	Qty.	Order No.
WTL 35/1STB/WQV	10	1925050000
WTL 35/2STB	10	1925030000
WTL 35/1STB	10	1925060000

Accessories

Screwable cross-connection	2-pole
End bracket	
Cover	dark beige
Fastenings	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.	
WQV 35/2	138 A	50	1053060000
WQS 2/16/5	44 A	10	1925070000
WEW WTL 35	10	1925040000	
ADHB/8 WTL35	25	2334730000	
BFEL + BEMU WEW WTL 35	20	1964820000	
SDS 1.2X6.5X150	1	2749390000	
WS 12/6 MC NE WS	600	1609900000	

For detailed information on other accessories and application in the online catalogue

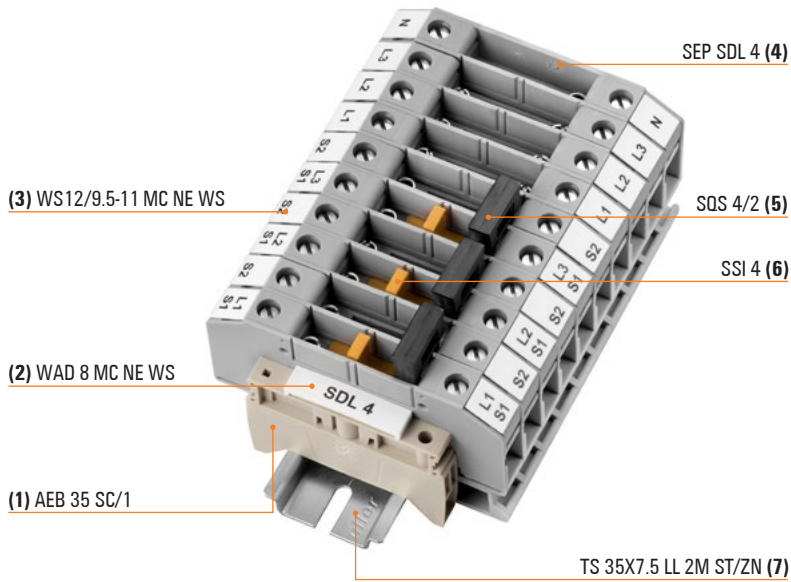


Instrument transformer wiring

Threaded stud connection

Test-disconnect terminal blocks

SDL 4



Ordering data

Pos.	Type	Order No.	Qty.
1	AEB 35 SC/1	1991920000	50
2	WAD 8 MC NE WS	1112940000	48
3	WS 12/9.5-11 MC NE WS	2484220000	300
4	SEP SDL 4	2615020000	50
5	SQS 4/2	2615250000	20
	SQS 4/4	2615260000	10
6	SSI 4	2615270000	50
7	TS 35X7.5 LL 2M ST/ZN	0514500000	2



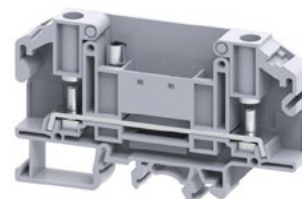
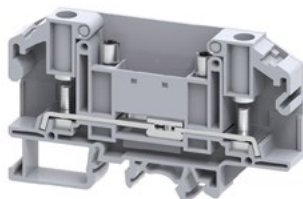


SDL 4

6 mm²

SDL 4 FT

6 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A
Max. clamping range	mm ²

11 x 86 x 51.5	
41 / 6 mm²	
1.5...6	

11 x 86 x 51.5	
41 / 6 mm²	
1.5...6	

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600		
41	35		
6			
8 kV / 3			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600		
41	50		
6	AWG 22...8		
8 kV / 3			

Approvals

Clamped cable lugs

- Cable lug to DIN 46234
- 2 x cable lugs DIN 46 234
- Cable lug to DIN 46235
- 2 x cable lugs DIN 46 235
- Tightening torque

1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.2...1.2 Nm			

1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.2...1.2 Nm			

Note

Ordering data

Version	
	dark beige

Note

Type	Qty.	Order No.
SDL 4	50	2614980000

Type	Qty.	Order No.
SDL 4 FT	50	2614970000

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
2-pole	
4-pole	

Cross-connection permanent	
2-pole	
3-pole	
4-pole	

End plate	
	dark beige

End bracket	
	dark beige, screwable

Screwdriver	
	Standard

Marking tags	
--------------	--

Type	Qty.	Order No.
SRQB 4/2	41 A 100	2615220000
SRQB 4/3	41 A 50	2615230000
SRQB 4/4	41 A 50	2615240000
SQS 4/2	41 A 20	2615250000
SQS 4/4	41 A 10	2615260000
SQB 4/2	41 A 100	2615140000
SQB 4/3	41 A 50	2615150000
SQB 4/4	41 A 50	2615160000
SEP SDL 4	50	2615020000
AEB 35 SC/1	50	1991920000
SDS 1.0X5.5X150	1	2749380000
WS 12/9.5-11 MC NE WS	300	2484220000

Type	Qty.	Order No.
SRQB 4/2	41 A 100	2615220000
SRQB 4/3	41 A 50	2615230000
SRQB 4/4	41 A 50	2615240000
SQS 4/2	41 A 20	2615250000
SQS 4/4	41 A 10	2615260000
SQB 4/2	41 A 100	2615140000
SQB 4/3	41 A 50	2615150000
SQB 4/4	41 A 50	2615160000
SEP SDL 4	50	2615020000
AEB 35 SC/1	50	1991920000
SDS 1.0X5.5X150	1	2749380000
WS 12/9.5-11 MC NE WS	300	2484220000

For detailed information on other accessories and application in the online catalogue



Safe, error-free plant operation

Efficient shielding and earthing with Klippon® Connect



The safety and availability of plants must be guaranteed at all times. Careful planning and installation of safety functions play a particularly important role. For personnel protection, we offer a wide range of PE terminal blocks in different connection technologies. With our wide range of KLBÜ shield connections, you can achieve flexible and self-adjusting shield contacting and ensure error-free plant operation.

Our promise

Klippon® Connect reliably guarantees the protection of personnel and machines and increases plant availability. You can improve your productivity and benefit from more efficient planning and increased safety during installation and operation.

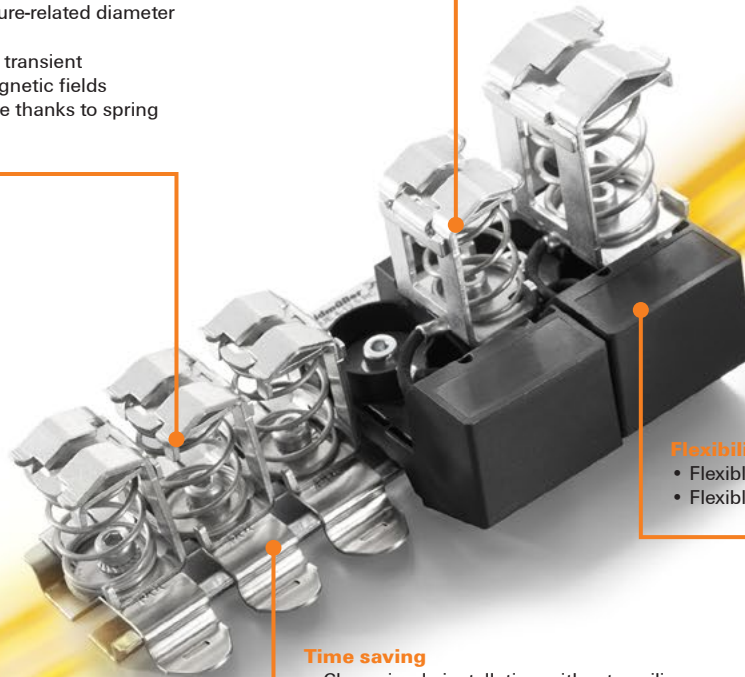


Safety

- The spring system on the shield connection compensates for temperature-related diameter deviation of the cable
- Reliable protection against transient overvoltage and electromagnetic fields
- Consistent contact pressure thanks to spring effect

Space saving

- Complete range for conductor diameters from 2 to 37 mm to meet all space requirements
- Perfect shielding thanks to comprehensive accessories

**Flexibility**

- Flexible mounting options
- Flexible adaptation to cable diameters

Time saving

- Clear, simple installation without auxiliary tools
- The right solution for every installation situation

Our range**Shielding:**

Our complete range of KLBÜ shield connections, KHLA shield clamping saddles, SH 4C shield rail holders and KLBÜ RC shielding brackets allows simple and efficient installation of safe shielding systems.

**Protective earth (PE):**

We offer a wide range of green/yellow terminal blocks in screw connection, tension clamp and PUSH IN designs.

**Potential equalisation:**

Our JB 25-50 and EBB 25-50/16 potential equalisation terminal blocks allow you to achieve reliably integrated potential equalisation, even in extended systems.



Entry: Electromagnetic Compatibility

The term Electromagnetic Compatibility (EMC) describes the ability of electrical equipment to function faultlessly in an electromagnetically-loaded environment, e.g. in an industrial plant, without influencing the environment. The consequences of an inadequate EMC can range from disturbances in normal use to damage or destruction of equipment with the added risks of economic damage and/or personal injury.

Interference sources

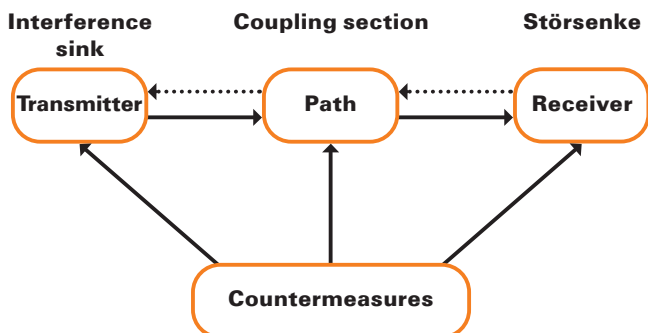
Sources of interference exist in many forms. But the common feature of all interference sources is the emission of electronic or magnetic energy, which influences electrical equipment and prevents fault-free operation. A distinction is made between natural sources of interference such as atmospheric discharge or electrostatic discharge and artificial sources of interference such as radio (intentional) or frequency converters (unintentional).

Interference sinks

Interference sinks encompass electrical equipment that can be influenced by sources of interference. Electromagnetic pulses can cause equipment to be disturbed, damaged or destroyed. Other consequences could be the total failure of a piece of equipment, or a system with economic or material damage, or even personal injury.

Coupling

Coupling is the transmission of electrical energy from one electric circuit to another.



Actions:

Measures to improve electromagnetic compatibility

In order to guarantee EMC, the interference mechanisms must first be known. In addition to natural sources of interference such as lightning, there are also so-called coupling mechanisms. Here is an overview of the different coupling mechanisms as well as some measures for EMC optimisation.

Coupling mechanisms:

Galvanic coupling

Coupling of two circuits via a common current path.

Capacitive (electrical) coupling

Coupling of two circuits via an alternating electric field (mainly in the high-frequency range).

Inductive (magnetic) coupling

Coupling of two circuits via an alternating magnetic field (mainly in the low-frequency range).

Radiation coupling (electromagnetic coupling)

Emission of wave fields with electric and magnetic field strength.

Measures for EMC optimisation:

The most frequently used and sensible countermeasures to improve EMC are the use of twisted or shielded cables.

Use of shielded cables

The task of an electromagnetic screen is to close its internally generated electromagnetic field and prevent it from propagating or to create a space free of external fields..

The interference to be expected determines the shield connection

In order to suppress electric fields, a one-sided grounding of the shield is necessary. To suppress an alternating magnetic field, the shield must be grounded on both sides. However, if the shield is connected on both sides, a ground loop occurs, which in turn has disadvantages. The useful signal is influenced in particular by interference along the reference potential and thus a deterioration occurs. In this case, triaxial cables can help by connecting the inner shield on one side and the outer shield on both sides. A capacitor is often connected to the reference potential on one side to reduce such interference. This interrupts the earth loop for direct currents or low-frequency currents.

Implementation of shielding in practice

With the KLBUE, Weidmueller has developed a versatile product designed to reduce EMV in plants and equipment. to improve machines.



Schematic representation

Different contacting possibilities of the cable screen

Shielding on both sides



To protect against possible interference effects alternating magnetic field is bilateral Hang up unavoidable. This does mean a risk of ground loops forming. However cable shields and steel conduits should be grounded on both sides, despite the risk, as today's EMC regulations require this. In the same way, shields of two-sided signal conductors should be grounded on both sides.

One sided shielding



If shielding is to be used to protect against electrical fields, it is advisable to ground on one side only. Shields of analogue signal conductors should, for example, be connected at one end.

B



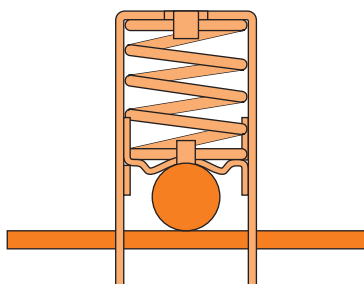
Stripping tool for shielded cables

With the Weidmüller AM 16 stripping tool, it is very easy to disconnect the insulation of a conductor and then apply the shield. The insulation can be cut at any point on the conductor. The insulation of the conductor is first separated over the circumference. Then the tool is pulled lengthwise over the conductor and so the insulation is cut off. Finally, the insulation is cut at the other end over the circumference. The illustration shows the resulting pattern.



Shield connection terminals KLBUE

Cable attached to the busbar from above



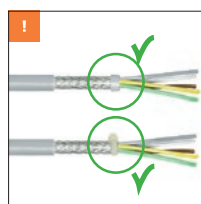
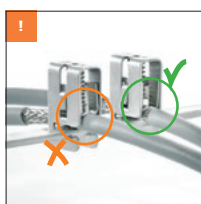
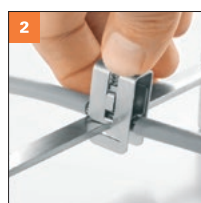
KLBÜ CO 1

KLBÜ CO 2

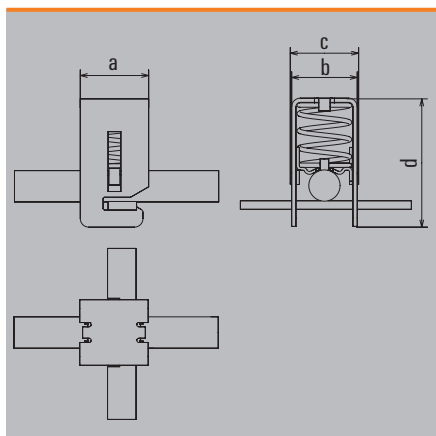
KLBÜ CO 3

KLBÜ CO 4

KLBÜ CO 5



KLBUE CO



Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket				
KLBUE CO 1	3...10 mm	18 / 12 / 13.2 / 32	10	1753311001
KLBUE CO 2	4...15 mm	18 / 20 / 21.1 / 41.6	10	1752131001
KLBUE CO 3	10...20 mm	25 / 23 / 24 / 45	10	1749151001
KLBUE CO 4	15...28 mm	32 / 31 / 25 / 56	10	1749161001
KLBUE CO 5	20...37 mm	35.5 / 40 / 42.7 / 64.5	10	1755081001

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	0348900000

Note

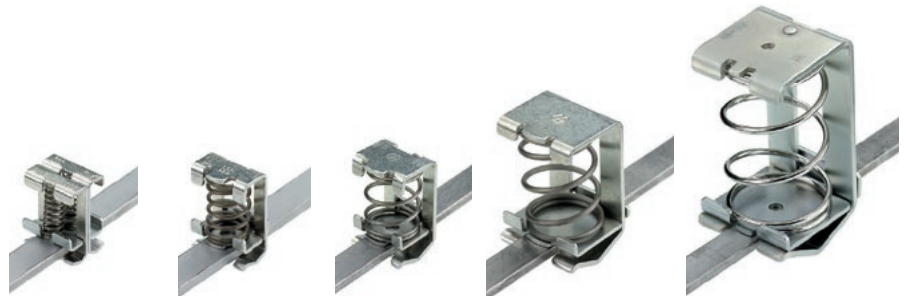
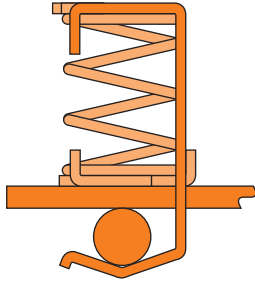


Shielding and earthing
Shield clamping saddle

Application range

Shield connection terminals KLBUE

Cable attached to the busbar from below



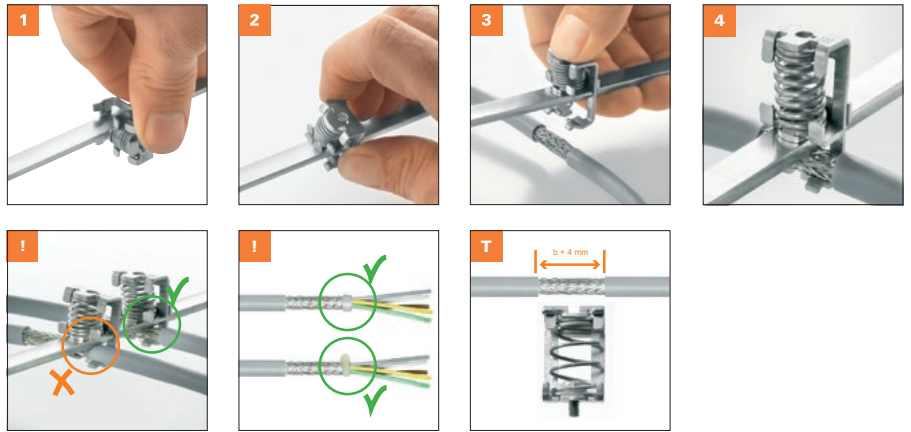
KLBÜ 2 x 2-6

KLBÜ 3-8

KLBÜ 4-13.5

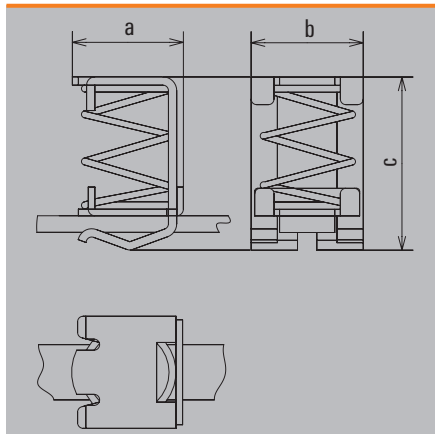
KLBÜ 10-20

KLBÜ 15-32



B

KLBUE



Ordering data

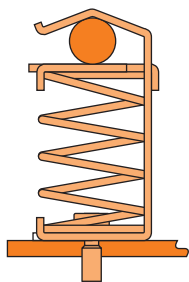
Type	for cable diameters	Dimensions (a x b x c) mm	Qty.	Order No.
Clamping bracket				
KLBUE 2X2-6	2...6 mm	15 / 18 / 24	10	1675350000
KLBUE 3-8	3...8 mm	14.5 / 18.5 / 26	10	1600480000
KLBUE 4-13.5	4...13.5 mm	20.5 / 22 / 31.5	10	1592810000
KLBUE 10-20	10...20 mm	24 / 26 / 40	10	1600490000
KLBUE 15-32	15...32 mm	33.5 / 32 / 64	10	1716300000

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	0348900000

Note

Shield connection terminals KLBUE

Cable attached on the mounting plate from above



SCH-1-WB



KLBÜ 3-8 SC



KLBÜ 4-13,5 SC

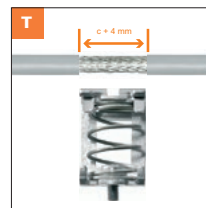
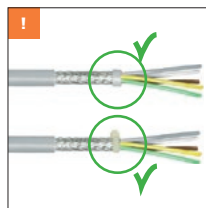
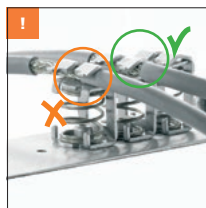
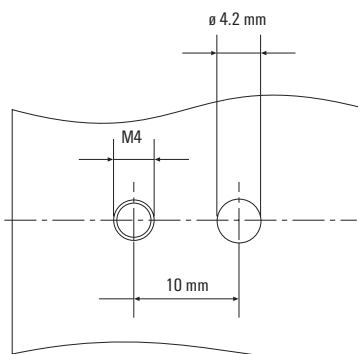


KLBÜ 10-20 SC

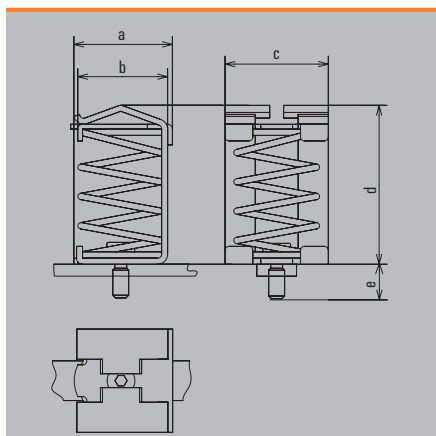


KLBÜ 15-32 SC

Drilling template KLBÜ 15-32 SC



KLBUE SC



Ordering data

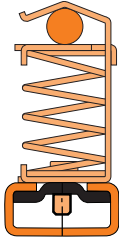
Type	for cable diameters	Length of thread	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket					
KLBUE 3-8 SC	3...8 mm	5.65 mm	14.5 / / 18.5 / 26	10	1692261001
KLBUE 4-13.5 SC	4...13.5 mm	5.3 mm	20.1 / / 22 / 31.45	10	1712311001
KLBUE 10-20 SC	10...20 mm	5.3 mm	23.6 / / 26 / 40	10	1712321001
KLBUE 15-32 SC	15...32 mm	4.8 mm	33.25 / / 32 / 63.9	10	1718341001

Note



Shielding and earthing
Shield clamping saddle

Shield connection terminals KLBUE

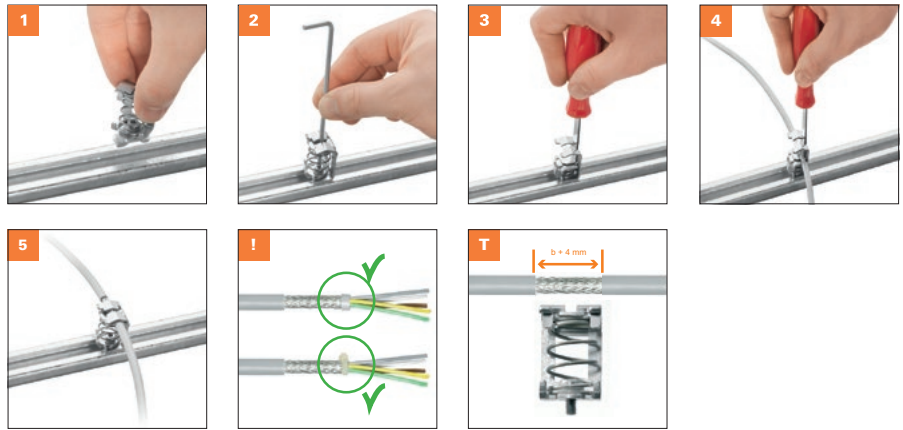


KLBÜ 3-8 CPF

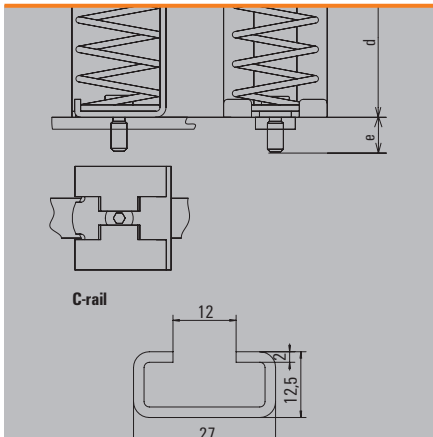
KLBÜ 4-13,5 CPF

KLBÜ 10-20 CPF

KLBÜ 15-32 CPF



KLBUE CPF



Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Type for 12 mm profile				
KLBUE 3-8 CPF	3...8 mm	14.5 / 13.5 / 18 / 26	10	1752681001
KLBUE 4-13.5 CPF	4...13.5 mm	20.5 / 19 / 22 / 31.5	10	1752691001
KLBUE 10-20 CPF	10...20 mm	24 / 22.5 / 26 / 39.5	10	1752701001
KLBUE 15-32 CPF	15...32 mm	33.5 / / 32 / 64	10	1752711001

Note

Clamping bracket holder

FM 4 foot



KLBÜ SC-type clamping brackets
(see previous page)
are screwed on to the FM 4 foot



KLBÜ 4-13.5 FM4

Clamping bracket holder

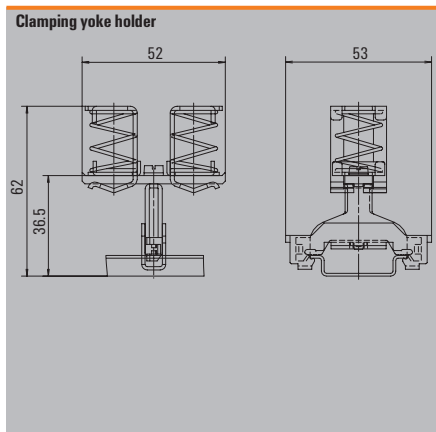


BS 35 II (without KLBÜ)

BS 35 II / KLBÜ 3-8

BS 35 II / KLBÜ 3-8 / 2 x 2-6

Clamping yoke holder



Ordering data

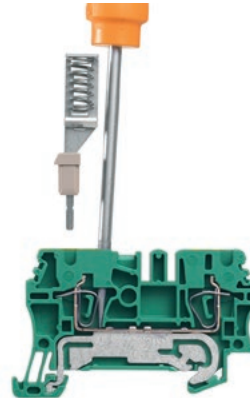
Type	for cable diameters	Qty.	Order No.
Clamping bracket fitted with FM 4 foot			
KLBUE 3-8 FM4	3...8 mm	10	1252530000
KLBUE 4-13.5 FM4	4...13.5 mm	10	1252520000
KLBUE 10-20 FM4	10...20 mm	10	1252510000
KLBUE 15-32 FM4	15...32 mm	10	1252490000
Clamping bracket holder			
BS 35II KLBUE HOLDER		10	1723800000
BS 35II KLBUE3-8	3...8 mm	10	1723810000
BS 35II/KLBUE 4-13.5	4...13.5 mm	10	1723820000
BS 35II KLBUE3-8/2X2-6	3...8 mm	10	1749430000
BS 35II KLBUE2X3-8/2X2-6	3...8 mm	10	1768020000

Note



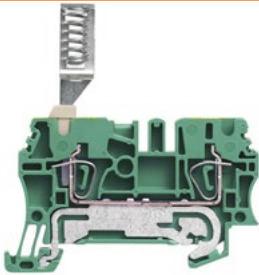
Shielding and earthing Shield clamping saddle

Shielding solutions for direct connection



KLBÜ 4-6 Z/1

B



Ordering data

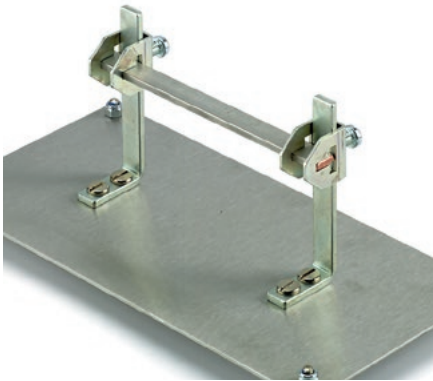
Type	for cable diameters	Qty.	Order No.
Type for 12 mm profile			
KLBUE 4-6 Z/1	4..6	10	2269800000

Note

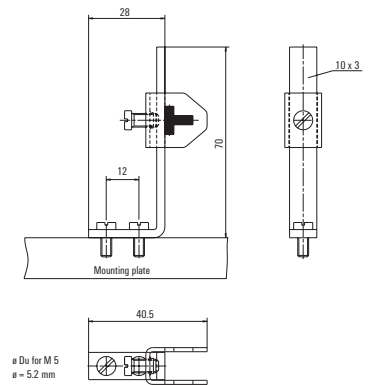
suitable for Z series 2.5 mm²

Rail support / Spacer

Rail support



- Set (WSH 4 MT) comprising:
- 1 busbar angle
 - 1 busbar connector (BFEH 1 / WSH)



Spacer



M6 outer and inner threads
(in 15 mm, 20 mm and 30 mm lengths)



WSH 4 MT / SP

Ordering data

Type	Length	Qty.	Order No.
Busbar support			
WSH 4 MT		10	1079900000
SH 4C		10	1340870000
Spacer			
SP M6 15 MSZN		2	3896100000
SP M6 20 MSZN		2	3896200000
SP M6 30 MSZN		2	3896300000

Note

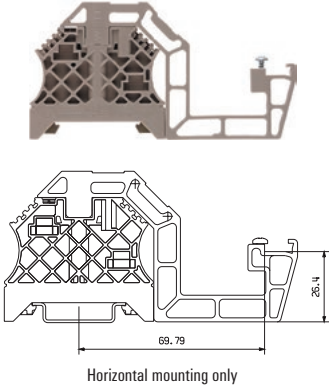


Shielding and earthing
Shield clamping saddle

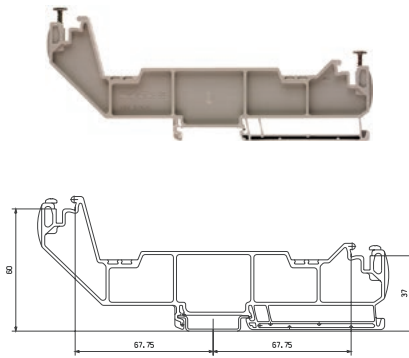
Rail support

Isolated mounting on TS 35

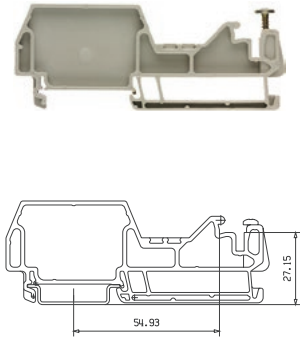
Type WSH 1



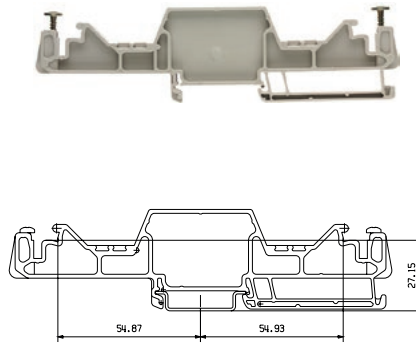
Type WSH 3/H/N



Type WSH 5



Type WSH 6



WSH

Ordering data

Type	Width	Qty.	Order No.
Rail support			
WSH 1	8 mm	10	1068700000
WSH 3/H/N	8 mm	10	1715970000
WSH 5	8 mm	10	1080100000
WSH 6	8 mm	10	1080200000

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	0348900000

Note



Rail support

Conductive mounting on TS 35

TS 35 clip
BS 35/WSH 2

Busbar connector
BFEH 1/WSH

Angled rail
SMSE WSH U1MT



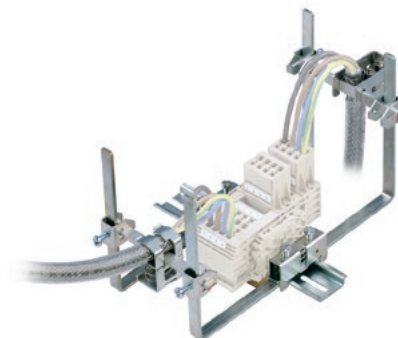
Angled rail
SMSE WSH 135/60 MT

Example assembly 1

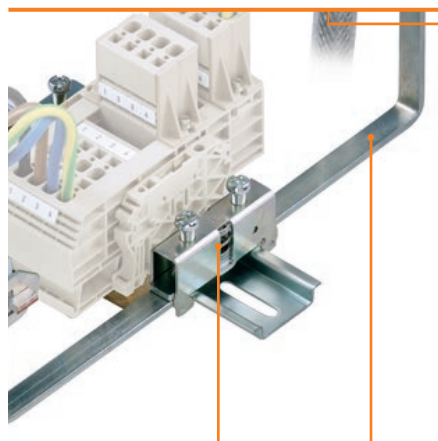
- one busbar
- 2 x WSH 19 MT busbar support set

Example assembly 2

- two busbars
- 2 x WSH 18 MT busbar support sets



WSH



Ordering data

Type	Dimensions (H x W x D) mm	Qty.	Order No.
TS 35 clip			
BS 35/WSH 2	52 / 13 / 37	10	1760720000
Busbar connector			
BFEH 1/WSH	20 / 13.5 / 31	10	1082400000
Angled rail			
SMSE WSH U1 MT	134 / 10 / 134	10	1083900000
SMSE WSH 135/60 MT	123.5 / 10 / 3	10	1246990000
Rail support sets			
WSH 18 MT		10	1083100000
WSH 19 MT	150 / 14.9 / 143.3	10	1083200000

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	0348900000

Note



Discharge of interference currents without different ground levels

Klippon® Connect shielding bracket KLBÜ with filter

If possible, interference currents should be discharged at the near end of the line. However, distant ground levels usually cause unwanted equalizing currents. KLBÜ RC shielding brackets enable the optimal discharge of interference currents without different ground levels, as well as the associated equipotential bonding and the capacitance coating on the cable. The built-in high-pass filter blocks low-frequency currents and at the same time ensures safe noise conduction at the near end.

B

Tested vibration safety

The KLBÜ-RC series has been tested for vibration. It meets the requirements of railroad and wind power plants and can be used in mobile installations.

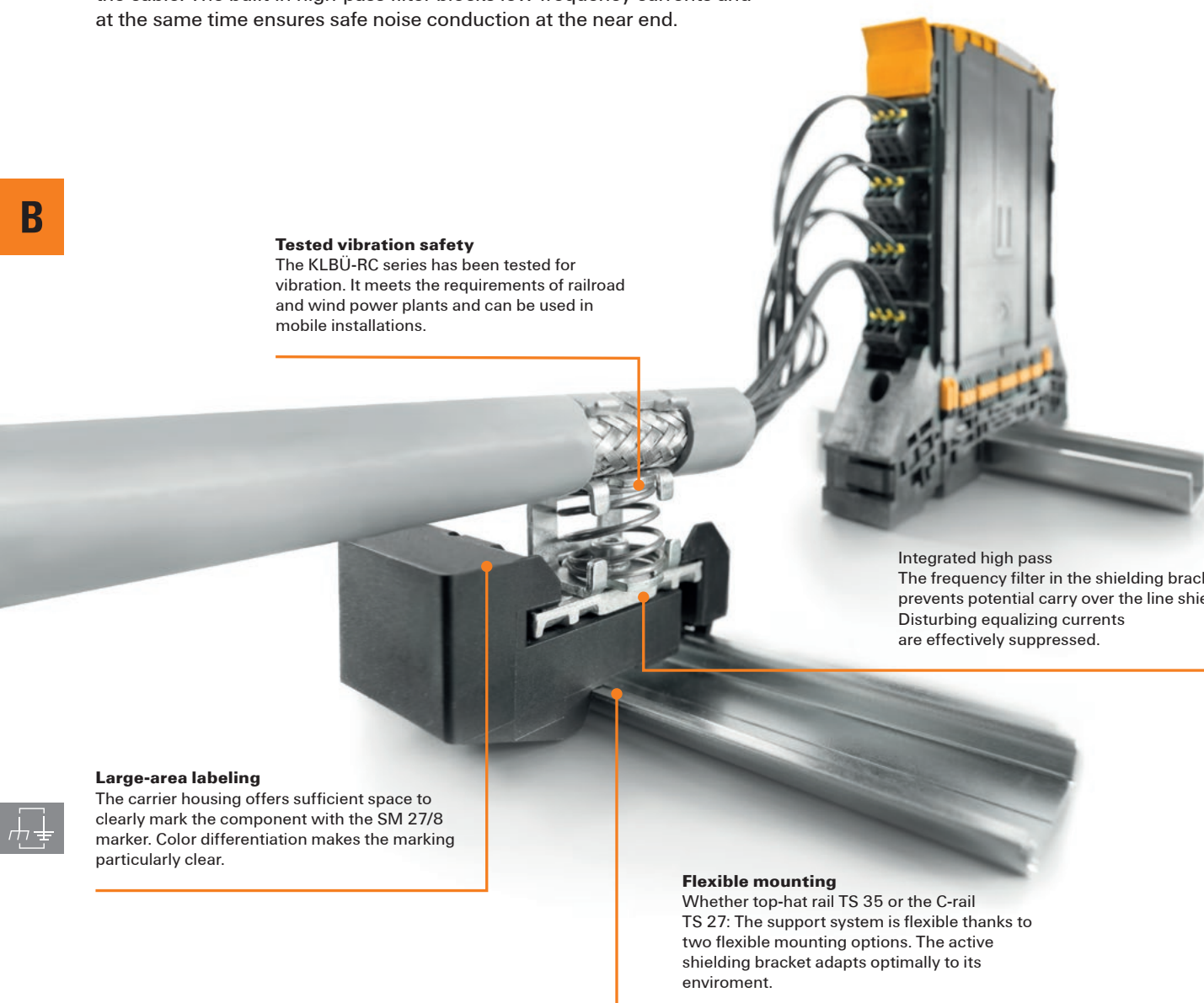
Integrated high pass
The frequency filter in the shielding bracket prevents potential carry over the line shield. Disturbing equalizing currents are effectively suppressed.

Large-area labeling

The carrier housing offers sufficient space to clearly mark the component with the SM 27/8 marker. Color differentiation makes the marking particularly clear.

Flexible mounting

Whether top-hat rail TS 35 or the C-rail TS 27: The support system is flexible thanks to two flexible mounting options. The active shielding bracket adapts optimally to its environment.



KLBU 10-20 RC TS 27

Clamping bracket



KLBU 4-13.5 RC TS 27

Clamping bracket



Width/Height/Depth	mm
--------------------	----

39.6 x 67.5 x 63.6	
--------------------	--

37.5 x 67.5 x 55.6	
--------------------	--

Technical data

Rated data
Rated voltage
Conductors to be clamped:
Cable diameter, min.
Cable diameter, max.
General data
Continuous operating temp., min.
Continuous operating temp., max.
UL 94 flammability rating
Colour
Material
Component 1
Component 2
Installation advice
Note

230 V
10 mm
20 mm
-25
105
V-0
black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting
Note

230 V
4 mm
13.5 mm
-25
105
V-0
black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting
Note

Ordering data

Version	for shield connection with high pass
Note	

Type	Qty.	Order No.
KLBU 10-20 RC TS27	1	1403050000
Note		

Type	Qty.	Order No.
KLBU 4-13.5 RC TS27	1	1403060000
Note		

Accessories

Terminal rail	
Marking tags	
Operating tool	
Screwdriver	Screwdriver PH2 Standard
C-rail	

Type	Qty.	Order No.
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBUE	1	1742630000
SDS 0.6X3.5X100	1	2749340000
TS 27X12.5M/ST/F.ZN	2	1802690000

Type	Qty.	Order No.
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBUE	1	1742630000
SDS 0.6X3.5X100	1	2749340000
TS 27X12.5M/ST/F.ZN	2	1802690000

For detailed information on other accessories and application in the online catalogue



KLBUE 3-8 RC TS 35

Clamping bracket



KLBUE 3-8 RC TS 27

Clamping bracket



Width/Height/Depth	mm
--------------------	----

35 x 67.5 x 50	
----------------	--

35 x 67.5 x 50	
----------------	--

Technical data

Rated data	
Rated voltage	230 V
Conductors to be clamped:	
Cable diameter, min.	3 mm
Cable diameter, max.	8 mm
General data	
Continuous operating temp., min.	-25
Continuous operating temp., max.	105
UL 94 flammability rating	V-0
Colour	black, Silver grey
Material	PA 66 GF 30
Component 1	Resistance 1 MΩ
Component 2	Capacitor 100 nF
Installation advice	Direct mounting
Note	

Rated data	
Rated voltage	230 V
Conductors to be clamped:	
Cable diameter, min.	3 mm
Cable diameter, max.	8 mm
General data	
Continuous operating temp., min.	-25
Continuous operating temp., max.	105
UL 94 flammability rating	V-0
Colour	black, Silver grey
Material	PA 66 GF 30
Component 1	Resistance 1 MΩ
Component 2	Capacitor 100 nF
Installation advice	Direct mounting
Note	

Rated data	
Rated voltage	230 V
Conductors to be clamped:	
Cable diameter, min.	3 mm
Cable diameter, max.	8 mm
General data	
Continuous operating temp., min.	-25
Continuous operating temp., max.	105
UL 94 flammability rating	V-0
Colour	black, Silver grey
Material	PA 66 GF 30
Component 1	Resistance 1 MΩ
Component 2	Capacitor 100 nF
Installation advice	Direct mounting
Note	

Ordering data

Version	for shield connection with high pass
Note	

Type	Qty.	Order No.
KLBUE 3-8 RC TS35	1	1402830000

Type	Qty.	Order No.
KLBUE 3-8 RC TS27	1	1403070000

Accessories

Terminal rail	
Marking tags	
Operating tool	
Screwdriver	Screwdriver PH2 Standard
C-rail	

Type	Qty.	Order No.
TS 35X7.5 2M/ST/ZN	2	0383400000
TS 35X7.5/LL 2M/ST/ZN	2	0514500000
TS 35X15/LL 2M/ST/ZN	2	0236500000
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBUE	1	1742630000
SDS 0.6X3.5X100	1	2749340000
SDS 1.2X6.5X150	1	2749390000

Type	Qty.	Order No.
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBUE	1	1742630000
SDS 0.6X3.5X100	1	2749340000
TS 27X12.5M/ST/F.ZN	2	1802690000

For detailed information on other accessories and application in the online catalogue

KLBUE 10-20 RC TS 35

Clamping bracket



KLBUE 4-13.5 RC TS 35

Clamping bracket



Width/Height/Depth	mm
--------------------	----

39.6 x 67.5 x 63.6	
--------------------	--

37.5 x 67.5 x 55.6	
--------------------	--

Technical data

Rated data	
Rated voltage	230 V
Conductors to be clamped:	
Cable diameter, min.	10 mm
Cable diameter, max.	20 mm
General data	
Continuous operating temp., min.	-25
Continuous operating temp., max.	105
UL 94 flammability rating	V-0
Colour	black, Silver grey
Material	PA 66 GF 30
Component 1	Resistance 1 MΩ
Component 2	Capacitor 100 nF
Installation advice	Direct mounting
Note	

Rated data	
Rated voltage	230 V
Conductors to be clamped:	
Cable diameter, min.	4 mm
Cable diameter, max.	13.5 mm
General data	
Continuous operating temp., min.	-25
Continuous operating temp., max.	105
UL 94 flammability rating	V-0
Colour	black, Silver grey
Material	PA 66 GF 30
Component 1	Resistance 1 MΩ
Component 2	Capacitor 100 nF
Installation advice	Direct mounting
Note	

Rated data	
Rated voltage	230 V
Conductors to be clamped:	
Cable diameter, min.	4 mm
Cable diameter, max.	13.5 mm
General data	
Continuous operating temp., min.	-25
Continuous operating temp., max.	105
UL 94 flammability rating	V-0
Colour	black, Silver grey
Material	PA 66 GF 30
Component 1	Resistance 1 MΩ
Component 2	Capacitor 100 nF
Installation advice	Direct mounting
Note	

Ordering data

Version	for shield connection with high pass
Note	

Type	Qty.	Order No.
KLBUE 10-20 RC TS35	1	1403080000

Type	Qty.	Order No.
KLBUE 4-13.5 RC TS35	1	1403090000

Accessories

Terminal rail	
Marking tags	
Operating tool	
Screwdriver	Screwdriver PH2 Standard
C-rail	

Type	Qty.	Order No.
TS 35X7.5 2M/ST/ZN	2	0383400000
TS 35X7.5/LL 2M/ST/ZN	2	0514500000
TS 35X15/LL 2M/ST/ZN	2	0236500000
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBUE	1	1742630000
SDS 0.6X3.5X100	1	2749340000
SDS 1.2X6.5X150	1	2749390000

Type	Qty.	Order No.
TS 35X7.5 2M/ST/ZN	2	0383400000
TS 35X7.5/LL 2M/ST/ZN	2	0514500000
TS 35X15/LL 2M/ST/ZN	2	0236500000
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBUE	1	1742630000
SDS 0.6X3.5X100	1	2749340000
SDS 1.2X6.5X150	1	2749390000

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue



Equipotential bonding

General principles

Advancements in technology means that, electrical installations in buildings and industrial plants are becoming increasingly extensive and demanding. Furthermore, the application of high-frequency, complex industrial systems grows. In order to guarantee reliability and operational safety, it is necessary to protect machines and systems against overvoltage and electromagnetic coupling. This is achieved by equipotential bonding. The purpose of equipotential bonding is to connect all metallic parts with different potentials to each other so that they have approximately the same potential. In its product portfolio, Weidmüller has developed solutions for equipotential bonding in industrial environments.

B

What is the difference between grounding and Equipotential bonding?

Equipotential bonding

Compensation of different voltages to a uniform level

Grounding

Connection of a point with that of the Earth

functional equipotential bonding

The functional equipotential bonding is used for exclusively functional purposes

protective equipotential bonding

An electrical connection is established between all conductive parts of the system, in order to be connected to the resulting equipotential bonding the human being from an electric shock protect



Innovations in equipotential bonding

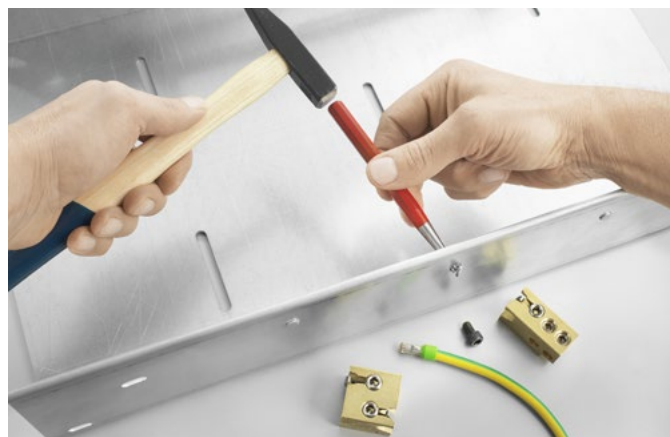
In cooperation with Weidmüller, market-leading floor trunking manufacturers have developed a new solution with pre-prepared cut-outs for equipotential bonding. This includes the addition of punchable holes to simplify wiring.

The new small equipotential bonding terminals FB 16-50 offer an efficient solution for fixing conductors of the equipotential bonding to the cable duct. This is particularly interesting for applications where the conductor must be routed through a cable duct over long distances without stubs.



Benefits:

- Simple wiring due to small space requirement
- More cost-effective wiring of the equipotential bonding system
- Use of several product compensation clamps without additional costs
- Possibility of setting up a close-meshed equipotential bonding system
- Achieving low impedance equipotential bonding



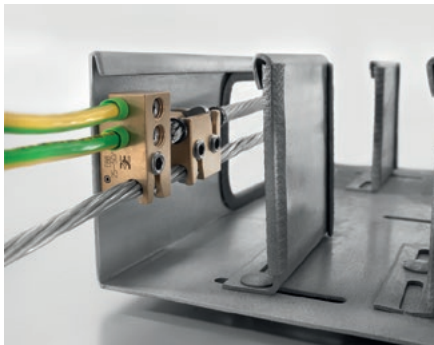
Benefits:

- Easier and more efficient wiring – without drilling
- Punching of holes without special tools
- High flexibility due to small hole spacing of max. 10 cm
- Cleaner working without drilling chips in the floor channel



Shielding and earthing
Potential equalisation terminal block

Potential equalisation terminal block



Low installation height

Additional connection up to 16 mm²

Good visibility of the clamping screws

B

Technical data

Connection direction	on side
Tightening torque, min.	5 Nm
Clamping screw	M 6
Connection cross-section, flexible, min. / max.	10...50 mm ²

Note

Ordering data

Type	Stripping length	Number of connections	Conductor min. / max.	Qty.	Order No.
Screw connection					
JB 25-50	33	2	10...50	10	1547500000
JB 25-50 TH	33	2	10...50	10	2762660000
EBB 25-50/16	20	3	10...50	10	1547490000
EBB 25-50/16 AM	20	3	10...50	10	2756940000
FB 16-50	33	1	16...50	15	2623930000

Type	Description of article	Qty.	Order No.
SK WSD-S 1,5-10,0	Screwing tool	1	9008850000

Note



Practical tip

Functional earth terminal blocks

According to the Machinery Directive 2006/42EG, terminal blocks may be white when used for functional earthing. PE terminals with a protective function for life and limb must still be green-yellow, but can also be used for functional earthing. The symbols used are extended in order to clarify the use as a functional earth.

Weidmüller offers white PE terminals from the "A-, W- and Z series" product family for systems in which this distinction should or must be made. The colour of these terminals clearly indicates that the respective circuits are exclusively to provide functional protection for the connected electronic system.

Symbol for functional earth:



Symbol for protection earth:



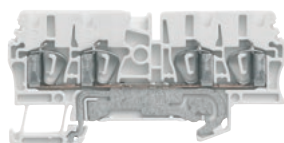
A-Series
with PUSH IN technology



Type	Qty.	Order No.
A2C 2.5 FE WT	50	2690460000
A4C 2.5 FE WT	50	2690470000
A2C 4 FE WT	50	2734150000
A2C 6 FE WT	50	2734160000
A2C 10 FE WT	50	2734170000



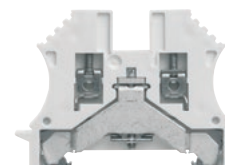
Z-Series
with tension spring technology



Type	Qty.	Order No.
ZPE 2.5/4AN WS	50	1698110000



W-Series
with clamping-yoke technology



Type	Qty.	Order No.
WPE 2.5 WS	100	1010010000

B



Shielding and earthing
Functional earth – PUSH IN connection



A2C 2.5 FE WT

2.5 mm²

A4C 2.5 FE WT

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 55 x 36.5	
/ 4	
0.14...4	

5.1 x 77.5 x 36.5	
/ 4	
0.14...4	

Technical data

Rated data	
Rated voltage	-
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
	600	600	
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
/ 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
	600	600	
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
/ 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...4			
0.5...4 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			

Note

Note

Note

Ordering data

Version	white
Note	

Type	Qty.	Order No.
A2C 2.5 FE WT	50	2690460000

Type	Qty.	Order No.
A4C 2.5 FE WT	50	2690470000

Accessories

End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
AEP 2C 2.5	50	1514400000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
AEP 2C 2.5	50	1514400000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

A2C 4 FE WT

4 mm²



6.1 x 60 x 39.5
/ 6
0.14...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
			550
			28
4			4 mm ²
	8 kV / 3		
	A4 / V-0		

CE KEUR UK PA

Rated connection

0.5...4 / 0.5...6

0.5...6 / 0.5...4

0.5...1.5

12 / 0.6 x 3.5 mm

A2C 6 FE WT

6 mm²



8.1 x 66.5 x 45.5
/ 10
0.34...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
			550
			37
6			6 mm ²
	8 kV / 3		
	A5 / V-0		

CE KEUR UK PA

Rated connection

0.5...6 / 0.5...6

0.5...10 / 0.5...6

0.5...1.5

12 / 0.6 x 3.5 mm

A2C 10 FE WT

10 mm²



10 x 80.5 x 51.5
/ 16
0.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
			550
			52
10			10 m ²
	/ 3		
	A6 / V-0		

CE KEUR UK PA

Rated connection

0.5...10 / 0.5...16

0.5...16 / 0.5...10

0.5...4

18 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 4 FE WT	50	2734150000

Type	Qty.	Order No.
A2C 6 FE WT	50	2734160000

Type	Qty.	Order No.
A2C 10 FE WT	25	2734170000

Type	Qty.	Order No.	
AEP 2C 4	50	2051680000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MHR	0.2 A	50	1991860000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
WS 10/6 M PLUS MC NE WS	600	2003780000	
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
DEK 5/6 PLUS MC NE WS	1000	1011320000	

Type	Qty.	Order No.	
AEP 2C 6	50	1991970000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 6 MHR	0.2 A	50	1991930000
PS 2.0 MC	20	0310000000	
SDIL 1,0X5,5X125	1	2749160000	
DEK-A 5/8 MM WS	500	2448860000	
WS-A 8/8 MM WS	500	2448930000	
DEK 5/8 PLUS MC NE WS	800	1046350000	
WS 10/8 PLUS MC NE WS	420	1905950000	

Type	Qty.	Order No.	
AEP 2C 10/16	20	2490380000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDIL 1,0X5,5X125	1	2749160000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
DEK 5/8 PLUS MC NE WS	800	1046350000	
WS 10/8 PLUS MC NE WS	420	1905950000	



Shielding and earthing
Functional earth – Tension clamp connection

ZPE 2.5/4AN WS

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 79.5 x 38.5
/ 4
0.05...4

Technical data

Rated data	
Rated voltage	-
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
2.5			
	/ 3		
	A3 / V-0		
CE UK CA			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

B

Ordering data

Version	white
Note	

Type	Qty.	Order No.
ZPE 2.5/4AN WS	50	1698110000
Note		

Accessories

End bracket	dark beige
Test adapter	With spigot
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	
Screwdriver	Standard

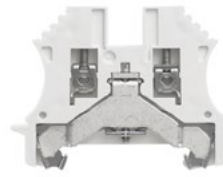
Type	Qty.	Order No.
ZEW 35	20	9540000000
ZTA 1/ZA	9 A 25	1609050000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/VO	1000	1614290000
BZT 1 WS 10/5	100	1805490000
BZT 1 ZA WS 10/5	100	1805520000
SDIS SLIM 0.6X3.5X100	1	2749610000
Note		

For detailed information on other accessories and application in the online catalogue




WPE 2.5 WS

2.5 mm²




Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 60 x 46.5
/ 4
0.05...4



Technical data

Rated data	
Rated voltage	-
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
2.5			
	/ 3		
	A3 / V-0		
			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	white
Note	

Type	Qty.	Order No.
WPE 2.5 WS	50	1010010000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Screwdriver PH2
Marking tags	

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue



Shielding and earthing
Functional earth – PUSH IN connection

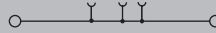


AL2C 2.5 FE

2.5 mm²

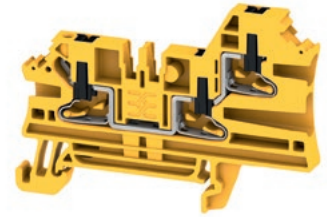


5.1 x 57 x 36.5
24 / 2.5
0.14...2.5

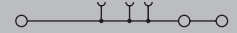


AL3C 2.5 FE

2.5 mm²



5.1 x 68 x 48
24 / 2.5
0.14...2.5



Width/Height/Depth mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	yellow/black
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			



Rated connection	
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.5...0.75	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
AL2C 2.5 FE	50	2847320000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2C 2.5	20	2871750000
ALEP 2C 2.5 BL	20	2871760000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			



Rated connection	
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.5...0.75	
10 / 0.6 x 3.5 mm	

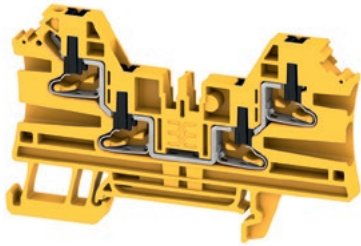
Type	Qty.	Order No.
AL3C 2.5 FE	50	2847450000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 3C 2.5	20	2871770000
ALEP 3C 2.5 BL	20	2871780000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

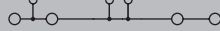


AL4C 2.5 FE

2.5 mm²



5.1 x 79.5 x 48
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3 A3 / V-0			



Rated connection
0.5...4 / 0.5...2.5
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL4C 2.5 FE	50	2847580000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

ALEP 4C 2.5	20	2871790000
ALEP 4C 2.5 BL	20	2871800000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

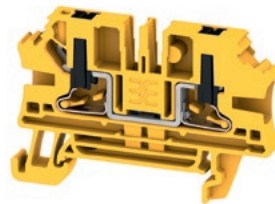
PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

AL2C 4 FE

4 mm²



6.1 x 60 x 39.5
32 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4	AWG 24...10		
8 kV / 3 A4 / V-0			



Rated connection
0.5...6 / 0.5...4
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2C 4 FE	50	2871980000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

ALEP 2C 4	20	2871810000
ALEP 2C 4 BL	20	2871820000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000

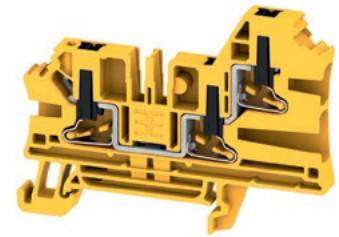
PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

AL3C 4 FE

4 mm²



6.1 x 71.5 x 52.5
32 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4	AWG 24...10		
8 kV / 3 A4 / V-0			



Rated connection
0.5...6 / 0.5...4
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL3C 4 FE	50	2872100000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

ALEP 3C 4	20	2871830000
ALEP 3C 4 BL	20	2871840000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000

PS 2.0 MC	20	0310000000
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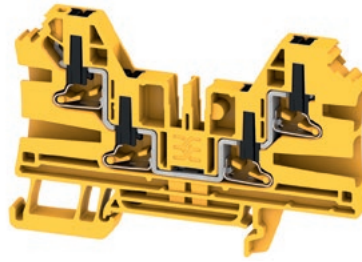
SDIL 0,6X3,5X100	1	2749140000
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WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Shielding and earthing
Functional earth – PUSH IN connection

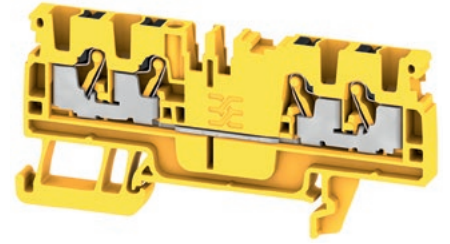
AL4C 4 FE

4 mm²



A4C 2.5 FE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 83 x 52.5	
32 / 6	
0.14...6	

5.1 x 77.5 x 36.5	
24 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4	AWG 24...10		
		8 kV / 3	
		A4 / V-0	

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			550
24			21
2.5			2.5 mm ²
		8 kV / 3	
		A3 / V-0	

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Note

Note

Ordering data

Version	yellow/black
Note	

Type	Qty.	Order No.
AL4C 4 FE	50	2872220000

Type	Qty.	Order No.
A4C 2.5 FE	100	2904720000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	3-pole
	4-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP 4C 4	20	2871850000
ALEP 4C 4 BL	20	2871860000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5	50	1521530000
AEP 4C 2.5 BL	50	1521640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

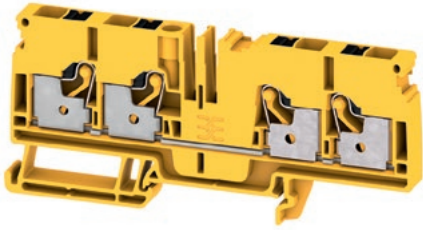
For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

A4C 6 FE

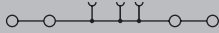
6 mm²



8.1 x 102 x 45.5

41 / 10

0.34...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		550
41	38		37
6	AWG 22...8		6 mm ²
8 kV / 3			
A5 / V-0			



Rated connection

0.5...6 / 0.5...6

0.5...10 / 0.5...6

0.5...1.5

12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A4C 6 FE	50	2881480000

Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1985740000
ZQV 6N/3	41 A 60	1985760000
ZQV 6N/4	41 A 60	1985780000
AEP 4C 6	50	2876180000
AEP 4C 6 BL	50	2876190000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0x5,5x125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000



Shielding and earthing
Functional earth – PUSH IN connection

A2C 35 FE

35 mm²



A2C 35 DM

35 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16 x 101.5 x 71.5
125 / 35
2.5...35

16 x 135 x 71.5
125 / 35
2.5...35

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125			105
35	AWG 12...2	AWG 12...2	35 mm ²
8 kV / 3			
/ V-0			

CE, c, RU, US, UK, CA

Rated connection	
2.5...16 / 10...35	
10...35 / 2.5...35	
2.5...10	
25 / 1.0 x 5.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125			105
35	AWG 12...2	AWG 12...2	35 mm ²
8 kV / 3			
/ V-0			

CE, c, RU, US, UK, CA

Rated connection	
2.5...16 / 10...35	
10...35 / 2.5...35	
2.5...10	
25 / 1.0 x 5.5 mm	

Note

Note

Note

Ordering data

Version	
	yellow/black
Note	

Type	Qty.	Order No.
A2C 35 FE	10	2551530000

Type	Qty.	Order No.
A2C 35 FE DM	10	2552160000

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

For detailed information on other accessories and application in the online catalogue

For detailed information on other accessories and application in the online catalogue

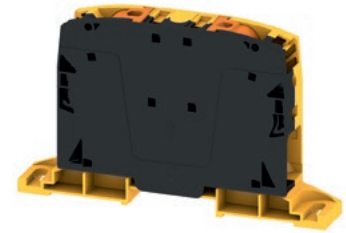
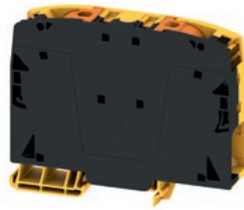
For detailed information on other accessories and application in the online catalogue

A2C 50/70 FE

50 mm²

A2C 50/70 FE-DM

50 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

20 x 101.5 x 80.5	
150 / 70	
10...70	

20 x 134 x 80.5	
150 / 70	
10...70	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	1100
150			128
50	AWG 8...0	AWG 8...NaN	70 mm ²
8 kV / 3			
/ V-0			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	1100
150			128
50	AWG 8...0	AWG 8...NaN	70 mm ²
8 kV / 3			
/ V-0			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	yellow/black
Note	

Type	Qty.	Order No.
A2C 50/70 FE	5	2663270000

Type	Qty.	Order No.
A2C 50/70 FE-DM	5	2663350000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	4-pole
End bracket	
	dark beige, direct mounting
	dark beige, screwable
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	
Cross connections insertable	
	2-pole
	3-pole
Warning labels	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
AEB 35 SCL/1 V0	20	2661280000
AEB 35 SC/1	50	1991920000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
WS-A 8/16 MM WS	200	2619910000
ZQV 50/70N/2	150 A 10	2663400000
AAM 35-185 YE FLASH	40	2635600000

Type	Qty.	Order No.
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
WS-A 8/16 MM WS	200	2619910000
ZQV 50/70N/2	150 A 10	2663400000
AAM 35-185 YE FLASH	40	2635600000



Shielding and earthing
Functional earth – PUSH IN connection

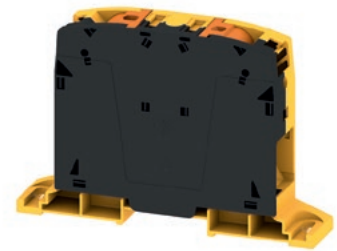
A2C 95/120 FE

95 mm²



A2C 95/120 FE-DM

95 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

25 x 101.5 x 90
232 / 120
25...120

25 x 133.5 x 90
232 / 120
25...120

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			1100
232			211
95	AWG 4...0	AWG 4...0	120 mm ²
8 kV / 3 / V-0			
Rated connection			
25...120 / 25...120			
25...120 / 25...95			
40 / 1.0 x 5.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			1100
232			211
95	AWG 4...0	AWG 4...0	120 mm ²
8 kV / 3 / V-0			
Rated connection			
25...120 / 25...120			
25...120 / 25...95			
40 / 1.0 x 5.5 mm			

Note

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	yellow/black
Note	

Type	Qty.	Order No.
A2C 95/120 FE	5	2694080000

Type	Qty.	Order No.
A2C 95/120 FE-DM	5	2694170000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	4-pole
End bracket	
	dark beige, direct mounting
	dark beige, screwable
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	
Cross connections insertable	
	2-pole
	3-pole
Warning labels	

Type	Qty.	Order No.
AEB 35 SCL/1 V0	20	2661280000
AEB 35 SC/1	50	1991920000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
WS-A 8/16 MM WS	200	2619910000
ZQV 95/120N/2	192 A 10	2694250000
ZQV 95/120N/3	192 A 10	2694260000
AAM 35-185 YE FLASH	40	2635600000

Type	Qty.	Order No.
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
WS-A 8/16 MM WS	200	2619910000
ZQV 95/120N/2	192 A 10	2694250000
ZQV 95/120N/3	192 A 10	2694260000
AAM 35-185 YE FLASH	40	2635600000

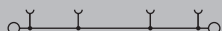
For detailed information on other accessories and application in the online catalogue

A2C 150/185 FE

150 mm²



31 x 118 x 98
309 / 185
50...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
309	310		
150	AWG 2...350		
8 kV / 3			
B13 / V-0			



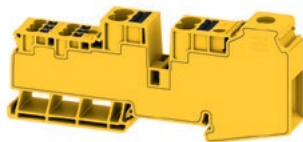
Rated connection

50...150 / 50...185
50...185 / 50...150

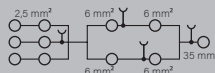
40 / 1.0 x 5.5 mm

AWPD 35 4X6/6X2.5 FE

35 mm²



16.2 x 125 x 50
110 / 35
1.5...35



IEC 60947-7-1

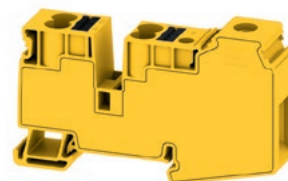
IEC	UL	CSA	EN 60079-7
1000			
110			
35			
8 kV / 3			
B9 / V-0			

Rated connection

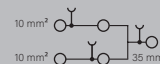
1.5...35
1.5...35 35
1.5...6
17 / 1 x 5.5

AWPD 35 4X10 FE

35 mm²



16.2 x 95 x 60
110 / 35
1.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
110			
35			
8 kV / 3			
B9 / V-0			

Rated connection

1.5...35
1.5...35 35
1.5...6
17 / 1 x 5.5

Type	Qty.	Order No.
A2C 150/185 FE	5	2728720000

Type	Qty.	Order No.
AWPD 35 4X6/6X2.5 FE	20	2924980000

Type	Qty.	Order No.
AWPD 35 4X10 FE	20	2924990000

Type	Qty.	Order No.
AEB 35 SCL/1 V0	20	2661280000
AEB 35 SC/1	50	1991920000
ATPG 1.5-10 L	0.2 A	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
WS-A 8/16 MM WS	200	2619910000
ZQV 150/185N/2	232 A	5
ZQV 150/185N/3	232 A	5
AAM 35-185 YE FLASH	40	2635600000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60
ZQV 1.5N/10	17.5 A	20
ZQV 2.5N/2	24 A	60
ZQV 2.5N/10	24 A	20
ZQV 4N/2	32 A	60
ZQV 4N/10	32 A	20
ZQV 6N/2	41 A	60
ZQV 6N/4	41 A	60
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A	50
PS 2.0 MC	20	0310000000
SDIS 0.6X3.5X100	1	2749810000
SDIS 1.0X5.5X125	1	2749850000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60
ZQV 1.5N/10	17.5 A	20
ZQV 2.5N/2	24 A	60
ZQV 2.5N/10	24 A	20
ZQV 4N/2	32 A	60
ZQV 4N/10	32 A	20
ZQV 6N/2	41 A	60
ZQV 6N/4	41 A	60
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A	50
PS 2.0 MC	20	0310000000
SDIS 0.6X3.5X100	1	2749810000
SDIS 1.0X5.5X125	1	2749850000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000



Shielding and earthing
Functional earth – Screw connection

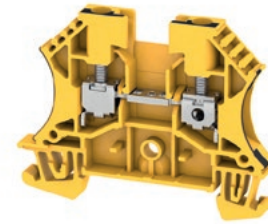
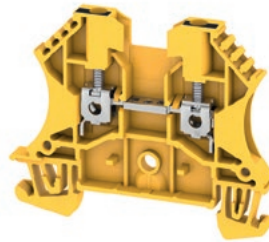


WDU 2.5

2.5 mm²

WDU 4

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 60 x 46.5
32 / 4
0.05...4

6.1 x 60 x 46.5
41 / 6
0.13...6

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800			690
32			32
2.5			4 mm ²
8 kV / 3			
A3 / V-0			
Rated connection		Further connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.4...0.8 / (M 2.5)			
10 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			

IEC 60947-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800			690
32			32
4			4 mm ²
8 kV / 3			
A4 / V-0			
Rated connection		Further connection	
0.5...6 / 1.5...6			
0.5...6 / 0.5...4			
0.5...1 / (M 3)			
10 / 0.6 x 3.5 mm			
0.5...1.5 / 0.5...1.5			

Ordering data

Version	yellow/black
Note	

Type	Qty.	Order No.
WDU 2.5 GE/SW	100	2429520000

Type	Qty.	Order No.
WDU 4 GE/SW	100	1020190000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
Cover	
	Blank, yellow
	Blank, white
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV		
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP		
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW		
WEW 35/2	50	1061200000
WTA		
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD		
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000
DEK		
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

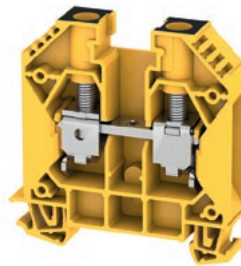
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV		
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP		
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW		
WEW 35/2	50	1061200000
WTA		
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD		
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000
DEK		
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue



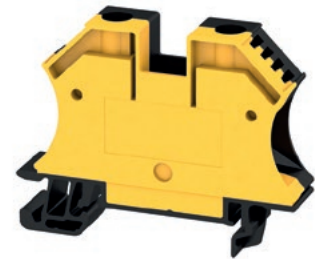
WDU 16

16 mm²



WDU 16N

16 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 62.5	
101 / 25	
0.82...25	

12 x 60 x 46.5	
101 / 25	
1.5...25	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000		690	
76		76	
16		16 mm ²	
8 kV / 3			
B7 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
1.5...16 / 1.5...25			
1.5...25 / 1.5...16			
3...4 / (M 5)			
16 / 1.0 x 5.5 mm			
1.5...6 / 1.5...6			
1.5...6 / 1.5...6			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	600		
76	70		
16	AWG 14...6		
8 kV / 3			
B7 / V-0			
Rated connection		Further connection	
1.5...16 / 1.5...25			
1.5...16 / 1.5...16			
1.2...2.4 / (M 4)			
12 / 1.0 x 5.5 mm			

Ordering data

Version	yellow/black
Note	

Type	Qty.	Order No.
WDU 16 GE/SW	50	2000040000

Type	Qty.	Order No.
WDU 16N GE/SW	50	2000050000

Accessories

Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
End plate / Partition plate	
dark beige	
Blue	
End bracket	
dark beige, screwable	
dark beige	
Cover	
black/yellow	
white	
With lightning flash symbol	
Additional connection	
4mm ²	
10 mm ²	
Marking tags	
Testing / Checking	
Standard	

Type	Qty.	Order No.
WQV 16/2	101 A 50	1053260000
WQV 16/10	101 A 10	1053360000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WQV 16N/2	76 A 50	1636560000
WQV 16N/4	76 A 50	1636580000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/12 MC NE WS	300	1905970000
WTA 2 WDU2.5-10	6 A 25	1632320000

For detailed information on other accessories and application in the online catalogue

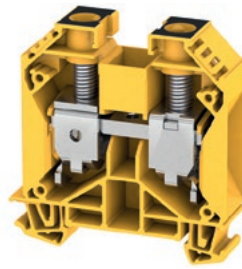


Shielding and earthing
Functional earth – Screw connection



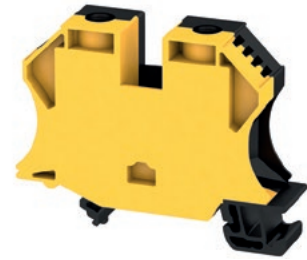
WDU 35

35 mm²



WDU 35N

35 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16 x 60 x 62.5	
150 / 50	
2.5...50	

16 x 66 x 50.5	
150 / 50	
2.5...50	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
1000		690	
125		115	
35		35 mm ²	
8 kV / 3			
B8, B9 / V-0			
		DEMKO14ATEX1338U	
Rated connection		Further connection	
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
4...5 / (M 6)			
18 / 6.5 x 1.2 mm			
Note			

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
500		352	
125		110	
35		35 mm ²	
6 kV / 3			
B8, B9 / V-0			
		DEMKO14ATEX1338U	
Rated connection		Further connection	
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
4...5 / (M 6)			
18 / 6.5 x 1.2 mm			
Note			

Ordering data

Version	yellow/black
Note	

Type	Qty.	Order No.
WDU 35 GE/SW	40	2000060000
Note		

Type	Qty.	Order No.
WDU 35N GE/SW	20	2000090000
Note		

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige
Cover	
	black/yellow
	white
	With lightning flash symbol
Additional connection	
	4mm ²
	10 mm ²
Marking tags	
Testing / Checking	
	Standard

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 MC B GE/SW	32	2445090000
WAD 12 MC NE WS	32	2445070000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
Note		

Type	Qty.	Order No.
WQV 35N/2	125 A 20	1079200000
WQV 35N/4	125 A 20	1079400000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 16N GE BED	50	1083600000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
Note		

For detailed information on other accessories and application in the online catalogue

WDU 50N

50 mm²



18.5 x 70 x 69.6

192 / 70

10...70



IEC 60947-7-1 Ex eb II C Gb  II 2 G D

IEC	UL	CSA	EN 60079-7
1000			690
150			126
50			50 mm ²

8 kV / 3

B10 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
6...16 / 6...70	
10...50	
3.5...6 / (M 6)	
24 / S4 (DIN 6911)	

Type	Qty.	Order No.
WDU 50N GE/SW	10	2000080000

Type	Qty.	Order No.
WQV 50N/2	150 A 5	1834060000
WQV 50N/3	150 A 5	1834070000
WQV 50N/4	150 A 5	1834080000

WEW 35/1	50	1059000000
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WAD 20 GE WSD	10	9512260000
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WZAD 50N	41 A 5	1872720000
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DEK 5/5 MC NE WS	1000	1609801044
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WS 12/6.5 MC NE WS	540	1609920000
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Shielding and earthing
Functional earth – Screw connection



WDU 70N/35

70 mm²



WDU 95N/120N

120 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

20.5 x 75 x 85	
232 / 95	
16...95	

27 x 91 x 90	
290 / 150	
16...150	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600		690
192	150		184
70	AWG 6...0		70 mm ²
8 kV / 3			
B11 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
22 / S6 (DIN 6911)	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000			880
269			221
120			120 mm ²
8 kV / 3			
B13 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...150	
16...120	
12...20 / (M 10)	
27 / S6 (DIN 6911)	

Ordering data

Version	
	yellow/black
Note	

Type	Qty.	Order No.
WDU 70N/35 GE/SW	10	2000100000

Type	Qty.	Order No.
WDU 95N/120N GE/SW	5	2000110000

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige, screwable
Cover	
	With lightning flash symbol
Additional connection	
	10 mm ²
Marking tags	

Type	Qty.	Order No.
WQV 70N/2	192 A 5	9512240000
WQV 70N/3	192 A 5	9512250000
WQV 70N/4	192 A 5	9531290000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 70N	41 A 5	1964830000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WQV 95N/120N/2	269 A 5	1826890000
WQV 95N/120N/3	269 A 5	1826900000
WQV 95N/120N/4	269 A 5	1826910000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 95N/120N	41 A 5	1859580000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue



Shielding and earthing
Earth conductor disconnect terminals – Tension clamp connection

ZTR 6-2 E

6 mm²

Operation mode



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16.2 x 70 x 50	
20 / 10	
0.05...10	

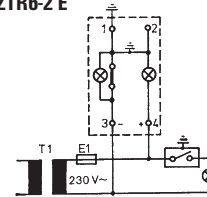
Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
230	300		
20	25		
6	AWG 22...8		
8 kV / 3			
A5 / V-0			
CE UK usCA			
Rated connection			
0.5...10 / 0.5...6			
0.5...6 / 0.5...6			
12 / 0.6 x 3.5 mm			
Note			

Operating mode

ZTR6-2 E

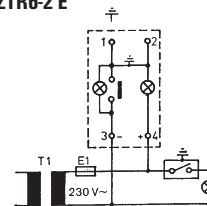


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than U_{Nom} , the earth connection must first be disconnected.

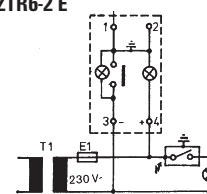
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom} , the earth connection must be disconnected.

Operational malfunction

ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

For detailed information on other accessories and application in the online catalogue

WTR 35 E

35 mm²

Operation mode



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

32 x 100 x 67.5	
125 / 35	
4...35	

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current for wire cross-section	A / mm ²
Rated impulse withstand voltage / Pollution severity Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
125			
35			
		0.8 kV / 3	
		B9 / V-0	
CE UK CA			
Rated connection			
4...16 / 10...35			
4...35 / 4...35			
4/ (M 6)			
18 / 1.2 x 6.5 mm			

Note

Ordering data

Version	dark beige, 24 V DC
Note	

Type	Qty.	Order No.
WTR 35 E	5	1045970000

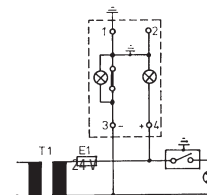
Accessories

End bracket	dark beige, screwable
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

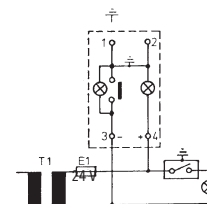
Operating mode



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

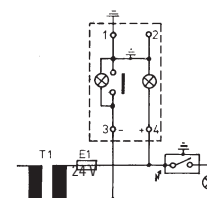
Test position

When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must be disconnected.

Operational malfunction



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

B





Installation

Installation	Mounting accessories	C.2
	Assembly instructions	C.24
	Standards and industries	C.30
	Materials	C.38

Installation in conformity with standards

With precisely matched accessories

When mounting terminal blocks and assembling panels, you must always be able to rely on accessories fitting perfectly. Only then do the processes run smoothly and therefore productively. The requirements placed on terminal rails, busbars, as well as cover plates and support brackets, are correspondingly high. They have to comply with numerous standards and safety regulations.

Our promise

Our components are aligned to each other right down to the finest detail and hence make installation easier for you.

Information and ordering data for mounting accessories is available to you in our online catalogue.

Terminal rails

Terminal and top-hat rails for component mounting and end brackets are important for holding and insulating the components. Depending on the application area, we offer terminal rails made of steel, stainless steel, aluminium, copper or plastic.

Stainless steel

Stainless steel is a collective term for all types of steel (alloys) with a high degree of purity and corrosion resistance.

Aluminium

Aluminium has the second best electrical conductivity after copper. One advantage is low weight, another is outstanding corrosion protection.

Copper

Copper has the best electrical conductivity of all metals used. The copper rail has the highest short-circuit protection.

Plastic

Plastic terminal rails have insulating properties and are very light. They can be used where clearance and creepage distances to the support bracket cannot be achieved with standard terminal rails.

Steel

Steel terminal rails are the most widespread on the market. Among metal terminal rails, they have the lowest short-circuit protection, similar to stainless steel.

Use as PE conductors or PEN busbars

Under certain circumstances, you can also use terminal rails as bus bars for protective conductors (PE conductors) or PEN conductors. The Weidmüller PE terminal blocks with spring and screw connections fulfil the requirements for PE conductors defined in IEC 60947-7-2. According to VDE 0100 Part 540, protective earth conductors and neutral conductors with wire cross-sections above 10 mm² may be combined to form a conductor abbreviated as PEN.

Our installation tip

If a terminal rail is used as a PEN busbar, the following criteria have to be observed:

- Only profiles made of E-Cu or aluminium are permissible
- Short-circuit currents and thermal rated currents
- Insulate terminal rails with the "protective insulation" protective measure



Busbars

In the case of switchgear and control systems it, may be necessary to bring the neutral and PE conductor together on busbars. They offer the possibility of connecting a large number of conductors (on 1 m rails up to 70 conductors) with a low space requirement – either via a pressure piece or a clamping yoke. The SH rail support (which can also be arranged between the clamping yokes for longer bar) serves for fixing purposes. If the clamping yoke is used as protective earth connection, we can optionally supply it with green-yellow or as neutral conductor with blue insulation cap.

Cover profiles and support brackets

Several safety regulations, such as the accident prevention regulation “Electrical Installations and Equipment” (VBG 4) and VDE 0140-1 „Protection against electric shock”, require from you that active parts of electrical equipment are protected against direct touching. Our cover profiles with associated support brackets may be used for the most common terminal sizes. The support brackets can be arranged at the end or along the the terminal strip. They can be fastened to TS 32, TS 35 or TS 15 terminal rails.

Our installation tip

- In order to combine neutral or protective earth conductors at a central point, the ZB clamping yoke can be used together advantageously with the 10 × 3 or 6 × 6 busbars
- The ZBE 6 can be retroactively swivelled on to the busbars

Our installation tip

- Linear intervals of the support brackets: the linear measure of the ADP 1, 2 and 3 between the support brackets should not significantly exceed 300 mm
- The cover profile is also snapped on to tags at the sides; extra tightness is achieved with pegs on the support brackets for sealing purposes
- The transparent design of the profiles allows terminals with accessories and marking to be identified at any time. Additional markings, e.g. from groups, can also be applied

Mounting accessories – Busbars

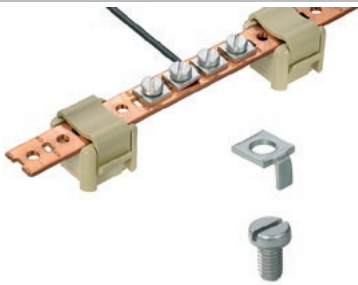
Busbars, unslotted



SSch

Type	Material	Dimensions	Rated current	Qty.	Order No.
SSCH 6X6X1000 CU/SN	Copper	6 / 6 / 1000 mm	140 A	1 M	0571300000
SSCH 7.3X1.2X1000	Copper	7.3 / 1.2 / 1000 mm		1 M	1071200000
SSCH 10X3X1000 CU/SN	Copper	10 / 3 / 1000 mm	140 A	1 M	0348900000
SSCH 10X3X1000 ST/ZN	Steel	10 / 3 / 1000 mm		1 M	0438000000
SSCH 10X3X2000 CU VERZ.	Copper	10 / 3 / 2000 mm	140 A	2 M	1397000000
SSCH 15X6X1000 CU/SN	Copper	15 / 6 / 1000 mm	265 A	1 M	0357400000

Busbars, slotted



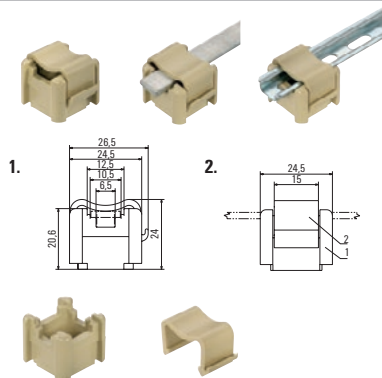
NSch / ESch

Type	Material	Dimensions	Rated current	Qty.	Order No.
ESCH 1 M	Steel	1000 / 2 / 12 mm	24 A	10 M	0280300000
NSCH 1M	Copper	1000 / 2 / 15 mm	24 A	10 M	0280200000
NSCH 2M	Copper	2000 / 2 / 15 mm	24 A	2 M	1313600000
Pressure piece				Qty.	Order No.
DKSUE NSCH/ESCH				100	0280100000
Clamping screw					
BFSC M5X8 SCHLITZ				100	0296700000

For solid conductors and cable lugs according to DIN 46234.

Rail support

With yoke and base



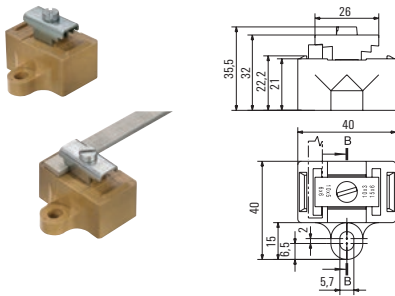
SH 1

Type	Material	Dimensions	Qty.	Order No.	
SH 1	Polyamide 66	26 / 24 / 24.5 mm	20 ST	0299860000	
Individual parts				Qty.	Order No.
SD SH1				20	0401460000
KLBUE SH1				20	0635960000
Mounting screw					
BFSC M4X9T				100	0103300000
BFSC M4X30				50	0267100000

SH 1: for busbar cross-section 10 x 3, 6 x 6, 15 x 2, 12 x 2, 15 x 2, 15 x 6

Rail support

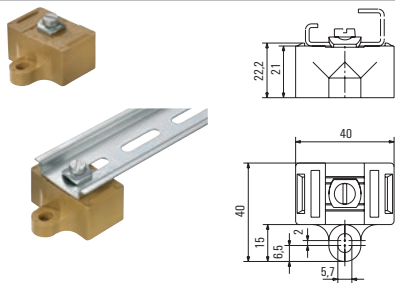
With metal bridge



SH 2S

Type	Material	Dimensions	Qty.	Order No.
SH 2 S	KrG	40 / 35.5 / 40 mm	10 ST	0641720000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5, 15 x 6				

Rail support

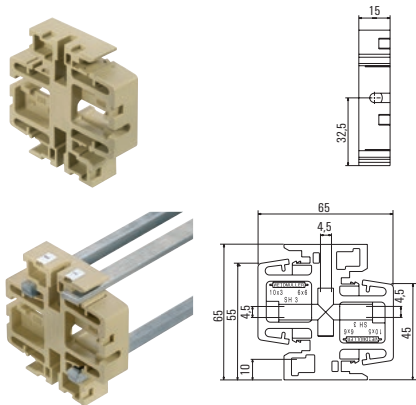


SH 2

Type	Material	Dimensions	Qty.	Order No.
SH 2	KrG	40 / 25 / 40 mm	10 ST	0494920000
The arrangement of mounting rails in totally insulated facilities				

Rail support

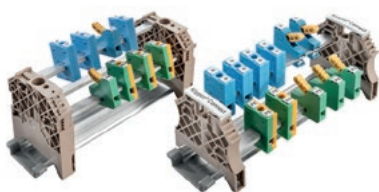
With metal bridge



SH 3

Type	Material	Dimensions	Qty.	Order No.
SH 3	Polyamide 66	65 / 65 / 15 mm	10 ST	0556660000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5				

Rail support



WEW

Type	Material	Dimensions	Qty.	Order No.
Polyamide with fibre glass, screwable				
WEW 35/1	Wemid	12 / 62.5 / 56 mm	50 ST	1059000000
WEW 35/2	Wemid	8 / 46.5 / 56 mm	50 ST	1061200000
WEW 35/1 GR	Wemid	12 / 62.5 / 56 mm	50 ST	1227890000
WEW 35/1 SW	Wemid	12 / 63 / 56 mm	50 ST	1162600000
WEW 35/2 GR	Wemid	8 / 46.5 / 56 mm	100 ST	1859200000
WEW 35/2 SW	Wemid	8 / 47 / 56 mm	50 ST	1061210000
For busbar cross-section 10 x 3, 6 x 6				

Busbar tap terminal

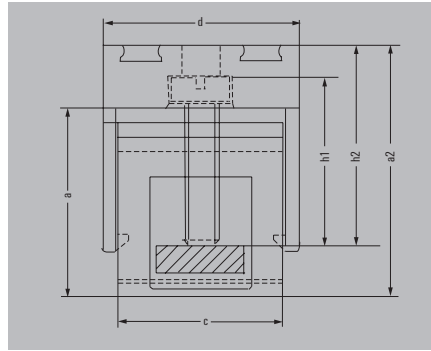


WBBD 16

Type	Rated voltage	Rated current	Clamping range min. / max.	Colour	Qty.	Order No.
WBBD 16 BL	690 V	114 A	1.5...16 mm ²	blue	12 ST	2603850000
WBBD 16 GN	690 V	114 A	1.5...16 mm ²	green	12 ST	2603860000
WBBD 16 GY	690 V	114 A	1.5...16 mm ²	grey	12 ST	2603840000

For busbar thickness 3...10 mm

Clamping yoke, uninsulated



Tightening torques for clamping screws according to IEC 60947-1

Products with screw with slotted head		
Thread	Tightening torque	
	Steel screws	A 2/A 4-80
	min. 8.8	[Nm]
M 2	0.2...0.35	0.2...0.35
M 2.5	0.4...0.8	0.4...0.8
M 3	0.5...1.0	0.5...1.0
M 3.5	0.8...1.6	0.8...1.6
M 4	1.2...2.4	...
M 5	2.0...4.0	...
M 6	2.5...5.0	...

for busbar 10 x 3 mm



Solid	0.5...6 mm ²
Flexible	0.5...4 mm ²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

for busbar 10 x 3 mm

For subsequently slewing-in



Solid	1...10 mm ²
Flexible	1.5...10 mm ²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

for busbar 10 x 3 mm

Also for 10 x 5 mm busbars



Solid	1.5...10 mm ²
Flexible	2.5...10 mm ²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

for busbar 10 x 3 mm



Solid	2.5...16 mm ²
Flexible	2.5...16 mm ²
Stranded	16...25 mm ²
Clamping screw	M 4
Stripping length	16 mm

for busbar 10 x 3 mm



Solid	16...16 mm ²
Flexible	16...35 mm ²
Stranded	...
Clamping screw	M 6
Stripping length	19 mm

for busbar 6 x 6 mm



Solid	0.5...6 mm ²
Flexible	0.5...4 mm ²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

for busbar 6 x 6 mm



Solid	2.5...16 mm ²
Flexible	2.5...16 mm ²
Stranded	16...25 mm ²
Clamping screw	M 4
Stripping length	12 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4	silver	5.3 mm	15.5 mm	16 mm	50	0316500000
IK 4 BL ZB4	silver	6 mm	19 mm	14.5 mm	50	0475480000
IK 4 GG ZB4	silver	6 mm	19 mm	14.5 mm	50	0475460000

ZBE 6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZBE 6	silver	8 mm	19 mm	28 mm	50	0459500000
IK 6 GG ZBE6K	silver	7.8 mm	22.5 mm	23 mm	50	0526060000

ZB 10

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 10 F.10X3/10X5/10X10	silver	8 mm	19.5 mm	29.1 mm	50	1261300000

ZB 16

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16 ZKSC	silver	10 mm	16 mm	24 mm	50	0316600000
IK 16/ZB16 BL	silver	9 mm	19 mm	20 mm	50	0502980000
IK 16/ZB16 GG	silver	9 mm	19 mm	20 mm	50	0502960000

ZB 35

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35/M6X16	silver	14 mm	18 mm	34 mm	20	0266500000
IK 35/ZB35 BL	silver	14 mm	32 mm	8.6 mm	50	0502780000

ZB 4/6

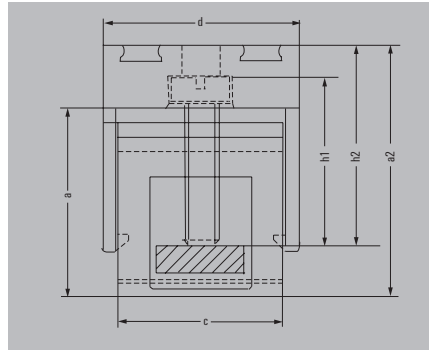
Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6	silver	5.3 mm	12 mm	20 mm	50	0556700000

ZB 16/6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6	silver	10 mm	12.5 mm	30.7 mm	50	0556800000

Mounting accessories – Busbars

Clamping yoke, insulated



for busbar 10 x 3 mm



Solid	0.5...6 mm ²
Flexible	...
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

for busbar 10 x 3 mm

For subsequently slewing-in



Solid	1...10 mm ²
Flexible	1.5...10 mm ²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

for busbar 10 x 3 mm



Solid	2.5...16 mm ²
Flexible	2.5...16 mm ²
Stranded	16...25 mm ²
Clamping screw	M 4
Stripping length	16 mm

for busbar 10 x 3 mm



Solid	16...16 mm ²
Flexible	16...35 mm ²
Stranded	...
Clamping screw	M 6
Stripping length	19 mm

for busbar 10 x 3 mm

Tension clamp connection



Solid	0.5...4 mm ²
Flexible	0.5...2.5 mm ²
Stranded	...
Clamping screw	...
Stripping length	10 mm

for busbar 6 x 6 mm



Solid	0.5...6 mm ²
Flexible	0.5...4 mm ²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

for busbar 6 x 6 mm



Solid	2.5...16 mm ²
Flexible	2.5...16 mm ²
Stranded	16...25 mm ²
Clamping screw	M 4
Stripping length	12 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4G BL	silver	7.4 mm	19.5 mm	27 mm	50	0322180000
ZB 4G GN/GE	silver	7.4 mm	19.5 mm	27 mm	50	0322160000
ZB 4G SW	silver	7.4 mm	19.5 mm	27 mm	50	0322110000
ZB 4K BL	silver	6 mm	19 mm	20.4 mm	50	0475380000
ZB 4K GE/GN	silver	6 mm	19 mm	20.4 mm	50	0475360000

ZBE 6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZBE 6K BL	blue	8 mm	22.5 mm	19.5 mm	50	0525980000
ZBE 6K GE/GN	yellow, green	8 mm	22.5 mm	19.5 mm	50	0525960000
ZBE 6K SW	black	8 mm	22.5 mm	19.5 mm	50	0525910000

ZB 16K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16K BL	silver	10 mm	19 mm	26.8 mm	50	0502880000
ZB 16K GE/GN	silver	10 mm	19 mm	26.8 mm	50	0502860000

ZB 35K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35K BL M6X16	silver	14 mm	32 mm	34 mm	20	0502680000
ZB 35K GE/GN M6X16	silver	14 mm	32 mm	34 mm	20	0502660000
ZB 35K SW M6X16	silver	14 mm	32 mm	34 mm	20	0502610000

ZF 4 S

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZF 4 S	silver	6.1 mm	24.5 mm	22 mm	50	1814680000
ZF 4 S BL	silver	6.1 mm	24.5 mm	22 mm	50	1814660000
ZF 4 S GN	green	6.1 mm	24.5 mm	22 mm	50	1814670000

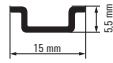
ZB 4 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6K BL	silver	6 mm	25 mm	14.7 mm	50	0565480000
ZB 4/6K GE/GN	silver	6 mm	25 mm	14.7 mm	50	0565460000

ZB 16 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6K GE/GN	silver	10 mm	25 mm	30.7 mm	50	0569660000

TS 15 terminal rail



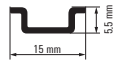
unslotted



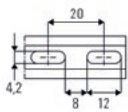
TS 15 x 5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 15X5 2M/ST/ZN	10.00 mm ²	1.2 kA		2000mm	1.00 mm	2 M	0514200000

TS 15 terminal rail



with slot



TS 15 x 5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 15X5/LL 2M/ST/ZN	10.00 mm ²	1.2 kA		2000mm	1.00 mm	2 M	0117500000
TS 15X5/LL 1M/ST/ZN	10.00 mm ²	1.2 kA		1000mm	1.00 mm	1 M	0117510000

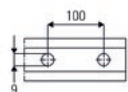
TS 20 terminal rail



TS 20 x 10

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
TS 20/CX10 2M/ST/ZN						2 M	2968890000

TS 27 terminal rail



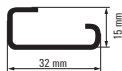
TS 27 x 12.5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
TS 27X12.5M/ST/F.ZN				2000mm	2.00 mm	2 M	1802690000

Mounting accessories – DIN rails

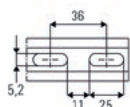
TS 32 terminal rail

unslotted



TS 32 terminal rail

with slot



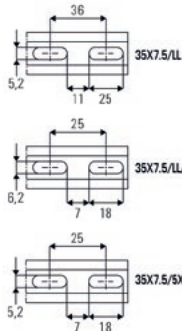
TS 35 x 7.5 terminal rail

unslotted



TS 35 x 7.5 terminal rail

with slot



TS 32 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Aluminium							
TS 32X15 2M/AL/BK	70.00 mm ²	8.4 kA	192.00 A	2000mm	1.50 mm	2 M	0169300000
Steel, galvanised and passivated							
TS 32X15 2M/ST/ZN	35.00 mm ²	4.2 kA		2000mm	1.50 mm	2 M	0122800000
Stainless steel, rust-proof							
TS 32X15 2M/CRN				2000mm	1.50 mm	2 M	0293220000

TS 32 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 32X15/LL 2M/ST/ZN	35.00 mm ²	4.2 kA		2000mm	1.50 mm	2 M	0514400000

TS 35 x 7.5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Copper							
TS 35X7.5/1.0 2M/CU/BK	50.00 mm ²	6 kA	150.00 A	2000mm	1.00 mm	2 M	2731380000
Aluminium							
TS 35X7.5 2M/AL/BK	35.00 mm ²	4.2 kA	125.00 A	2000mm	1.00 mm	2 M	0330800000
Steel, galvanised and passivated							
TS 35X7.5 2M/ST/ZN	16.00 mm ²	1.92 kA		2000mm	1.00 mm	2 M	0383400000
TS 35X7.5 1M/ST/ZN	16.00 mm ²	1.92 kA		1000mm	1.00 mm	1 M	0383410000
Stainless steel, rust-proof							
TS 35X7.5 2M/CRN				2000mm	1.00 mm	2 M	1747350000
TS 35X7.5 2M/CRN 316L					1.00 mm	2 M	2716000000

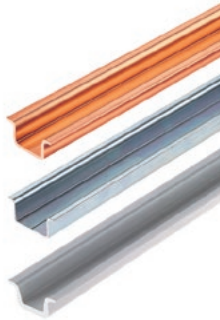
TS 35 x 7.5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 35X7.5/LL 1M/ST/ZN	16.00 mm ²	1.92 kA		1000mm	1.00 mm	1 M	0514510000
TS 35X7.5/LL 2M/ST/ZN	16.00 mm ²	1.92 kA		2000mm	1.00 mm	2 M	0514500000
TS 35X7.5/LL 2M/ST/SZ	16.00 mm ²	1.92 kA		2000mm	1.00 mm	2 M	7915060000
TS 35X7.5/LL/6 2M/ST/ZN	16.00 mm ²	1.92 kA		2000mm	1.00 mm	2 M	0514570000
TS 35X7.5/LL/6X18 2M/O	16.00 mm ²	1.92 kA		2000mm		2 M	1071690000
TS 35X7.5/5X18 2M/ST/SZ	16.00 mm ²	1.92 kA		2000mm	1.00 mm	2 M	1879090000

TS 35 x 15 terminal rail



unslotted



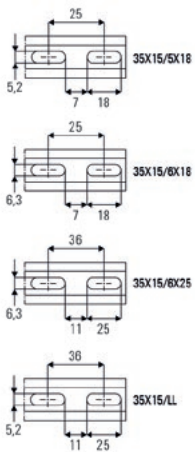
TS 35 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Copper							
TS 35X15/2.3 2M/CU/BK	150.00 mm ²	18 kA	309.00 A	2000mm	2.30 mm	2 M	0270100000
Aluminium							
TS 35X15/2.3 2M/AL/BK	95.00 mm ²	11.4 kA	232.00 A	2000mm	2.30 mm	2 M	1848290000
Steel, galvanised and passivated							
TS 35X15/2.3 2M/ST/ZN	50.00 mm ²	6 kA		2000mm	2.30 mm	2 M	0498000000
TS 35X15 2M/ST/ZN	35.00 mm ²	4.2 kA		2000mm	1.50 mm	2 M	0236400000
Plastic PVC RAL 7035							
TSK 35X15 2M PVC/GR				2000mm	3.00 mm	2 M	0514300000

TS 35 x 15 terminal rail



with slot



TS 35 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 35X15/5X18 2M/ST/SZ	50.00 mm ²	6 kA		2000mm		2 M	1879100000
TS 35X15/5X18 2M/ST/ZN	50.00 mm ²	6 kA		2000mm		2 M	1837380000
TS 35X15/6X18 2M/ST/ZN	50.00 mm ²	6 kA		2000mm	1.50 mm	2 M	1805980000
TS 35X15/6X25 2M/ST/ZN	50.00 mm ²	6 kA		2000mm		2 M	1866290000
TS 35X15/LL 1M/ST/ZN	50.00 mm ²	6 kA		1000mm	1.50 mm	1 M	0236510000
TS 35X15/LL 2M/ST/SZ	50.00 mm ²	6 kA		2000mm	1.50 mm	2 M	7907490000
TS 35X15/LL 2M/ST/ZN	50.00 mm ²	6 kA		2000mm	1.50 mm	2 M	0236500000
TS 35X15/LL 2M/ST/ZN/0	50.00 mm ²	6 kA		2000mm		2 M	1071680000

End cap for TS 35

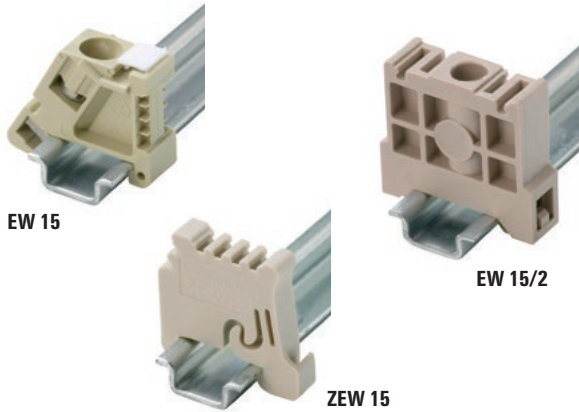


End cap for TS 35

Type	PEN function	Height	Length	Qty.	Order No.
End cap TS 35 x 7,5					
TS END CAP 35X7,5		37.5 mm		100 ST	1283470000
End cap TS 35 x 15					
TS END CAP 35X15		37.5 mm		100 ST	1283480000

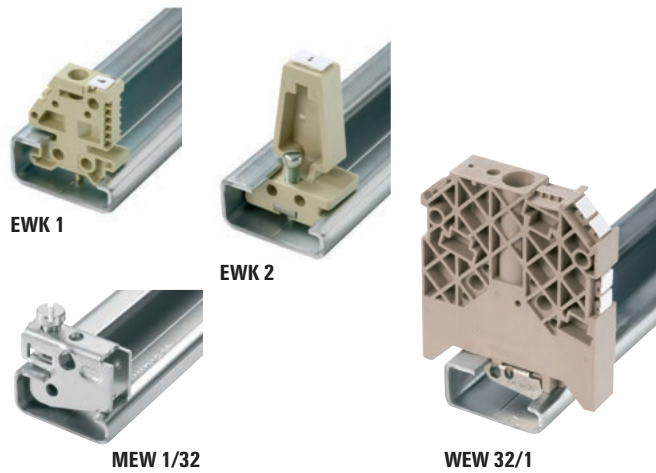
Mounting accessories – End brackets

for TS 15 terminal rail



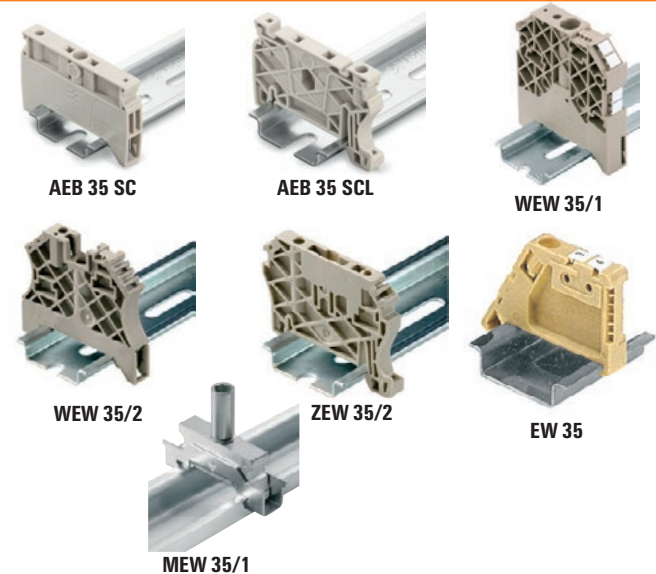
Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EW 15	beige	0.5 Nm	50	0382860000
Polyamide with fibre glass, screwable				
EW 15/2	dark beige	0.5 Nm	50	1071900000
Polyamide 66, screwless				
ZEW 15	beige		20	7920340000

for TS 32 terminal rail



Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EWK 2	beige	0.5 Nm	50	0199360000
EWK 1	beige	0.5 Nm	50	0206160000
Polyamide with fibre glass, screwable				
WEW 32/1	dark beige		50	1067600000
Metal, screwable				
MEW 1/32	grey		20	0445600000

for TS 35 terminal rail



Type	Colour	Torque	Qty.	Order No.
Polyamide with fibre glass, screwable				
AEB 35 SC/1	dark beige	0.5 Nm	50	1991920000
AEB 35 SC/1 BK	black	0.5 Nm	50	2475310000
WEW 35/1	dark beige	1.2 Nm	50	1059000000
WEW 35/2	dark beige	0.5 Nm	50	1061200000
WEW 35/1 GR	grey	1.2 Nm	50	1227890000
WEW 35/1 SW	black	1.2 Nm	50	1162600000
WEW 35/2 GR	grey	0.5 Nm	100	1859200000
WEW 35/2 SW	black	0.5 Nm	50	1061210000
Polyamide 66, screwless				
AEB 35 SCL/1 V0	dark beige		20	2661280000
AEB 35 SCL/1 V0 BK	black		20	2661300000
AEB 35 SCL/1 V0 GY	Light Grey		20	2661290000
ZEW 35	dark beige		20	9540000000
ZEW 35/2	dark beige		20	8630740000
ZEW 35 GR	grey		20	1238040000
ZEW 35/2 GR	grey		20	1227850000
ZEW 35/2 SW	black		20	1162610000
Polyamide 66, screwable				
EW 35	beige	0.5 Nm	50	0383560000
EW 35 GR 7032	grey	0.5 Nm	50	0383530000
EW 35 DB	dark beige	0.5 Nm	50	1269050000
Metal, screwable				
MEW 35/1	grey		10	1805610000

Terminal rail support



TSTW 5/M5
TSTW 5/M5 verzinkt
TSTW 6/M6

Type	Internal thread	Qty.	Order No.
TSTW 5/M5	M 5	10	0178100000
TSTW 5/M5 ZN	M 5	10	1779100000
TSTW 6/M6	M 6	10	0164000000
TSTW D 4.3		10	1610110000

Terminal rail supports of type TSTW serve for angled mounting of terminal rails at an angle of 35°.

Terminal rail support



TST

Type	Internal thread	Qty.	Order No.
TST 2/M5	M 5	10	1286600000
TST 2/M6	M 6	10	0101700000

Type	Qty.	Order No.
Mounting plates and fastening screws		
FKSC M6X8 D9/SW3	50	0642600000

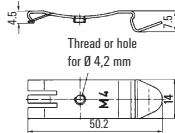
Type	Qty.	Order No.
Mounting screw		
FKSC M5X8 D9/SW2.5	50	0295900000
FKSC M6X12 D9/SW3	50	0353500000

The TST terminal rail support serves to install terminal rails in the frame or using a cut-out. For the terminal rail supports, Weidmüller offers fastening screws with hexagonal socket and an especially low head, such that terminal blocks can also be mounted above the screw.

Mounting feet

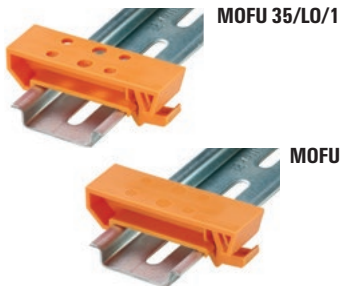


FM 4



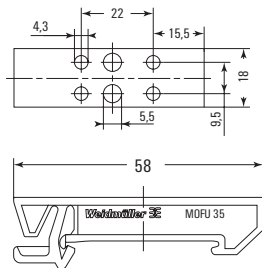
Type	Internal thread	Qty.	Order No.
FM 4 foot			
FM 4/TS35	M 4	40	0687900000
FM 5/TS35	M 5	40	0636800000
FM 6/TS35	M 6	40	0636900000
FM 4.2/TS35		40	1724580000
FM 4.2/TS35 without thread	FM 4.2/TS35 without thread		

Mounting feet



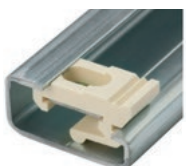
MOFU 35/LO/1

MOFU 35

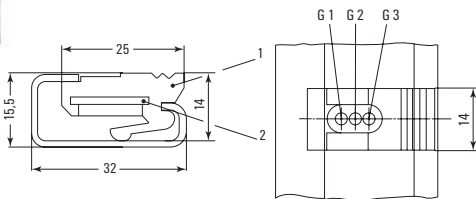


Type	Internal thread	Qty.	Order No.
MOFU 35/LO/1		20	0646260000
MOFU 35		20	0495660000
MOFU 35/LO/1 SW		20	0646210000

Mounting feet



MB



Type	Internal thread	Qty.	Order No.
MB M3/M5 CRM	M 5	20	0503500000
MB M5/M3 SW	M 5	20	0553400000
MB M6/M4 GR	M 5, M 6	20	0334900000

The sliding nuts for the TS 32 terminal rails are each fitted with two threaded holes for M3 + M5/M6 + M4/M5 + M3 screws. They serve to attach components that cannot be directly snapped onto the TS 32 and particularly to hold the smaller TS 15 top-hat rail. For example, small terminal blocks can firstly be snapped onto the TS 15 and then this rail can be attached to the TS 32 using the sliding nuts.

DIN rails and accessories

Rail cutting and punching devices

For burr-free cutting and punching of DIN-rail profile rails, Weidmüller offers rail cutting and punching devices TSLD 5 and TSLD C Profile bars and C-profiles can be easily cut to length and punched without much effort. Other product features of the TSLD are:

- Table-top unit for mounting on workbench or similar workplaces
- Guiding device for 90° angle accurate cutting
- Burr-free cutting of top-hat rails without waste
- Shear plate regrindable
- Integrated length stop (up to 1,000 mm)



C

Type	Perforating / Punching	10x3 busbar	TS 15x5,5x1,0	TS 32	C Profile	TS 35x7,5x1,0	TS 35x15x1,5	Qty.	Order No.
TSLD 5	x	x	x	x	-	x	x	1	9918700000
TSLD C*	x	x	x	-	x*	x	x	1	1270310000
TSD 35	-	-	-	-	-	x	x	1	1318510000

*on request / G-profile (TS 32) is replaced by customer-specific C-profile

Klippon® RailSnapper– For direct mounting of DIN rails

Use the entire length of the DIN rail

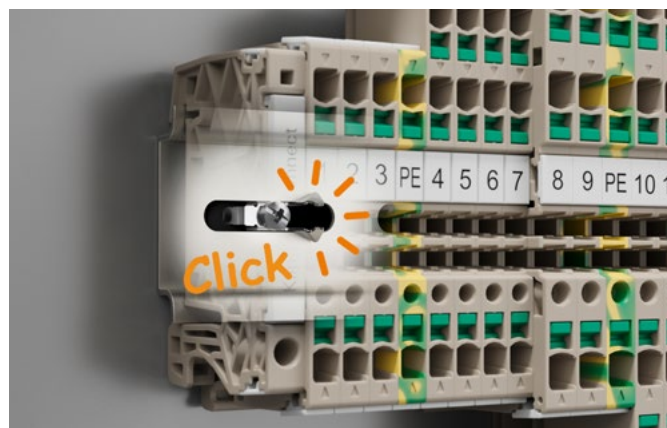
The Klippon® RailSnapper: Your key to simple and secure fastening of your DIN rail. With the clever click mechanism, which is ensured by wing screws, we offer you maximum security for DIN rail mounting.

But that's not all – our low installation height allows you to mount with components already snapped on. This allows you to use the entire length of your DIN rail without any restrictions.

No more annoying cut-outs for fixing screws and unused space on your DIN rail. With the Klippon® RailSnapper you can optimize your processes and create valuable space in your cabinet.



More technical details and further information on our Klippon® RailSnapper can be found in our online catalog: www.weidmueller.com/railsnapper



Fast Mounting Clip

FMC 5.2/1.0 SC

FMC 5.2/1.0 BR



Technical Data

Thread size	M3.5
Hole dimension / Drill hole	2.9 mm

Thread size	M3.5
Hole dimension / Drill hole	2.9 mm

Hole dimension / Drill hole	3.3 mm
-----------------------------	--------

Ordering data

Variants with screw	
Variants with rivet	

Type	Qty.	Order-No.
FMC 5.2/1.0 SC	100	2920530000

Type	Qty.	Order-No.
FMC 5.2/1.0 BR	100	2968380000

Mounting accessories

ADP

Cover strips



Material: unplasticised PVC
 Supplied in 1 m lengths
 Temperature limit: max. 70 °C

transparent		Order No.
Type		
ADP 1		0485200000
ADP 2		0485300000
ADP 3		0485400000
ADP 4 (1000 mm)		1430760000
transparent		Order No.
Type		
ADP 4 (300 mm)		1378160000

HP

Retaining plates



Material: PA 66
 Thickness: 2 mm

For mounting on TS 35 / TS 32, with spigot for lead seal		Order No.
Type		
HP 1		0485560000
HP 2		0485660000
HP 3		0485760000
HP 4		0485860000

Covers

Overall dimensions	A	A	A	A	B	C
for mounting on terminal rails	TS 32	TS 35 x 7.5	TS 35 x 15	TS 15		
ADP 1, HP 1	61	56	63		49	6
ADP 2, HP 2	77	72	79		62.5	6
ADP 3, HP 3	94	89	86		92	6
ADP 3, HP 4	73.5	68.5	75.5		92	6
Marking materials	Type	Qty.	Order No.			
Card with warning "lightning flash", self adhesive 20 pcs. per card	BEZ-KARTE ADP	10	0566700000			

Systemised marking

For optimised processes

Your primary expectation of a marking system is that it clearly shows how your components are configured. This includes an accurate printed image, ease of use and usability in an industrial environment. You need data entry and administration software to provide optimum support. During marker output, the speed should be adaptable to your needs. In order to provide the right marking solution for all products at all time, we have built up a unique overall system of markers, printers and software. The tailored range of products ensures precise identification throughout the whole panel – or, for short, systemised marking.

Our promise

Our harmonised system of software, markers and printers allows you to optimise processes – from entering your data to the finished marker for the individual panel configuration. You have a clear overview to allow clear identification of panel components.

More detailed information on our marking system is available at www.weidmueller.com/markings

Order data is available in our online catalogue.

Flexible printing on plastic and metal markers with inkjet printer

The MultiCard concept is our standard for modern, innovative identification and marking systems. With over 270 variants, it offers neutral plastic markers in a standardised card format for all Weidmüller terminal blocks and terminal blocks from other manufacturers. We also offer the appropriate marker options for the simple and quick connection of conductors, cables and devices.

Use our PrintJet CONNECT inkjet printer for quick clear labelling of large volumes. Its precise colouring and thermal fixing ensure continuous and robust identification. MetalliCard formats made of aluminium and stainless steel can also be printed just as securely. Its wide range of applications and flexibility allows this printer to provide standard-compliant and efficient marking. Depending on the requirements, it is operated either with our user-friendly planning software M-Print® PRO or as a standalone solution with saved templates using a USB stick.



Endless marking with MultiMark and the thermo-transfer printer

The MultiMark terminal markers are endless material with a special stamped pattern. This means they can be rotated easily, which is ideal for compensating tolerances in long terminal blocks. The MultiMark formats are printed using the compact, modular THM MultiMark thermo-transfer printer which offers high levels of flexibility. The optional cutting and perforation option enables the endless material to be cut to any length. This makes cutting and assigning the relevant labels very simple. The THM MultiMark is also the ideal printer when it comes to printing fabric and polyester labels, shrink sleeves and PLC labels. The major benefit: you can make all the labels in and around the panel using just one printer.

Highlight

We offer you a holistic approach to labeling systems in industry. The printer, software and markers form a coordinated unit - Systemised Marking.

Professional tools

Just work faster and more efficiently

You need them for wiring and testing, for commissioning and maintenance – tools are a constant companion when it comes to panel building. They need to sit well in the hand and guarantee consistently high workmanship even after many working cycles. Our quality tools are a choice that will bring you happiness for a long time. Our range includes proficient manual tools for cutting, stripping, crimping, testing and screwing, as well as machines and accessories. From installation of the terminal blocks to installation of delicate electronic components, you can find the right tool for all applications from us.

Our promise

Weidmüller tools were developed with the aim of making your work easier, optimising working processes and thus increasing productivity in panel building. The perfect coordination of terminal blocks, wire-end ferrules and conductors guarantees the best possible working results.

Detailed information on our range of tools is available at www.weidmueller.com/tools

Order data is available in our online catalogue.

The right quality tool for every stage of the process

Cutting

With our robust cutting tools, you can rely on smooth, straight cuts with no deformation of the conductor. Whether you need to cut copper or aluminium cables with small or large cross-sections, the mechanical drive and specific cutting shape allow really ergonomic work.

Stripping

Our precision tools specialise in stripping and sheath stripping of cables to guarantee reliable results. The wide product range is perfectly tailored to insulation and the wire cross-section and guarantees perfect wiring for all sorts of cable types.

Crimping

Our selection of crimping tools fits a wide range of conductors, wire-end ferrules and contacts. This ensures optimum processing quality in all applications. The result is stable, long-lasting connections which meet all relevant international standards and regulations.

Testing and measuring

From voltage testers through clamp-on meters, use our complete range of testing and measuring instruments for precise results. Besides the highest possible reliability for optimum application protection, the devices provide impressively easy handling.

Pliers

Our range of ESD pliers meets all national and international testing standards. The special material of the handles prevents electrostatic discharge. And the ergonomic design of the pliers allows fatigue-free work.



Screwing

High torques and optimum transfer of axial force – our manual and battery-powered torque screwdrivers enable exact, effective work with high levels of repeat accuracy. They are available in four sizes to fit all hands and requirements.

Automatic machines

Automating individual work stages such as cutting to length, stripping and crimping helps increase efficiency. With our robust, user-friendly machines for cable processing, you reduce installation times and minimise production costs.

Wire-end ferrules and cable connectors

With our wire-end ferrules and insulated cable connectors, you guarantee safe connections in the long term. We provide these accessories to match our components and tools in various versions and colour alternatives.

Highlight

Real added value for you: you can have your tools regularly tested and maintained in our in-house tool certification office. This allows you to guarantee consistent functionality and quality.

For every industry and every application

Klippon® Protect enclosure system

gives safety and protection to connection solutions

Enclosures fulfil an important safety function and prove their worth every day, even under the toughest of conditions. All industries have their own specific requirements in terms of enclosure technology – from machine construction through transport and energy engineering to the process industry. With Klippon® Protect, you can choose from a wide range of universal and application-specific enclosures. These products cover all relevant approvals required for use in industrial and explosive risk zones. They are flexible enough for optimal adaptation to your requirements.

Our promise

The flexible Klippon® Protect enclosure system is the perfect addition to our Klippon® Connect range of terminal blocks. You can rely on our assembled enclosures to offer a custom fit to your requirements and provide excellent protection. Klippon® Services completes our products range with optimal support for your processes.

More detailed information on our wide range of Klippon® Protect enclosure systems can be found at www.weidmueller.com/klipponprotect

Universal range

The universal enclosures Klippon® Protect are made of stainless steel, aluminium, or plastic. Either one guarantees excellent protection for your assembly. With these robust enclosures, you can implement various field applications to suit your requirements. The matching system accessories enable simple integration, expansion, and customisation.

Application range

Our Klippon® Protect application range provides solutions for monitoring and safety, measurement and control technology, and power distribution. These application solutions are based on high quality and comprehensive approvals for explosive risk zones.

You can obtain distribution boxes, terminal boxes or command and signalling devices as well from a single source in a consistent enclosure design for maximal safety, reliable functionality and low follow-up costs for maintenance, replacement and storage.



Klippon® Services

Klippon® Services combines consultancy, planning, application expertise and industry know-how. You benefit from our one-stop production services. Thereby you will reduce costs, increase efficiency, and simplify quality management. We guarantee quick, qualityfocused production and order-based availability. We deliver even individually assembled products anywhere within a short time.



Configuration and ordering are simple with the Weidmüller Configurator www.weidmueller.de/wmc



Highlight

Our Fast Delivery Service is a real highlight of our service range that offers to easily configure and request assembled terminal strips, empty or assembled enclosures with the Weidmüller Configurator WMC. The offer is provided within just a few minutes including order numbers for direct ordering - available 24/7. An order will be dispatched from Germany after just four days when a certain service level is selected. Order quantities start at one.



General technical notes

Useful tips from planning through to installation

As a system planner, you bear the responsibility for the correct selection of solutions and components. The IEC standard and the DIN EN 61439 “Low-voltage switchgear and controlgear assemblies” standard support you here. They stipulate the planning and construction requirements, as well as the necessary design verifications. The essential prerequisites are, of course, professional handling of equipment and observance of the rules in force. Only in this way can hazards to persons and property be avoided when they are dealing with electrical energy. In particular, installation, maintenance work, modifications and retrofitting may only be carried out by qualified personnel and in compliance with the general installation and safety regulations for work on power installations.

Our promise

Connections in the panel have to satisfy numerous rules and conditions. Whether installing terminal strips and terminal blocks or using aluminium conductors – we provide you with useful tips that make your work easier.

Operating conditions

The specifications contained in the documentation apply, insofar as no separate stipulations apply, for the recommended installation position and for environmental conditions in the case of indoor installation (pollution severity 3, in exceptional cases 2) in accordance with IEC 60439-1 and IEC 61439-1/2/3. The user has to refer the manufacturer to special operating conditions deviating from this standard! You have to provide for installation-specific reduction factors depending on the actual operating conditions. The load factors listed in the table below constitute guidelines.

What you have to observe for installation

In the case of products containing cartridge fuses, you have to follow the specifications from the associated product standards with regard to the wire cross-sections to be connected. The specified temperature resistance of the plastics used has to be observed.

Here, we recommend installing the products vertically on horizontal terminal rail systems. The rated load factors in the table are applicable for this installation position and also for components with permissible power losses. This also pertains to the environmental conditions in accordance with IEC 60439-1, section 6.1.1.1 and IEC 61439-2/3, section 7.1.1.1.

Guidelines for rated load factors

Number of main circuits	Rated load factor	
	acc. to IEC 61439-2	acc. to IEC 61439-3
2 and 3	0.9	0.8
4 and 5	0.8	0.7
6 to 9 inclusive	0.7	0.6
10 and more	0.6	0.5

IEC 61439
Part 2: Power switchgear and controlgear assemblies
Part 3: Distribution boards intended to be operated by ordinary persons

And what if the conditions deviate

In case of a deviation in the installation position and operating conditions, you have to consider all the factors influencing the maximum temperature. These include, for example:

- Power output of the cartridge fuses and the devices in operation
- Timings, full and partial load, concurrency
- Arrangement in the system, mutual interaction between the devices
- Rail cross-section, conductor cross-section
- Ambient temperature, flow conditions, ventilation and cooling through additional correction factors

Installation positions are inadmissible in which gravity works against the direction of contact movement. Clearance and creepage distances have to be measured in accordance with IEC 60664-1 (VDE 0110 Part 1). Above 12 mm, all IEC requirements are met up to 690 V AC. You also have to consider further factors, such as minimum distances to grounded parts. This particularly applies for UL applications. You also need to avoid the harmful influences of chemical substances during storage, processing and operation.

CE marking

Our products are subject to mandatory CE-marking in conjunction with Low Voltage Directive. We have affixed the CE mark on the individual packing units and partly on the products themselves. We hereby confirm to you that our products comply with the applicable regulations. We would be pleased to provide you with the relevant declarations of conformity at our company.

RoHS Directive

The restriction of lead and nine other potentially hazardous substances in electrical and electronic equipment is specified by the EU-Directive RoHS. As a value-oriented company, Weidmüller is aware of its responsibility towards customers, employees, society and the environment. It is therefore a matter of course for Weidmüller to assume its responsibility within the framework of the RoHS Directive 2011/65/EU.

www.weidmueller.com/rohs

Our tips for you

It always has to be ensured that ...

- all accessible parts are deactivated during installation and maintenance work
- connections are made with the prescribed torque, suitable fitted parts are used and parts are completely installed for touch-safe protection
- connections are checked and, if necessary, tightened after transportation
- the products are used and operated according to the intended purpose
- the technical description in the product manual and the installation instructions are observed and the documents are kept accessible for subsequent maintenance work, modifications and retrofitting
- modifications that serve for advancement and technical progress are reserved

REACH Regulation

The European Chemical Regulation REACH stands for registration, evaluation and authorization of chemicals. As an environmentally conscious company Weidmüller takes its responsibility for communication within the supply chain and for the entire information flow within the REACH regulation.

www.weidmueller.com/reach

Mounting of terminal strips

Always a secure connection

Terminal strips are used for quick installation of cables and conductors. They are the interface from the panel to the outside world. Below, you will find some useful tips, information and binding rules to support you in mounting terminal strips.

Combinations of different terminal blocks

In case of a contour change, you have to use end plates and partition plates (WAP/TW, ZAP/TW and IAP). If terminal blocks with different rated voltages are arranged next to one another, you need end plates or partition plates (WAP/TW, ZAP/TW). Good to know: when arranging the PE terminal block next to, or between the associated feed-through terminals blocks of the same series and size, the rated voltage and the rated impulse voltage of the feed-through terminal blocks are not influenced.

Dimensions

The dimension of the housing enclosing the terminal blocks and fastening components is specified, but without tolerances. Please consider a mounting tolerance of 0.2 mm to the specified terminal width in your project design.

Partition plate

You use a partition plate for visual separation of circuits or for electrical isolation from neighbouring cross-connectors.

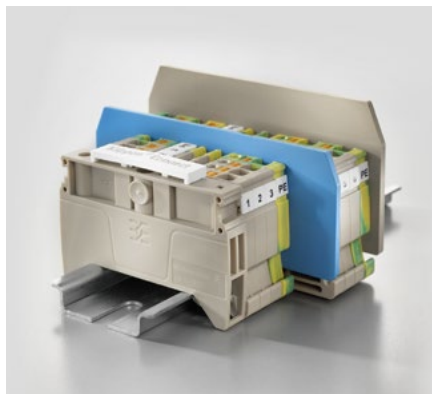
Small partition

In the case of terminal blocks, up to a terminal width of max. 12 mm, you can retroactively insert small partitions between cross-connections or sockets.

End bracket at the beginning and end of the terminal strip



Partition plates improve the overview



Troubleshooting with bipolar voltage tester incl. measurement probe according to IEC 61243-3



Compliance with the rated insulation voltage

We specify the required stripping length for all our products in mm. These lengths, e.g. $6 \text{ mm} \pm 0.5 \text{ mm}$, $\geq 10 \text{ mm} \pm 1 \text{ mm}$ are absolutely binding. This is also the case if you use wire-end ferrules. IEC 60947-1 applies for the outside dimension of crimped wire-end ferrules.

Working on electrical connectors with non-insulated screwdrivers

The following five rules apply for working on electrical systems and equipment with non-insulated screwdrivers:

- Disconnect the electrical systems
- Prevent from being switched back on
- Ascertain absence of voltage
- Earth and short-circuit
- Cover or block off neighbouring parts under voltage

Please find the individual measures to be taken in consideration of the operational and local conditions, for example high voltage and low voltage lines, cables or switchgear systems, in VDE 0105 Part 100.

Unused contact points under voltage

Protect unused contact points that may be live against inadvertent touching by using suitable covers, such as ADP 1 to 4. The clamping screws of unused contact points that are not live must also be tightened.

Tightening torque range for clamping screws

The test torque according to IEC 60947-1 or the torque according to the manufacturer's specifications is the lower value of the torque range. With this, all tests are passed. The upper value of the torque range is the maximum torque that may be applied.

Preferably set the electrical torque screwdriver to the midpoint torque of the terminal torque range. We have assigned product-specific data directly to the respective products.

Tightening the clamping screw in the specified torque ranges ensures:

- Reliable and gas-tight clamping
- No mechanical destruction of the clamping yokes
- Voltage drop well below the required limit value

Our installation tips for you

- The terminal strip structure is from left to right
- Place the closed side to the left, the open side to the right
- Always close the open side of the terminal strip with end plates or separation plates (WAP/TW, ZAP/TW)
- End brackets have to be placed at the beginning and end of a terminal strip

Use of aluminium conductors

Very secure contact

Aluminium conductors have many advantages. However, various conditions must be met in order to achieve secure contact with these conductors. The specifications for the conductor connections for terminal blocks only apply for copper conductors. They do not apply to aluminium conductors.

Our promise

A defined portfolio of our WDU screw-type terminal blocks and our WPD potential distribution terminal blocks and potential distribution blocks are suitable for use with aluminum wires. With the WPD feed-in terminals, you can realize the transition from aluminium to copper in the control cabinet without any additional components or accessories. Further information can be found on our homepage:



Further information on the topic
 Connection of aluminium conductors:
www.weidmueller.com/alu_connection

Professional processing and handling of aluminium conductors for direct connection:

In order to ensure optimal connection of solid and sectional core aluminium conductors, the stripped end of the conductor must be cleaned of the oxide layer immediately by scraping, e.g. with a knife. Please note that no brushes, files or sandpaper may be used, as aluminium particles could be stuck and thus transferred to other conductors.

Immediately after removing the oxide layer, the end of the conductor has to be rubbed with neutral grease (for example with acid and alkali free vaseline) and connected in the terminal immediately. If the conductor has been disconnected and reconnected, the work steps have to be repeated.

Note: The current carrying capacity and respective torques for the connection of aluminum wires in the terminal blocks must always be observed. These can be found on the respective data sheet or in the online catalog.

Terminal blocks for aluminium conductors

WDU 2.5	20 A	solid 2,5 mm ²	0.4 NM
WDU 4	27 A	solid 4 mm ²	0.5 NM
WDU 6	35 A	solid 6 mm ²	0.8 NM
WDU 10	48 A	solid 10 mm ²	1.2 NM
WDU 16	50 A	solid "re" 16 mm ²	3.0 NM
WDU 35	60 A	solid 35 mm ²	4.0 NM
WDU 50N	118 A	solid and sector-shaped 50 mm ²	6.0 NM
WDU 70N	150 A	solid and sector-shaped 70 mm ²	12.0 NM
WDU 120	290 A	sector-shaped 150 mm ²	15.0 NM
WDU 240	415 A	solid and sector-shaped 240 mm ²	30.0 NM
WPD × 01 ...	152 A	25 mm ² solid, stranded and sector-shaped in acc. with IEC 61238-1	4 NM
WPD × 02 ...	202 A	35 mm ² solid, stranded and sector-shaped in acc. with IEC 61238-1	16 ² = 4.0 NM 25 ² = 6.0 NM 35 ² = 8.0 NM
WPD × 03 ...	300 A	70 mm ² solid, stranded and sector-shaped in acc. with IEC 61238-1	16 ² = 4.0 NM 25 ² = 6.0 NM 35 ² = 8.0 NM 50 ² = 10.0 NM 70 ² = 18.0 NM

* Further terminal blocks, with data for the aluminum connection, could be found in the chapters power supply, power distribution and building installation wiring. (WPD series)



Scrape the conductor evenly on all sides.



Cover the conductor all around with neutral grease.



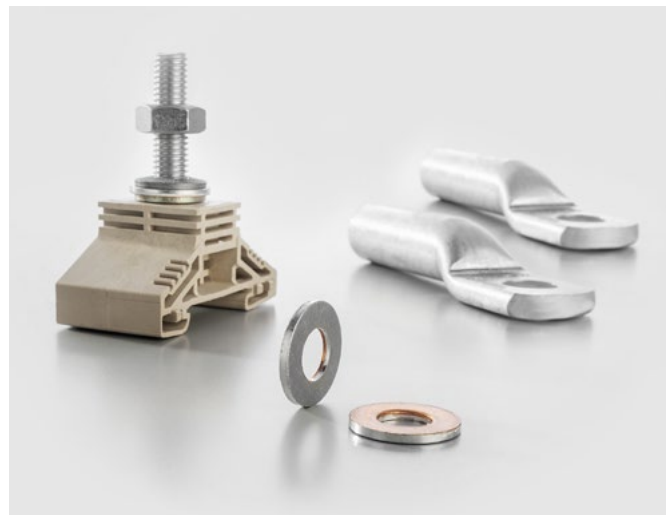
Direct connection in our WPD blocks with specified torque.



Aluminum conductor for indirect connection:
 Indirect connection of aluminum conductors is the safest choice. This can be made possible by crimped connection elements such as Al/Cu ring cable lugs or crimp connection bolts. Nevertheless, the corresponding manufacturer's specifications must also be observed here, and the connection points must be checked according to the operating conditions. For normal ambient conditions and load cases, we recommend checking at intervals of six months. In case of unfavorable operating conditions or frequent temperature changes at the clamping points, a shorter interval may be necessary. Temperature measuring strips with storage of the maximum values can be attached in the immediate surroundings of the connection points and can be useful for an objective assessment during the regular inspections. All connection points are suitable for the connection of one conductor, unless explicitly noted otherwise.

Assembly notes for flat cable lugs:

When tightening the terminals, it is recommended to hold against the conductor to avoid deformation of the mounting rail and to keep the base of the terminal block free from torsional forces. Stranded aluminum conductors are connected to terminal blocks with the aid of an aluminum cable lug. This is selected according to its conductor shape and connected according to the cable lug manufacturer's specifications. Cupal washers are required for the transition from aluminum cable lugs to the busbar of the terminal blocks. This is the only way to ensure a safe transition from copper to aluminum. They are installed so that the copper side contacts the busbar and the aluminum side contacts the aluminum cable lug.



Relevant standards – an overview

Standards have the status of a recommendation and are not legally binding. They serve to ensure the safety of systems and represent the acknowledged state of the art. We therefore always recommend compliance with the contents – irrespective of agreements and customer requirements.

The Low Voltage Directive IEC/EN 61439

Since November 2014, IEC/EN 61439 has replaced the previously applicable standard IEC/EN 60439 for low-voltage switchgear and controlgear assemblies. It comprises seven parts:

1. General rules for low-voltage switchgear and controlgear assemblies (SCA)
2. Power switchgear and controlgear assemblies (PSC)
3. Distribution boards
4. Assemblies for construction sites
5. Cable distribution cabinets
6. Busbar distribution systems
7. Assemblies for marinas, camping sites, electric vehicles charging stations (preliminary standard)

In order to confirm compliance with IEC/EN 61439, it is important that you always refer to Part 1 and one of the following parts. The standard is addressed to every manufacturer and operator of switchgear and controlgear assemblies (SCA) up to 1,000 V AC and 1,500 V DC. Irrespective of whether you assemble the SCA stationary or mobile, with or without enclosure system.

The low-voltage switchgear standard IEC/EN 60947-1

This standard applies for industrial low-voltage switchgear assemblies used in circuits up to 1,000 V AC or 1,500 V DC. It defines the general rules and requirements for low-voltage switchgear assemblies. This includes, for example, the definition, characteristic features, information to be supplied, normal conditions for operation, installation and transport as well as requirements for the construction and verification of characteristic features and behaviour.

Interaction between the standards

IEC/EN 61439 for switchgear and controlgear assemblies

With the withdrawal of the previous version on 23 September 2014, the DIN EN 61439: 20 0-06 standard for "Low-voltage switchgear and controlgear assemblies" – Part 1: General rules became binding for the switchgear and controlgear assemblies defined. This standard includes a series of changes that you have to consider as a switchgear manufacturer. However, these changes have no direct influence on the components, such as terminal blocks, which have to comply with the relevant product standard.

The importance of DIN EN 61439 for components

Components that meet the requirements of the applicable product standard are suitable for direct use in switchgear systems. They must, however, take the definitions of standard series DIN EN 61439 into consideration.

The properties required from DIN EN 61439-1 are covered by the product standard for terminal blocks EN 60947-7-1(2, 3). As an aid for the required design verification for switchgear and controlgear assemblies, the following table provides you with further information on terminal blocks. Additional design verification is not required for individual items of equipment or components.

Summarised

- IEC/EN 61439 is a new series of standards for the construction of switchgear and controlgear systems
- With the design verification, you as the manufacturer provide evidence for the suitability of the system
- You still confirm conformity with the standard by signing the EC Declaration of Conformity

Low-voltage switchgear and controlgear assembly

Original manufacturer

1.

Design verification

A combination of the variants is also conceivable

Variant 1: **Testing**

Variant 2: **Appraisal (incl. calculation)**

Variant 3: **Comparison with reference construction**

Low-voltage switchgear and controlgear assemblies

2.

Manufacturer of the switchgear and controlgear assemblies

Switchgear manufacturer

Variant 1:
Comparison with a reference construction without changes

The manufacturer of the switchgear and controlgear assemblies does not become the original manufacturer

Variant 2:
Original system with changes

The manufacturer of the switchgear and controlgear assemblies becomes the original manufacturer

Design verification for changes

Routine verification

3. Switchgear and controlgear assemblies ready for operation

Guidelines for the construction of a switchgear and controlgear assemblies in accordance with the standard

Checklist design verification according to IEC/EN 61439

Design verification for terminal blocks and their accessories

Nr.	Characteristics to be proved	Section	Adaptability for terminal blocks																																				
1	Strength of material and parts: <ul style="list-style-type: none"> • Corrosion resistance properties of insulation material: <ul style="list-style-type: none"> • Thermal stability • Resilience to extreme heat and fire due to internal electrical effects • Resistance to UV radiation • Lifting • Impact test • Marking 	10.2 10.2.2 10.2.3 10.2.3.1 10.2.3.2 10.2.4 10.2.5 10.2.6 10.2.7	The requirements refer exclusively to cabinets for switchgear. Terminal blocks are designated for the installation in appropriate cabinets. The requirements refer exclusively to parts of the switchgear and controlgear assembly. Inserted components like terminal blocks are not affected. Terminal blocks are designated for the installation in cabinets, thus not relevant Terminal blocks are designated for the installation in cabinets, thus not relevant Terminal blocks are designated for the installation in cabinets, thus not relevant Terminal blocks bear the inscriptions, like it is determined in section 5 of the product standard.																																				
2	Degree of protection and enclosures	10.3	Terminal blocks are designated for the installation in cabinets, thus not relevant																																				
3	Clearances	10.4	The required clearances are based on EN 60664-1 and are identical with the values for the dimensioning of terminal blocks according to EN 60947-7-1(2, 3).																																				
4	Creepage distances	10.4	The required creepage distances are based on EN 60664-1 and are identical with the values for the dimensioning of terminal blocks according to EN 60947-7-1(2, 3).																																				
5	<ul style="list-style-type: none"> • Protection against electric shock and integrity of protective circuits • Effective continuity between the exposed conductive parts of the assembly and the protective circuit • Short-circuit withstand strength of the protective circuit 	10.5 10.5.2 10.5.3	Covered by the type test for modular PE conductor terminals according to EN 60947-7-2. The quality and consistency of the PE conductor connection has to be verified by resistance measurement at the end use. Not relevant, has to be judged in the end use. PE conductor terminals are subjected to a test of short-time withstand current in the context of the type test according to EN 60947-7-2.																																				
6	Installation of equipment	10.6	Installation and tight fit of terminal blocks is secured by the requirements and relevant tests according to the product standard.																																				
7	Internal circuits and connections	10.7	Not relevant, has to be judged in the end use for terminal blocks.																																				
8	Connections for conductors inserted from outside	10.8	Secured by selection of the terminal block as well as its type test according to EN 60947-7-1(2). The final assessment has to be made in the end use.																																				
9	Insulation properties: <ul style="list-style-type: none"> • Operating frequency dielectric strength • Surge voltage strength 	10.9 10.9.2 10.9.3	Tests to the insulation properties are part of the dimensioning of type tested terminal blocks according to EN 60947-7-1(2). The verification for the switchgear and controlgear assembly takes place in the end use for the terminal blocks.																																				
10	Temperature rise limits	10.10	The rated values for terminal blocks according to EN 60947-1(2, 3) can be used for the dimensioning of the temperature rise limits. The verification has to be provided for the respective application, e.g. by measurement or calculation. The calculation of the terminal block's power dissipation can take place in the application by means of the electrical resistance as a function of current: $P_{\text{loss}} = R_{\text{max}} \cdot I^2$ Following maximum resistances per electrical potential according to EN 60947-7-1(2, 3) subject to the cross section for the terminal block are permitted: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tbody> <tr> <td>Cross section/mm²</td> <td>1.5</td> <td>2.5</td> <td>4</td> <td>6</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> </tr> <tr> <td>Electrical resistance/mΩ</td> <td>1.83</td> <td>1.33</td> <td>1.00</td> <td>0.78</td> <td>0.56</td> <td>0.42</td> <td>0.32</td> <td>0.26</td> </tr> <tr> <td>Cross section/mm²</td> <td>50</td> <td>70</td> <td>95</td> <td>120</td> <td>150</td> <td>185</td> <td>240</td> <td>300</td> </tr> <tr> <td>Electrical resistance/mΩ</td> <td>0.21</td> <td>0.17</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> <td>0.08</td> <td>0.06</td> </tr> </tbody> </table>	Cross section/mm ²	1.5	2.5	4	6	10	16	25	35	Electrical resistance/mΩ	1.83	1.33	1.00	0.78	0.56	0.42	0.32	0.26	Cross section/mm ²	50	70	95	120	150	185	240	300	Electrical resistance/mΩ	0.21	0.17	0.14	0.12	0.10	0.09	0.08	0.06
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Electrical resistance/mΩ	0.21	0.17	0.14	0.12	0.10	0.09	0.08	0.06																															
11	Short-circuit withstand strength	10.11	<p>For cross sections up to 35 mm²</p> <p>In sectors after current-limiting (5ms) protection devices <100 A (fort I_{cp} <10 kA) At an unaffected short-circuit current of the grid I_{cp} ≤ 10 kA (in front of the switchgear), a forward current I_D with maximum 17 kA will arise with an upstream protection device. According to the section 10.11.2 of EN 61439-1, the switchgear manufacturer does not have to provide evidence in this case. This requirement is fulfilled by protection devices up to 100 A equipment (application of up to 35 mm² terminal blocks).</p> <p>For cross sections from 50 mm²</p> <p>In sectors after current-limiting (5 ms) protection devices ≤ 630 A (I_{cp} > 10 kA) At an unaffected short-circuit current of the grid I_{cp} > 10 kA (in front of the switchgear), a forward current I_D will flow of up to the period of 5 ms with an upstream protection device. The switchgear manufacturer has to provide evidence for the maximum forward current I_D by declaration of the terminal block's I_{pk} (surge current strength, which the terminal block is able to conduct without being destroyed).</p>																																				
12	Electromagnetic compatibility	10.12	Not relevant, because terminal blocks are seen as passive components according to the product standard EN 60947-7-1(2, 3).																																				
13	Mechanical operation	10.13	Not relevant																																				

Technical requirements from the standards

Rated cross-section

The rated cross-section of a terminal block is the value of the connectable wire cross-section, as specified by the manufacturer. This serves as a reference for certain thermal, mechanical and electrical requirements. The rated cross-section is selected from the following standard cross-sections: 0.2 – 0.5 – 0.75 – 1.0 – 1.5 – 2.5 – 4.0 – 6.0 – 10 – 16 – 25 – 35 – 50 – 70 – 95 – 120 – 150 – 240 – 300 mm².

Terminal blocks have a rated connection capacity that is at least two levels lower than the rated cross-section. The conductors can be solid, stranded or flexible, possibly with conductor end pretreatment. The verification of the rated cross-section is performed with gauges according to IEC 60947-1.

Rated current IEC 60947-7-1

Test currents are assigned to the rated cross-sections according to IEC 60947-7-1. These rated currents cause no impermissible heat transfer to the terminal:

mm ²	1.5	2.5	4.0	6.0
A	17.5	24	32	41
mm ²	10	16	25	35
A	57	76	101	125
mm ²	50	70	95	120
A	150	192	232	269
mm ²	150	185	240	300
A	309	353	415	520

Conventional free-air thermal current (I_{th})

The conventional thermal current in free air (I_{th}) is the highest test current for heating tests of unenclosed devices (see 4.3.2.1 of IEC 60947-1.) This applies exclusively to terminal blocks with multiple connection levels (multi-tier terminals) and to test-disconnect terminal blocks for which current reduction is permissible.

Rated voltage IEC 60947-7-1

The rated voltage of a terminal block is the rated insulation voltage to which the insulation tests and creepage distances relate. It is determined analogously to IEC 60664-1.

Rated impulse withstand voltage IEC 60947-7-1

Rated impulse withstand voltage is the peak value of a surge voltage with which the terminal blocks can be subjected. The clearance distances in IEC 60947-1 and IEC 60664-1 are related to it.

Pollution severity IEC 60947-7-1

The pollution severity defines the influence of solid, liquid or gaseous foreign matter, which may reduce the dielectric strength or the specific surface resistance. Pollution severity 3 has been specified for terminal blocks for industrial applications: conductive contamination occurs on dry, non-conductive contamination which becomes conductive as moisture condensation may also occur. The minimum air clearance measurement is defined in IEC 60947-7-1 in conjunction with the rated surge voltage.

Operating conditions

The terminal blocks can be operated under the following normal conditions:

- Ambient temperature –5 °C to +40 °C, mean value 24 h +35 °C
- Altitude up to 2000 m above sea level
- Relative humidity: 50 % at +40 °C, 90 % at +20 °C

Principles for the use of terminal blocks in Ex-areas

Harsh industrial environments and explosive risk zones, such as in the oil and gas industry, make extreme demands on safety, robustness and quality of products and devices. Numerous standards describe what has to be considered in Ex environments. They serve as the basis for extensive approvals.



Explosion protection

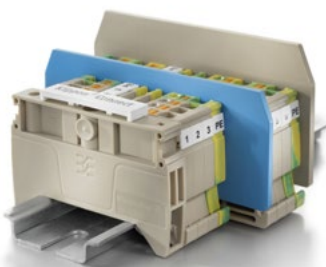
Worldwide, explosion protection is essentially based on the international IEC 60079 series of standards, European and American norms, standards, and directives. In the USA, the National Electrical Code (NEC) and in Canada the Canadian Electrical Code (CEC) form the basis.

For the CENELEC countries of the European Community and beyond, Directive 2014/34/EU is of central importance for manufacturers of equipment and protective systems. The worldwide requirements are confirmed by certification according to IECEx. Thus, the application is approved in the type of protection „Increased Safety“ Ex e in Zone 1 and 2.



Terminal blocks in the Ex environment

According to EN IEC 60079-0, Ex terminal blocks are so-called Ex components. By definition, these are components that are required for the safe operation of devices and protective systems, but without performing an autonomous function themselves. They are approved for the type of protection equipment increased safety „e“ and are not marked with the CE mark according to the European ATEX directives 2014/34/ EU.



Accessories

The accessories you can use is listed in the Ex-certificates. To adhere to the creepage and clearance distances for Ex e, use terminations and partition plates. Terminal blocks for intrinsically-safe circuits “i” are passive components. Therefore, for use in intrinsically-safe circuits, you do not need a type examination certificate. We recommend blue terminals for clear identification and easy recognition. These, as well as the accessories, have to comply with the type according to EN 60079-11.

Issue of type examination certificate

Notified bodies issue EU type examination certificates in accordance with EN IEC 60079-0; EN IEC 60079-7 and the ATEX Directive. By issuing the Production Quality Assurance Notification, a notified body confirms that the requirements of the ATEX Directive according to Annexes IV and VII are met.

Requirements for terminal blocks for type of protection increased safety Ex eb

The type of protection Increased Safety "Ex eb" (IEC/EN 60079-7) is based on the principle of more stringent design measures.

The elementary points for terminal blocks are:

- Increased requirements for self-heating compared to industry standard
- Compliance of clearance and creepage distances (eb)
- The terminal block must be inserted or protected in such a way that the connection can neither become loose nor be damaged inadmissibly by the clamping point

The above points and the technical data are tested by an independent testing institute (DEKRA, PTB, TÜV...) and certified by the certificate.

The following tests must be verified by the type examination or serve as a basic requirement for an IEC Ex application:

- Type testing according to IEC 60947-7-1/-2/-3
- Verification and documentation of clearance and creepage distances
- Ageing test:
 - 14 days storage at 95 °C and 95 % humidity
 - Further 14 days at dry heat Level of the TI value of the insulating material
 - 24 hours cold storage at -65 °C (for PA66) with subsequent conductor pull-out test

Depending on the type of protection, the terminal blocks are approved for increased safety „eb" or „ec" and thus for installation in Zone 1 or Zone 2. This applies provided that the terminal blocks are installed in a terminal box.

Terminal boxes must also have the ignition protection type device protection for increased safety Ex e and must at least correspond to protection type IP54. The installation instructions must be taken into account in the application.



Ex eb

Principles for the use of terminal blocks in Ex-areas



Requirements for terminal blocks for type of protection

Equipment protection Intrinsic safety Ex i

For applications with type of protection equipment intrinsic safety Ex i, no separate approval is required for terminal blocks. In addition to the Ex e approved terminal blocks, other standard terminal blocks can also be used, whereby the following more stringent spacing requirements apply in the Ex i area:

- Between conductor entries adjacent terminals
- Between conductor entries and grounded metal parts
- Increased requirements for clearances due to solid insulation



Requirements for terminal blocks for type of protection Ex ec

When test disconnect terminal blocks or fuse terminal blocks are used, they must have approval for the type of protection for equipment protection increased safety Ex ec. In this case, increased requirements apply to the terminal blocks and their functional units. For example, all disconnectable elements must have a release force greater than 15 N or 100 times their own weight to prevent unintentional opening.



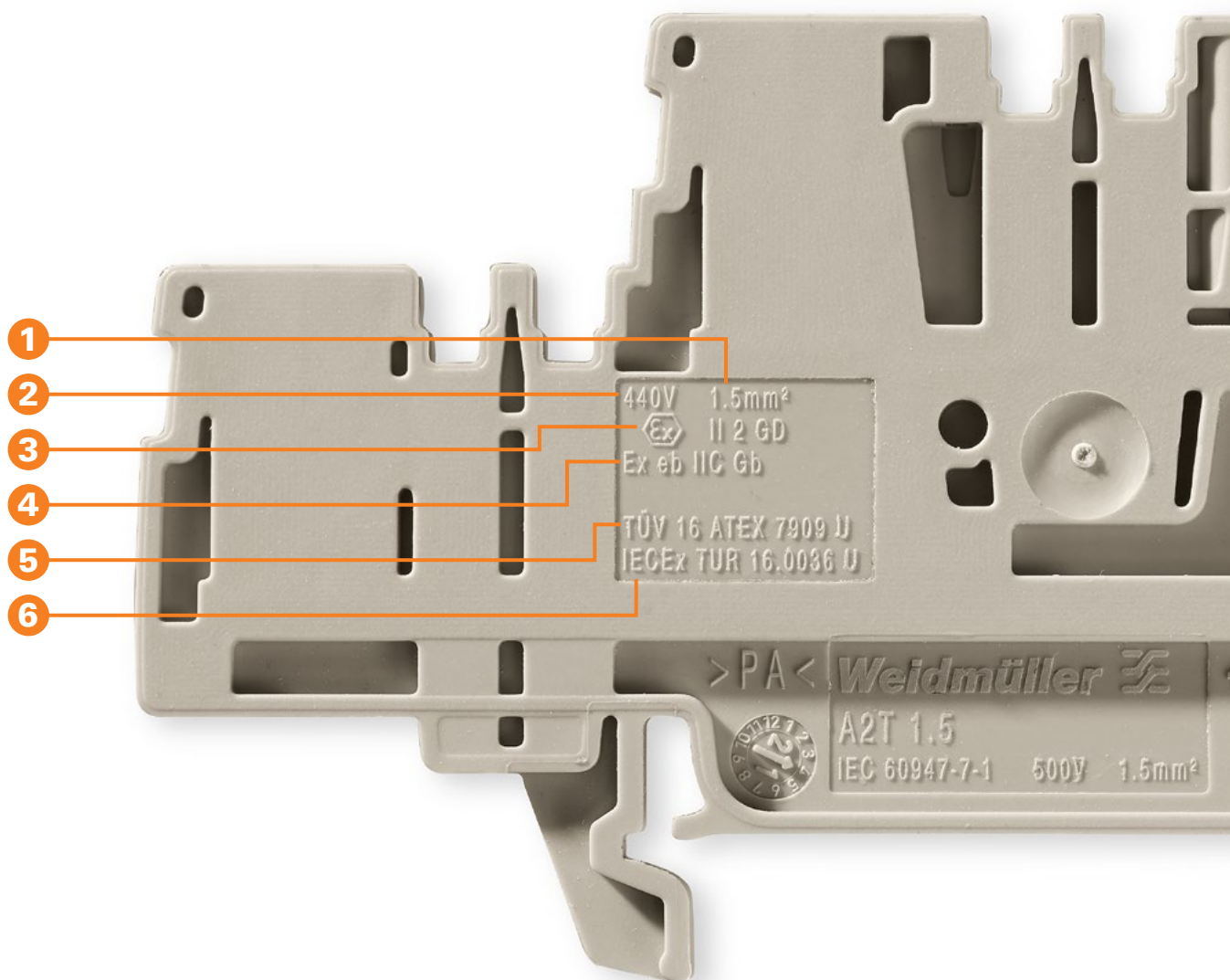
Further approvals and guidelines for the explosion protected areas

Other national and international approvals and directives are based on the IECEx approval. For example, ATEX for the European market, CCC Ex for the Chinese market, KC for the South Korean market or EAC Ex for the Eurasian Economic Union, which includes Russia, Belarus, Kazakhstan, Kyrgyzstan and Armenia.

Labeling of terminal blocks in Ex areas

The explosion-protected equipment must be marked in such a way that it is used correctly according to its safety-related properties. For terminal blocks of the type of protection increased safety „e“ there is a marking obligation. This marking of the equipment is laid down in IEC/EN 60079 Part 0 and Part 7. The exemplary marking of a terminal block can be seen in the following illustrations.

- 1 Rated cross section
- 2 Rated voltage
- 3 ATEX label
- 4 Type of protection label
- 5 ATEX certificate number
- 6 IECEx certificate number



Environmental Product Compliance & Declaration of Conformity

When selecting and procuring materials, we apply the highest quality standards and adhere to international standards and regulations. In this way, Weidmüller, as a value-oriented company, fulfills its responsibility as an environmentally conscious company.

Quality management systems DIN EN ISO 9001

In order to always deliver first-class products, the highest level of quality assurance is essential for us. Starting with the quality management of our products based on ISO 9000 ff. through to permanent monitoring by independent institutes who monitor our production facilities, as well as quality management and our in-house laboratory. You therefore benefit from maximum reliability and durability!



RoHS

The restriction of lead and nine other potentially hazardous substances in electrical and electronic equipment is specified by the EU-Directive RoHS. As a value-oriented company, Weidmüller assumes its responsibility within the framework of the RoHS Directive 2011/65/EU.

China RoHS

Under the auspices of the Chinese Ministry MIIT, the new China RoHS Directive (SJ/T 11364-2014) was published on January 21, 2016. Weidmüller products are also partly subject to this directive. The new directive came into force on July 1, 2016 and is largely analogous to the EU RoHS Directive.

REACH

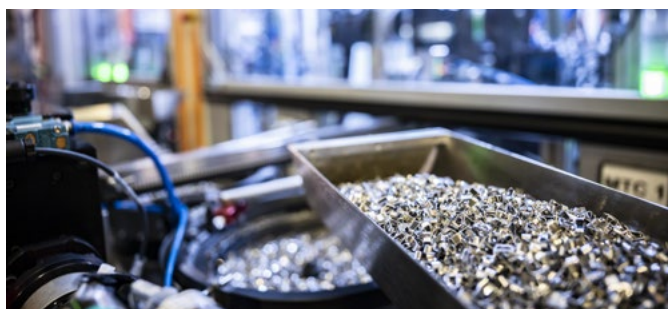
The European Chemical Regulation REACH stands for registration, evaluation and authorization of chemicals. As an environmentally conscious company Weidmüller takes its responsibility for communication within the supply chain and for the entire information flow within the REACH regulation.

WEEE

The sale, return and proper disposal of waste electrical and disposal of waste electrical and electronic equipment within the European the European currency area is governed by the WEEE Directive (Waste of Electrical and Electronic Equipment) 2012/19/EU. It is the aim of this directive to contribute to sustainable development in the long term.

Metals

The metals we use are selected and processed with their surfaces treated according to the latest technical knowledge. In addition, our welding area is certified in accordance with DIN EN ISO 3834-3 for fusion welding of metal-based materials.



Steels

Steel ensures mechanical stability for all our connection systems. In order to permanently maintain the contact force, the steel parts are electrogalvanised and provided with additional passivation by means of a chromate layer. The advantage of surface protection with zinc lies in the high corrosion protection effect. It is also effective for a long time, even after the zinc coating has been partially damaged by scratches or pores. Furthermore, in the presence of an electrolyte, zinc acts as a cathode (i.e. negative) with respect to steel. The metal ions of the zinc migrate to the steel. This protects the underlying material from attack.

Conductive substances

The current-carrying materials copper, brass and bronze are characterised by high conductivity plus good mechanical properties. The surfaces are usually coated with tin. Besides corrosion protection, this ensures high contactability, which leads to low contact resistance. Solder connections also have a tin layer. In order to guarantee long-term solderability, an additional nickel coating is applied to the brass parts as a diffusion barrier. The nickel coating provides effective protection against outward diffusion of zinc atoms from the brass.

Insulating materials

Insulating materials made of duroplasts such as gemin (KrG) and epoxy resin (EP), but also ceramics, exhibit increased dimensional stability. They are used in products for special industries with harsh environmental conditions and increased safety requirements. These include, for example, an increased continuous operating temperature, inherent flame protection, high fire resistance or also high chemical stability.

Properties Ceramic and Duroplasts

Properties		Ceramic	Duroplasts	
Properties		Ceramic	Gemin KrG	Epoxy resin (EP)
Volume resistance acc. to IEC 60093	$\Omega \times \text{cm}$	-	10^{11}	10^{14}
Dielectric strength acc. to IEC 60243-1	kV/mm	> 10	10	160
Tracking resistance (A) acc. to IEC 60112	CTI	≥ 600	≥ 600	≥ 600
Upper max. permissible limit temperature	$^{\circ}\text{C}$	250	130	160
Lower max. permissible limit temperature (static)	$^{\circ}\text{C}$	-60	-60	-60
Flammability acc. to UL 94		V-0 (5 V-B)	V-0 (5 V-A)	V-0

Ceramic

Ceramic

Ceramic is an excellent material for electronics because it meets all requirements. Ceramic is heat resistant, water repellent, spark resistant and certified against leakage current. Thanks to its high mechanical strength, low loss factor and high heat resistance, the material has a high chemical stability and is favoured because of its minimal wear.

- Top continuous operating temperature
- High fire resistance
- Liquid-repellent
- High tracking resistance
- Inherent flame protection



Duroplasts

Duroplasts have high dimensional stability, low water absorption, extremely good tracking resistance and outstanding fire resistance. The continuous operating temperature is higher than that of thermoplastics. The deformation resistance of the duroplasts under elevated thermal load is better than for thermoplastics. A disadvantage compared with thermoplastics is the low flexibility of duroplasts.

Gemin KrG

KrG is a flame-retardant duroplast with high dimensional stability and extremely good tracking resistance. Compared with thermoplastics, KrG absorbs only a very small amount of water from the air. This property makes it suitable for use of the terminal blocks in offshore installations or shipbuilding.

- High constant operating temperature
- High fire resistance
- High tracking resistance
- Inherent flame protection
- Halogen-free flame retardant material



Epoxy resin (EP)

Epoxy resin has extremely good tracking resistance and is also heat resistant. The special feature of the epoxy resin is its resistance to nuclear radiation. This property makes the terminal blocks suitable for use in nuclear power plants.

- Very good electrical properties
- Very high constant operating temperature
- Resistant against high-energy radiation
- Halogen and phosphorous-free flame retardant



Insulating materials

Insulating materials made of thermoplastics such as polyamide (PA) or polycarbonate (PC) are easy to process. Terminal blocks consisting of an insulating material such as polyamide or polycarbonate are used in almost every industry. They have high strength and rigidity, excellent impact strength and good abrasion and wear resistance.

Properties Thermoplastics

Properties		Thermoplastics		
Properties		Wemid	Polyamid (PAGF)	Polycarbonat (PC)
Volume resistance acc. to IEC 60093	$\Omega \times \text{cm}$	10^{12}	10^{12}	10^{16}
Dielectric strength acc. to IEC 60243-1	kV/mm	25	30	≥ 30
Tracking resistance (A) acc. to IEC 60112	CTI	600	500	≥ 175
Upper max. permissible limit temperature	$^{\circ}\text{C}$	130	100	115 / 125
Lower max. permissible limit temperature (static)	$^{\circ}\text{C}$	-60	-50	-50
Flammability acc. to UL 94		V-0	HB	V-2 / V-0

Thermoplastics

Wemid

Wemid is a modified thermoplastic which has properties tailored to meet the requirements of our line connectors. Advantages over PA are the improved fire protection and the higher continuous operating temperature. Wemid meets the strict requirements for use in railway vehicles acc. to NF F 16-101.

- Higher continuous operating temperature
- Improved fire resistance
- Halogen- and phosphorous-free flame retardant
- Low smoke produced in the event of fire
- Permitted for use in railway applications acc. to NF F 16-101



Polyamide (PAGF)

Glass-fibre reinforced polyamide (PAGF) offers outstanding dimensional stability and very good mechanical properties. This makes a difference when used as an end bracket. As compared to non-reinforced PA, this material has flammability rating HB according to UL 94.

- Excellent dimensional stability
- Very good mechanical characteristics
- Halogen-free flame retardant material



Polycarbonate (PC)

Polycarbonate (PC) offers excellent dimensional stability and extremely good mechanical properties. Compared to polyamides, polycarbonate has a higher specific resistance. These properties are particularly suitable for large terminal blocks or terminal blocks with closely spaced potentials.

- High dimensional stability
- High continuous operating temperature
- High electrical insulation properties
- Halogen-free flame retardant material



Service and support

Service and support	Service connects - worldwide	V.2
	Engineering services and customised products	V.3
	easyConnect - Your Industrial Service Platform	V.4
	Support Center	V.6
	Additional support services	V.7
	Weidmüller Configurator: intuitive, uncomplicated & fast digital engineering	V.8
	Your digital ordering options at Weidmüller	V.10

Our expertise for your requirements

Service connects – worldwide



Automation technology functions are becoming more complex in a globally-oriented world facing ambitious targets in terms of energy efficiency and smart production. We are your equal partners for the best connections in Industrial Connectivity.

Our personal support answers all questions reliably and expertly. During planning, installation or operation our service and support offer is your best companion.

In short: Weidmüller's global service combines our expertise with your requirements.



Your way to our service
www.weidmueller.com/service

Engineering services and customised products

Automation engineering and connectivity consulting belongs to our services as well as assembly of engineered products. We also support the process from the idea to the product with our Weidmüller Configurator and the Configure-to-Order process.



Consulting and engineering

The challenge for you is reducing costs and increasing efficiency. This requires intelligent, individual solutions. Whether it is modified products, pre-fitted mounting rails or complete small cabinets – our application centres provide a highly qualified custom-made engineering and production service.



Connectivity Consulting

Increase your competitiveness - supported by our experts. Our drive is to optimise your competitiveness. That's why our team of experts supports you in significantly increasing your efficiency in electrical machine design and control cabinet construction. With proven products and services from the Weidmüller portfolio – and with the experience gained from over 300 projects worldwide.



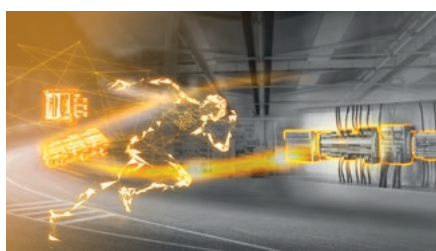
Assembled terminal rails - Flexibly designed to suit your requirements

Your processes in panel building have to be fast, flexible and productive. This is the only way you can cut your costs and increase efficiency. Depending on the application in question, you will have different requirements with respect to the engineering service, delivery speed and flexibility to be provided.



Modified and assembled enclosures - Competitive advantages included

To compete internationally, your plants need to satisfy high standards of safety, quality and performance. The smart combination of consultation, application expertise and industry know-how is our key to finding a custom-fit solution for your application. Reduce costs and increase efficiency.



Fast Delivery Service - Your ideas deserve a quick realisation

Obtain offers 24/7 and within minutes, including directly orderable article numbers with our Fast Delivery Service. The Weidmüller Configurator (WMC) for planning and configuration is key for consistent processes. Dispatch your orders in 5 days. Assemble individual terminal strips and enclosures from batch size 1!

Your ticket to the world of digital service

easyConnect – Your Industrial Service Platform



Our cloud-based platform is your ticket to the world of digital services from Weidmüller, and the intuitive and future-proof tool for your way to the Industrial IoT. Realise your use cases easily, consistently and without any relevant prior knowledge, thanks to the perfect interaction of platform, devices and diverse software services.

As an open, modular and perfectly integrable system, the platform is your enabler for a wide range of use cases. Increase your efficiency and unleash your full innovation potential with easyConnect.



Interested in using easyConnect?

Learn how to get started with easyConnect step-by-step.

www.weidmueller.com/easyconnect

Why should you use easyConnect?

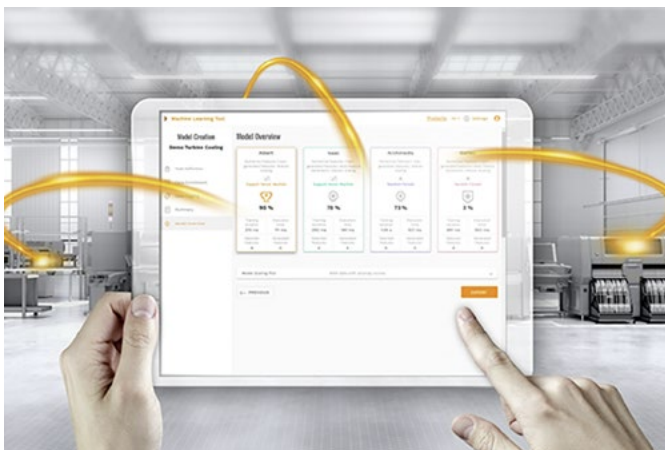
- You want to enter your digital transformation step-by-step?
- You want to make the step into Industrial IOT, but have no or little IT expertise?
- You want to use your digital data for smart & scalable services?
- You want to offer digital services (such as customised dashboard) to your customers?
- You want to improve your service offering and efficiency, e.g. through remote access?
- You feel Weidmüller's digital services are interesting, but you have „your cloud“ already?



Weidmüller comes up with the solution: easyConnect, the new digitalisation platform. It bundles Weidmüller's digital services at one place in the cloud and connects them with various Weidmüller devices.

With easyConnect you start digitalising your application step-by-step without ballast in a secure way.

The following services are initially available on easyConnect:



Device management

Adding and managing cloud-connected devices is typically the first step in any Industrial IoT use case.

Asset management

The asset management service is a modelling tool that allows users to model their assets and processes and link them to relevant time series data.

Remote access (u-link)

u-link guarantees a quick and secure access to machines and plants while also allowing for efficient management.

Data visualisation

easyConnect data visualisation services enable users to view, monitor and display live and historical data.

AutoML

With Weidmüller Industrial AutoML, you can optimize operations, increase product quality and develop new business models by benefiting from advanced analytics.

Expand the possibilities of our products

Our Support Center provides you with comprehensive, clear and personal assistance

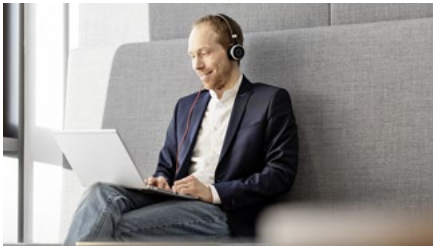


Receive fast and intuitive support to get the most out of our products in your application. In our new Support Center you can search or navigate to the many application notes, product information, video tutorials or software downloads of our products.

- **Everything at a glance** – One central support hub, where all relevant information is available
- **Powerful search** – Provides filter functions for various types of information and products
- **Different views and navigations** – Content provided in views product information, engineering support or software downloads
- **More than 170,000 downloads** – Application notes, video tutorials, templates and examples, user documentation, engineering data, ...
- **Personal contact** – Direct access to your personal technical contact in your country



Additional support services



Training and Webinars

Stay tuned in a world that is accelerating. In our entertaining interactive webinars, we offer you the opportunity to learn about new products and technology topics and to interact with our experts.



Repairs and replacement parts

We offer repair and components for our Workplace Solutions as well as assistance for other Weidmüller products. Find out how our experts can help you with your repair request.



Security advisory board

Our Product Security Incident Response Team (PSIRT) continuously informs you about possible security-related vulnerabilities of our products.



Engineering data

For the quick integration of our products into your design, there are a lot of digital product data for engineering systems like EPLAN, Zuken E3.series, WSCAD and many others available for download.



Product change notifications

Technical modifications of our products always available online.



Technical product catalogues

Technical data for our entire program in Industrial Connectivity for download in PDF-format.

From the idea to the finished solution

Weidmüller Configurator: intuitive, uncomplicated & fast digital engineering

Digital engineering can be so easy – with the Weidmüller Configurator!

It's a **free to use** software application to easily configure industrial solutions. It features more than **12,000 articles** from multiple product families including rail-mounted components, industrial and ex-certified enclosures, Heavy Duty Connectors, remote I/O-systems and PCB connectors.

Unleash the full power of digital engineering:

Our application wizards help you choose the right articles.

Place, mark or modify them to your needs and get your solution **visualized in 3D** – what you see is what you get!

Our promise: Speed up your solution planning process by up to 70%!

Your benefits:

- **Proven configuration designs in real 3D:** The plausibility and collision check with the complete digital documentation ensures that you can rely 100% on your configuration.
- **Seamless E-CAD Roundtrip:** Interfaces enable the simple exchange of product data between the WMC and all common engineering tools, such as Zuken E3 or EPLAN Electric P8.
- **Sample Service & Fast Delivery Service:** to support your design-in process, we offer a **3-day sample service** for many products. Inquire them directly online – for free!
You want your solution right away? Our **Fast Delivery Service** guarantees delivery of individually assembled terminal strips or enclosures within a few days.

Get started online now!

The Weidmüller Configurator makes solution planning easy. Visit our website for more information, tutorials and download it for free:



www.weidmueller.com/wmc

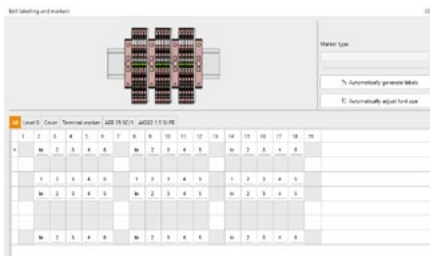


or register on easyconnect.weidmueller.com and use it online.



Wizards:

Design complete applications within few clicks – even without detailed product knowledge – for signal wiring, load monitoring, instrument transformers, enclosures, remote I/O-systems and many more.



Assistants:

Finalize your solutions with supporting assistants to add cross-connectors, markers or colors and verify the faultlessness. Automatic modes save valuable time!



1-click documentation:

Get assembly drawings for production – only 1 click. Bill of material – only 1 click. The complete solution documentation including all component data sheets – you’re right, only 1 click!



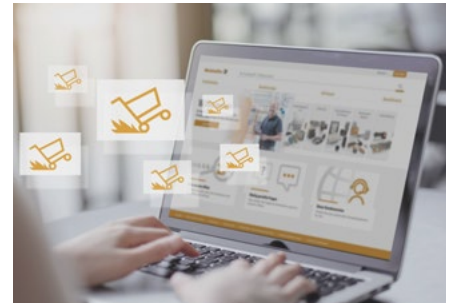
Digital ordering options

Your digital ordering options at Weidmüller

Find and easily select the products you need, with convenient ordering: as your Partner in Industrial Connectivity, we know what counts in purchasing. That is why we offer you a variety of options for ordering products from us and optimising your purchasing processes to meet your individual requirements and your workflow. The choice is yours.

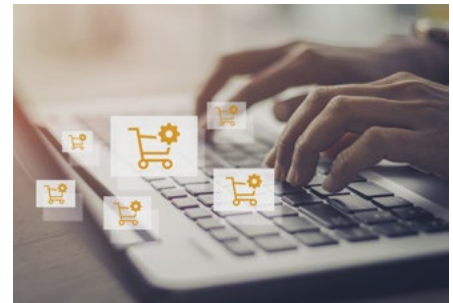
Order via the Weidmüller eShop

Our eShop offers you access to the complete Weidmüller product range around the clock – directly from a PC, tablet, or smartphone. The intuitive user guidance supports you as you select from over 50,000 products. Technical data, prices, and availabilities are available at any time. The shopping basket with check out function lets you place an order in seconds. Convenient additional functions like CSV upload, order history, reports, or custom order templates make your ordering processes even more efficient.



Order via the OCI interface

The Open Catalogue Interface (OCI) facilitates the exchange of data between your enterprise resource planning system and our eShop. This means that our eShop is integrated into your system via an OCI interface, so you have access to our complete product catalogue from your enterprise resource planning system. You can filter and select products, place them in your shopping basket and place direct orders without changing your software application. The open OCI standard is supported worldwide from a variety of software providers.



Order via the EDI interface

Our Electronic Data Interchange (EDI) also offers you the option of ordering our products directly from your enterprise resource planning system. All order data is transmitted automatically to our system and processed immediately. Orders, order confirmations, invoices, and delivery notices are transmitted lightning fast. This helps you make your purchasing processes even more efficient.



We will be glad to advise you on which solutions are suitable for you and how implementation is possible.

Get in touch with us

www.weidmueller.com/digital-order

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AAC 50-185 2X10 GN-YL	2663440000	B.18	AAP21 4 LI BL/OR	2582530000	B.117	AEB 35 SC/1	1991920000	A.64	AEB 35 SC/1 V0	2661280000	A.6
AAC 50-185 2X10 GN-YL	2663440000	B.19	AAP21 4 LI OR	2581700000	B.117	AEB 35 SC/1	1991920000	A.65	AEB 35 SC/1 V0	2661280000	A.7
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AAM 10 YE FLASH	2635580000	A.138	AAP22 4 LIFS 30-70V	2460140000	B.121	AEB 35 SC/1	1991920000	A.72	AEB 35 SC/1 V0	2661280000	A.14
AAM 16 YE FLASH	2635590000	A.138	AAP22 4 LIFS 60-150V	2460130000	B.121	AEB 35 SC/1	1991920000	A.73	AEB 35 SC/1 V0	2661280000	A.15
AAM 2.5 YE FLASH	2635550000	A.138	ADHB/B WTL35	2334730000	B.254	AEB 35 SC/1	1991920000	A.80	AEB 35 SC/1 V0	2661280000	A.16
AAM 35-185 YE FLASH	2635600000	A.40	ADHB/B WTL35	2334730000	B.255	AEB 35 SC/1	1991920000	A.81	AEB 35 SC/1 V0	2661280000	A.17
AAM 35-185 YE FLASH	2635600000	A.41	ADP 1/HP1 1M	0485200000	C.16	AEB 35 SC/1	1991920000	A.82	AEB 35 SC/1 V0	2661280000	A.18
AAM 35-185 YE FLASH	2635600000	A.42	ADP 2/HP2 1M	0485300000	C.16	AEB 35 SC/1	1991920000	A.83	AEB 35 SC/1 V0	2661280000	A.20
AAM 35-185 YE FLASH	2635600000	A.43	ADP 3/HP3 1M	0485400000	C.16	AEB 35 SC/1	1991920000	A.84	AEB 35 SC/1 V0	2661280000	A.21
AAM 35-185 YE FLASH	2635600000	A.69	ADP 4/1000	1430760000	C.16	AEB 35 SC/1	1991920000	A.85	AEB 35 SC/1 V0	2661280000	A.22
AAM 35-185 YE FLASH	2635600000	A.70	ADP 4/300	1378180000	C.16	AEB 35 SC/1	1991920000	A.86	AEB 35 SC/1 V0	2661280000	A.23
AAM 35-185 YE FLASH	2635600000	B.8	ADP WF10/WF12	1780940000	A.400	AEB 35 SC/1	1991920000	A.87	AEB 35 SC/1 V0	2661280000	A.26
AAM 35-185 YE FLASH	2635600000	B.9	ADP WF10/WF12	1780940000	A.401	AEB 35 SC/1	1991920000	A.88	AEB 35 SC/1 V0	2661280000	A.27
AAM 35-185 YE FLASH	2635600000	B.10	ADP WF10/WF12	1780940000	A.402	AEB 35 SC/1	1991920000	A.89	AEB 35 SC/1 V0	2661280000	A.28
AAM 35-185 YE FLASH	2635600000	B.11	ADP WF10/WF12	1780940000	A.403	AEB 35 SC/1	1991920000	A.90	AEB 35 SC/1 V0	2661280000	A.29
AAM 35-185 YE FLASH	2635600000	B.12	ADP WF6/WF8	1780930000	A.398	AEB 35 SC/1	1991920000	A.91	AEB 35 SC/1 V0	2661280000	A.30
AAM 35-185 YE FLASH	2635600000	B.16	ADP WF6/WF8	1780930000	A.399	AEB 35 SC/1	1991920000	A.92	AEB 35 SC/1 V0	2661280000	A.31
AAM 35-185 YE FLASH	2635600000	B.17	ADP WF6/WF8	1780930000	A.400	AEB 35 SC/1	1991920000	A.93	AEB 35 SC/1 V0	2661280000	A.32
AAM 35-185 YE FLASH	2635600000	B.18	ADT 1.5 2C	2918260000	A.80	AEB 35 SC/1	1991920000	A.94	AEB 35 SC/1 V0	2661280000	A.33
AAM 35-185 YE FLASH	2635600000	B.19	ADT 1.5 2C BL	2941210000	A.80	AEB 35 SC/1	1991920000	A.95	AEB 35 SC/1 V0	2661280000	A.34
AAM 35-185 YE FLASH	2635600000	B.20	ADT 1.5 3C	2918270000	A.80	AEB 35 SC/1	1991920000	A.96	AEB 35 SC/1 V0	2661280000	A.35
AAM 35-185 YE FLASH	2635600000	B.21	ADT 1.5 3C BL	2941220000	A.80	AEB 35 SC/1	1991920000	A.97	AEB 35 SC/1 V0	2661280000	A.36
AAM 35-185 YE FLASH	2635600000	B.22	ADT 1.5 4C	2918280000	A.81	AEB 35 SC/1	1991920000	A.98	AEB 35 SC/1 V0	2661280000	A.37
AAM 35-185 YE FLASH	26356000										

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
AEB 35 SCL/1 VO	2661280000	A.48	AEB 35 SCL/1 VO	2661280000	B.197	AEP 2T 2.5	1547690000	A.46	AEP AP14	1988340000	B.112
AEB 35 SCL/1 VO	2661280000	A.49	AEB 35 SCL/1 VO	2661280000	B.198	AEP 2T 2.5	1547690000	A.47	AEP AP14	1988340000	B.113
AEB 35 SCL/1 VO	2661280000	A.50	AEB 35 SCL/1 VO	2661280000	B.199	AEP 2T 2.5	1547690000	A.48	AEP AP21	2429020000	B.116
AEB 35 SCL/1 VO	2661280000	A.51	AEB 35 SCL/1 VO	2661280000	B.213	AEP 2T 2.5	1547690000	A.49	AEP AP21	2429020000	B.117
AEB 35 SCL/1 VO	2661280000	A.52	AEB 35 SCL/1 VO	2661280000	B.218	AEP 2T 2.5	1547690000	A.71	AEP AP21	2429020000	B.118
AEB 35 SCL/1 VO	2661280000	A.53	AEB 35 SCL/1 VO	2661280000	B.220	AEP 2T 2.5	1547690000	A.98	AEP AP22	2429040000	B.120
AEB 35 SCL/1 VO	2661280000	A.54	AEB 35 SCL/1 VO	2661280000	B.222	AEP 2T 2.5	1547690000	A.99	AEP AP22	2429040000	B.121
AEB 35 SCL/1 VO	2661280000	A.55	AEB 35 SCL/1 VO	2661280000	B.226	AEP 2T 2.5	1547690000	A.114	AEP DT 1.5 4C	2918300000	A.81
AEB 35 SCL/1 VO	2661280000	A.56	AEB 35 SCL/1 VO	2661280000	B.280	AEP 2T 2.5	1547690000	A.115	AEP DT 2.5 2T	2744150000	A.88
AEB 35 SCL/1 VO	2661280000	A.57	AEB 35 SCL/1 VO	2661280000	B.281	AEP 2T 2.5	1547690000	A.116	AEP DT 2.5 2T BL	2744160000	A.88
AEB 35 SCL/1 VO	2661280000	A.58	AEB 35 SCL/1 VO	2661280000	B.284	AEP 2T 2.5	1547690000	A.117	AEP DT 2.5 3C	1989970000	A.83
AEB 35 SCL/1 VO	2661280000	A.60	AEB 35 SCL/1 VO	2661280000	B.285	AEP 2T 2.5 3C	2532690000	A.48	AEP DT 2.5 4C	1989980000	A.83
AEB 35 SCL/1 VO	2661280000	A.61	AEB 35 SCL/1 VO	2661280000	B.286	AEP 2T 2.5 3C	2532690000	A.72	AEP DT 2.5 4C	1989980000	A.84
AEB 35 SCL/1 VO	2661280000	A.62	AEB 35 SCL/1 VO	2661280000	B.287	AEP 2T 2.5 3C BL	2532700000	A.48	AEP I021	1993580000	B.130
AEB 35 SCL/1 VO	2661280000	A.63	AEB 35 SCL/1 VO	2661280000	B.288	AEP 2T 2.5 BL	1547700000	A.46	AEP I021	1993580000	B.131
AEB 35 SCL/1 VO	2661280000	A.64	AEB 35 SCL/1 VO	2661280000	B.289	AEP 2T 2.5 BL	1547700000	A.47	AEP I022	1993590000	B.131
AEB 35 SCL/1 VO	2661280000	A.65	AEB 35 SCL/1 VO	2661280000	B.290	AEP 2T 2.5 BL	1547700000	A.48	AEP I023	1993600000	B.131
AEB 35 SCL/1 VO	2661280000	A.66	AEB 35 SCL/1 VO	2661280000	B.291	AEP 2T 2.5 BL	1547700000	A.49	AEP ITB 16 BB 2C	2668840000	B.185
AEB 35 SCL/1 VO	2661280000	A.67	AEB 35 SCL/1 VO	2661280000	C.12	AEP 2T 2.5 BL	1547700000	A.98	AEP ITB 16 BB 2C	2668840000	B.187
AEB 35 SCL/1 VO	2661280000	A.68	AEB 35 SCL/1 VO BK	2661300000	A.139	AEP 2T 2.5 BL	1547700000	A.99	AEP ITB 16 BB 2C BL	2668850000	B.185
AEB 35 SCL/1 VO	2661280000	A.69	AEB 35 SCL/1 VO BK	2661300000	C.12	AEP 2T 4	2540000000	A.50	AEP ITB 16 BB NDT BL	2668860000	B.189
AEB 35 SCL/1 VO	2661280000	A.70	AEB 35 SCL/1 VO BK DL	2570250000	A.139	AEP 2T 4	2540000000	A.51	AEP ITB 2.5	2669060000	B.196
AEB 35 SCL/1 VO	2661280000	A.71	AEB 35 SCL/1 VO DL	2570240000	A.139	AEP 2T 4	2540000000	A.72	AEP ITB 2.5	2669060000	B.197
AEB 35 SCL/1 VO	2661280000	A.72	AEB 35 SCL/1 VO GY	2661290000	A.139	AEP 2T 4	2540000000	A.102	AEP ITB 2.5	2669060000	B.199
AEB 35 SCL/1 VO	2661280000	A.73	AEB 35 SCL/1 VO GY	2661290000	C.12	AEP 2T 4	2540000000	A.103	AEP ITB 2.5	2669060000	B.198
AEB 35 SCL/1 VO	2661280000	A.80	AEB 35 SCL/1 VO GY DL	2570260000	A.139	AEP 2T 4 BL	2540010000	A.50	AEP ITB 2.5 BB	2668960000	B.190
AEB 35 SCL/1 VO	2661280000	A.81	AEB ITB 16 BB BL	2669130000	B.184	AEP 2T 4 BL	2540010000	A.51	AEP ITB 2.5 BB	2668960000	B.191
AEB 35 SCL/1 VO	2661280000	A.82	AEB ITB 16 BB BL	2669130000	B.185	AEP 2T 4 BL	2540010000	A.102	AEP ITB 2.5 BB	2668960000	B.192
AEB 35 SCL/1 VO	2661280000	A.83	AEB ITB 16 BB BL	2669130000	B.186	AEP 2T 4 BL	2540010000	A.103	AEP ITB 2.5 BB	2668960000	B.193
AEB 35 SCL/1 VO	2661280000	A.84	AEB ITB 16 BB BL	2669130000	B.187	AEP 2T 4 FS	2817060000	A.78	AEP ITB 2.5 BB 2C	2668780000	B.184
AEB 35 SCL/1 VO	2661280000	A.85	AEB ITB 16 BB BL	2669130000	B.188	AEP 2T 4 FS	2817060000	A.79	AEP ITB 2.5 BB 2C	2668780000	B.186
AEB 35 SCL/1 VO	2661280000	A.86	AEB ITB 16 BB BL	2669130000	B.189	AEP 2T 4 FS	2817060000	A.89	AEP ITB 2.5 BB 2C BL	2668790000	B.184
AEB 35 SCL/1 VO	2661280000	A.87	AEB ITB 16 BB BL	2669130000	B.190	AEP 3C 1.5	1552620000	A.26	AEP ITB 2.5 BB NDT BL	2668800000	B.188
AEB 35 SCL/1 VO	2661280000	A.88	AEB ITB 16 BB BL	2669130000	B.191	AEP 3C 1.5	1552620000	A.60	AEP ITB 4 BB	2669110000	B.194
AEB 35 SCL/1 VO	2661280000	A.89	AEB ITB 16 BB BL	2669130000	B.192	AEP 3C 1.5	1552620000	A.80	AEP ITB 4 BB	2669110000	B.195
AEB 35 SCL/1 VO	2661280000	A.90	AEB ITB 16 BB BL	2669130000	B.193	AEP 3C 1.5	1552620000	A.91	AEP ITB 6 BB 2C	2668810000	B.184
AEB 35 SCL/1 VO	2661280000	A.91	AEB ITB 16 BB BL	2669130000	B.194	AEP 3C 1.5 BL	1552630000	A.26	AEP ITB 6 BB 2C	2668810000	B.186
AEB 35 SCL/1 VO	2661280000	A.92	AEB ITB 16 BB BL	2669130000	B.195	AEP 3C 1.5 BL	1552630000	A.91	AEP ITB 6 BB 2C BL	2668820000	B.184
AEB 35 SCL/1 VO	2661280000	A.93	AEB ITB 16 BB BL	2669130000	B.196	AEP 3C 10/16	2490530000	A.33	AEP ITB 6 BB NDT BL	2668830000	B.188
AEB 35 SCL/1 VO	2661280000	A.94	AEB ITB 16 BB BL	2669130000	B.197	AEP 3C 10/16	2490530000	A.34	AEP MC 2.5	2433820000	A.58
AEB 35 SCL/1 VO	2661280000	A.95	AEB ITB 16 BB BL	2669130000	B.198	AEP 3C 10/16	2490530000	A.65	AEP MC 2.5	2433820000	B.96
AEB 35 SCL/1 VO	2661280000	A.96	AEB ITB 16 BB BL	2669130000	B.199	AEP 3C 10/16	2490530000	A.66	AEP PGTB 1.5 4C/2	2482510000	A.91
AEB 35 SCL/1 VO	2661280000	A.97	AEB ITB 2.5/4 BB BL	2690440000	B.184	AEP 3C 10/16 BL	2490540000	A.33	AEP PGTB 1.5 4C/2	2482510000	A.92
AEB 35 SCL/1 VO	2661280000	A.98	AEB ITB 2.5/4 BB BL	2690440000	B.185	AEP 3C 10/16 BL	2490540000	A.34	AEP PGTB 1.5 4C/2 BL	2482520000	A.91
AEB 35 SCL/1 VO	2661280000	A.99	AEB ITB 2.5/4 BB BL	2690440000	B.186	AEP 3C 2.5	1521510000	A.27	AEP PGTB 1.5 4C/4	2898180000	A.92
AEB 35 SCL/1 VO	2661280000	A.100	AEB ITB 2.5/4 BB BL	2690440000	B.187	AEP 3C 2.5	1521510000	A.61	AEP PGTB 1.5 4C/4	2898180000	A.93
AEB 35 SCL/1 VO	2661280000	A.101	AEB ITB 2.5/4 BB BL	2690440000	B.188	AEP 3C 2.5	1521510000	A.96	AEP PGTB 2.5 4C/2	1514450000	A.97
AEB 35 SCL/1 VO	2661280000	A.102	AEB ITB 2.5/4 BB BL	2690440000	B.189	AEP 3C 2.5 BL	1521520000	A.27	AEP PGTB 2.5 4C/2	1514450000	A.99
AEB 35 SCL/1 VO	2661280000	A.103	AEB ITB 2.5/4 BB BL	2690440000	B.190	AEP 3C 2.5 BL	1521520000	A.96	AEP PGTB 2.5 4C/4	2898190000	A.97
AEB 35 SCL/1 VO	2661280000	A.104	AEB ITB 2.5/4 BB BL	2690440000	B.191	AEP 3C 4	2051720000	A.29	AEP PGTB 2.5 4C/4	2898190000	A.98
AEB 35 SCL/1 VO	2661280000	A.114	AEB ITB 2.5/4 BB BL	2690440000	B.192	AEP 3C 4	2051720000	A.63	AEP PGTB 4 4C/2	2540210000	A.101
AEB 35 SCL/1 VO	2661280000	A.115	AEB ITB 2.5/4 BB BL	2690440000	B.193	AEP 3C 4	2051720000	A.84	AEP PGTB 4 4C/2	2540210000	A.102
AEB 35 SCL/1 VO	2661280000	A.116	AEB ITB 2.5/4 BB BL	2690440000	B.194	AEP 3C 4	2051720000	A.101	AEP PGTB 4 4C/2 BL	2540280000	A.101
AEB 35 SCL/1 VO	2661280000	A.117	AEB ITB 2.5/4 BB BL	2690440000	B.195	AEP 3C 4 BK	2486640000	A.75	AEP PGTB 4 4C/2 BL	2540280000	A.102
AEB 35 SCL/1 VO	2661280000	A.124	AEB ITB 2.5/4 BB BL	2690440000	B.196	AEP 3C 4 BK	2486640000	A.78	AEP TTB 6 PG	2762310000	B.226
AEB 35 SCL/1 VO	2661280000	A.139	AEB ITB 2.5/4 BB BL	2690440000	B.197	AEP 3C 4 BL	2051880000	A.29	AEP TTB 6 PG	2762310000	B.227
AEB 35 SCL/1 VO	2661280000	B.8	AEB ITB 2.5/4 BB BL	2690440000	B.198	AEP 3C 4 BL	2051880000	A.84	AFS 2.5 CF 2C 12V BK	2466610000	A.74
AEB 35 SCL/1 VO	2661280000	B.9	AEB ITB 2.5/4 BB BL	2690440000	B.199	AEP 3C 4 BL	2051880000	A.101	AFS 2.5 CF 2C 12V BK	2466610000	A.127
AEB 35 SCL/1 VO	2661280000	B.10	AEP 2C 1.5	1552600000	A.26	AEP 3C 6	1991940000	A.30	AFS 2.5 CF 2C 24V BK	2466600000	A.74
AEB 35 SCL/1 VO	2661280000	B.11	AEP 2C 1.5	1552600000	A.60	AEP 3C 6	1991940000	A.64	AFS 2.5 CF 2C 24V BK	2466600000	A.127
AEB 35 SCL/1 VO	2661280000	B.16	AEP 2C 1.5	1552600000	A.90	AEP 3C 6 BL	1991910000	A.30	AFS 2.5 CF 2C BK	2466530000	A.74
AEB 35 SCL/1 VO	2661280000	B.17	AEP 2C 1.5 BL	1552610000	A.26	AEP 3T 1.5	2816950000	A.54	AFS 2.5 CF 2C BK	2466530000	A.127
AEB 35 SCL/1 VO	2661280000	B.18	AEP 2C 1.5 BL	1552610000	A.90	AEP 3T 1.5	2816950000	A.55	AFS 4 2C 10-36V BK	2429870000	A.75
AEB 35 SCL/1 VO	2661280000	B.19	AEP 2C 10/16	2490380000	A.33	AEP 3T 1.5	2816950000	A.73	AFS 4 2C 100-250V BK	2434390000	A.75
AEB 35 SCL/1 VO	2661280000	B.20	AEP 2C 10/16	2490380000	A.34	AEP 3T 2.5	2428560000	A.46	AFS 4 2C 30-70V BK	2434350000	A.75
AEB 35 SCL/1 VO	2661280000	B.54	AEP 2C 10/16	2490380000	A.65	AEP 3T 2.5	2428560000	A.56	AFS 4 2C 60-150V BK	2434380000	A.75
AEB 35 SCL/1 VO	2661280000	B.96	AEP 2C 10/16	2490380000	B.281	AEP 3T 2.5	2428560000	A.57	AFS 4 2C BK	2429860000	A.75
AEB 35 SCL/1 VO	2661280000	B.104	AEP 2C 10/16 BL	2490390000	A.33	AEP 3T 2.5	2428560000	A.73	AFS 4 2C BK	2429860000	A.127
AEB 35 SCL/1 VO	2661280000	B.105	AEP 2C 10/16 BL	2490390000	A.34	AEP 3T 2.5 BL	2428860000	A.46	AFS 4 2C BK/BL	2548140000	A.76
AEB 35 SCL/1 VO	2661280000	B.106	AEP 2C 2.5	1514400000	A.27	AEP 3T 2.5 BL	2428860000	A.56	AH WDT 2.5 BT	1305230000	A.352
AEB 35 SCL/1 VO	2661280000	B.107	AEP 2C 2.5	1514400000	A.61	AEP 3T 2.5 BL	2428860000	A.57	AIO21 1.5 SI	1992260000	A.127
AEB 35 SCL/1 VO	2661280000	B.108	AEP 2C 2.5	1514400000	A.95	AEP 4C 1.5	1552640000	A.27	AIO21 1.5 SI	1992260000	B.130
AEB 35 SCL/1 VO	2661280000	B.109	AEP 2C 2.5	1514400000	A.124	AEP 4C 1.5	1552640000	A.61	AIO21 1.5 SI OR	2579610000	B.130
AEB 35 SCL/1 VO	2661280000	B.110	AEP 2C 2.5	1514400000	B.280	AEP 4C 1.5	1552640000	A.80	AIO21 1.5 SO	1992240000	A.127
AEB 35 SCL/1 VO	2661280000	B.111	AEP 2C 2.5 BL	1514420000	A.27	AEP 4C 1.5 BL	1552650000	A.27	AIO21 1.5 SO	1992240000	B.130
AEB 35 SCL/1 VO	2661280000	B.112	AEP 2C 2.5 BL	1514420000	A.95	AEP 4C 2.5	1521530000	A.28	AIO21 1.5 SO OR	2579570000	B.130
AEB 35 SCL/1 VO	2661280000	B.113	AEP 2C 2.5 BL	1514420000	A.124	AEP 4C 2.5	1521530000	A.62	AIO21 1.5 SO-PE	1992250000	A.127
AEB 35 SCL/1 VO	2661280000	B.114	AEP 2C 4	2051680000	A.28	AEP 4C 2.5	1521530000	A.81	AIO21 1.5 SO-PE	1992250000	B.131
AEB 35 SCL/1 VO	2661280000	B.115	AEP 2C 4	2051680000	A.62	AEP 4C 2.5	1521530000	A.82	AIO21 1.5 SO-PE OR	2579580000	B.131
AEB 35 SCL/1 VO											

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
AITB 2.5 LL-PE	2669010000	B.198	AL4C 2.5 BL	2847470000	A.37	AMC 2.5	2434340000	B.96	APG 2.5 MI	1513880000	A.110
AITB 2.5 LDT-L	2668980000	B.196	AL4C 2.5 BL	2847470000	A.141	AMC 2.5 800V	2434370000	A.58	APG 2.5 MI BL	1513900000	A.110
AITB 2.5 LDT-L W/O DTLV	2668990000	B.197	AL4C 2.5 BR	2847570000	A.141	AMC 2.5 800V	2434370000	B.96	APG 2.5 MI GN	1513930000	A.110
AITB 2.5 LDT-L-PE	2669040000	B.196	AL4C 2.5 DBL	2847480000	A.141	AMG PP	2123000000	B.127	APG 2.5 MI RD	2976170000	A.110
AITB 2.5 LDT-L-PE W/O DTLV	2669050000	B.197	AL4C 2.5 FE	2847580000	B.285	AP AK21.5	0340560000	A.262	APG 2.5 R	1513940000	A.95
AITB 2.5 NL-PE	2669020000	B.198	AL4C 2.5 GN	2847510000	A.141	AP AK21.5 BL	0340580000	A.262	APG 2.5 R	1513940000	A.96
AITB 2.5 NDT-L-PE	2669030000	B.197	AL4C 2.5 LTGY	2847560000	A.141	AP AK22.5	0697360000	A.264	APG 2.5 R	1513940000	A.97
AITB 4 BB L-L	2669070000	B.194	AL4C 2.5 OR	2847500000	A.141	AP AK22.5 BL	0697380000	A.264	APG 2.5 R	1513940000	A.98
AITB 4 BB L-L-PE	2669080000	B.194	AL4C 2.5 PE	2847610000	A.67	AP AK24	0294460000	A.266	APG 2.5 R	1513940000	A.99
AITB 4 BB N-L-PE	2669090000	B.195	AL4C 2.5 RD	2847490000	A.141	AP AK24	0294460000	A.266	APG 2.5 R	1513940000	A.110
AITB 4 BB NDT-L-PE	2669100000	B.195	AL4C 2.5 VT	2847520000	A.141	AP AK24 BL	0294480000	A.266	APG 2.5 R BL	1513950000	A.110
AITB 6 BB 2C	2668700000	B.184	AL4C 2.5 WT	2847540000	A.141	AP DL02.5/PE DB	1783800000	B.136	APG 2.5 R GN	1513980000	A.110
AITB 6 BB 2C BL	2668710000	B.184	AL4C 2.5 YL	2847550000	A.141	AP DL12.5 DB	1783550000	B.136	APG 2.5 R RD	2976180000	A.110
AITB 6 BB 2C PE	2668720000	B.186	AL4C 4	2847730000	A.39	AP DL12.5 DB	1783550000	B.137	APG 2.5 R	1513720000	A.95
AITB 6 BB NDT BL	2668730000	B.188	AL4C 4	2847730000	A.141	AP DL12.5 DB	1783550000	B.138	APG 2.5/1	1513720000	A.96
AKE 2.5	1303360000	A.295	AL4C 4 BK	28472170000	A.141	AP DL12.5 DB	1783550000	B.139	APG 2.5/1	1513720000	A.97
AKE 4	0380260000	A.296	AL4C 4 BL	2872110000	A.39	AP KDKS1 DB	9532470000	A.327	APG 2.5/1	1513720000	A.98
AKZ 1.5	0340460000	A.282	AL4C 4 BL	2872110000	A.141	AP KDKS1 DB	9532470000	A.328	APG 2.5/1	1513720000	A.99
AKZ 1.5 BL	0340480000	A.282	AL4C 4 BR	2872210000	A.141	AP MAK2.5 DB	7917000000	A.293	APG 2.5/1	1513720000	A.106
AKZ 2.5	0697160000	A.264	AL4C 4 DBL	2872120000	A.141	AP MAK2.5 DB	7917000000	B.99	APG 2.5/10	1513770000	A.95
AKZ 2.5 BL	0697180000	A.264	AL4C 4 FE	2872220000	B.286	AP VLI1.5 DB	1784150000	A.293	APG 2.5/10	1513770000	A.96
AKZ 4	0294360000	A.266	AL4C 4 GN	2872150000	A.141	AP VLI1.5 DB	1784150000	B.99	APG 2.5/10	1513770000	A.97
AL2C 4 BL	0294380000	A.266	AL4C 4 LTGY	2872200000	A.141	AP WMF2.5	1142990000	B.170	APG 2.5/10	1513770000	A.98
AL2C 2.5	2847200000	A.36	AL4C 4 OR	2872140000	A.141	AP WMF2.5	1142990000	B.171	APG 2.5/10	1513770000	A.99
AL2C 2.5	2847200000	A.141	AL4C 4 PE	2847770000	A.68	AP WMF2.5	1142990000	B.172	APG 2.5/10	1513770000	A.106
AL2C 2.5 BK	2847270000	A.141	AL4C 4 RD	2872130000	A.141	AP WMF2.5	1142990000	B.173	APG 2.5/10-9BG-GN	2712810000	A.108
AL2C 2.5 BL	2847210000	A.36	AL4C 4 VT	2872160000	A.141	AP WMF2.5	1142990000	B.174	APG 2.5/2	1513640000	A.106
AL2C 2.5 BL	2847210000	A.141	AL4C 4 WT	2872180000	A.141	AP WMF2.5	1142990000	B.175	APG 2.5/3	1513650000	A.106
AL2C 2.5 BR	2847310000	A.141	AL4C 4 YL	2872190000	A.141	AP WMF2.5	1142990000	B.178	APG 2.5/3-2BG-GN	2712740000	A.106
AL2C 2.5 DBL	2847220000	A.141	ALDT 2.5 2C	2898660000	A.85	AP ZTR2.5	1745420000	A.216	APG 2.5/3-BG-BL-GN	1513820000	A.108
AL2C 2.5 FE	2847320000	B.284	ALDT 2.5 2C BL	2898670000	A.85	AP ZRV1.5 DB	1698180000	A.228	APG 2.5/4	1513670000	A.106
AL2C 2.5 GN	2847250000	A.141	ALDT 2.5 2C W/O DTLV	2898680000	A.85	AP ZRV2.5	1906980000	A.229	APG 2.5/4-3BG-GN	1513790000	A.108
AL2C 2.5 LTGY	2847300000	A.141	ALDT 2.5 2C W/O DTLV BL	2898690000	A.85	APG 1.5 L	2482250000	A.90	APG 2.5/5	1513680000	A.106
AL2C 2.5 OR	2847240000	A.141	ALDT 2.5 3C	2898700000	A.85	APG 1.5 L	2482250000	A.91	APG 2.5/5-3BG-BL-GN	1513780000	A.106
AL2C 2.5 PE	2847590000	A.66	ALDT 2.5 3C BL	2898710000	A.85	APG 1.5 L	2482250000	A.92	APG 2.5/5-4BG-GN	2712760000	A.108
AL2C 2.5 RD	2847230000	A.141	ALDT 2.5 4C	2898720000	A.86	APG 1.5 L	2482250000	A.93	APG 2.5/6	1513690000	A.106
AL2C 2.5 VT	2847260000	A.141	ALDT 2.5 4C BL	2898730000	A.86	APG 1.5 L	2482250000	A.94	APG 2.5/6-5BG-GN	2712770000	A.106
AL2C 2.5 WT	2847280000	A.141	ALDT 2C	2898740000	A.86	APG 1.5 L	2482250000	A.110	APG 2.5/7	1513700000	A.106
AL2C 2.5 YL	2847290000	A.141	ALDT 4 2C BL	2898750000	A.86	APG 1.5 L BL	2482260000	A.110	APG 2.5/7-6BG-GN	2712780000	A.108
AL2C 4	2847710000	A.38	ALDT 4 2C W/O DTLV	2898760000	A.87	APG 1.5 L GN	2482270000	A.110	APG 2.5/8	1513730000	A.106
AL2C 4	2847710000	A.141	ALDT 4 2C W/O DTLV BL	2898770000	A.87	APG 1.5 MI	2482280000	A.90	APG 2.5/8-7BG-GN	2712790000	A.106
AL2C 4 BK	2871930000	A.141	ALEP 2C 2.5	2871750000	A.36	APG 1.5 MI	2482280000	A.91	APG 2.5/9	1513740000	A.108
AL2C 4 BL	2871870000	A.38	ALEP 2C 2.5	2871750000	A.66	APG 1.5 MI	2482280000	A.92	APG 4 L	2540360000	A.100
AL2C 4 BL	2871870000	A.141	ALEP 2C 2.5	2871750000	B.284	APG 1.5 MI	2482280000	A.93	APG 4 L	2540360000	A.101
AL2C 4 BR	2871970000	A.141	ALEP 2C 2.5 BL	2871760000	A.36	APG 1.5 MI	2482280000	A.94	APG 4 L	2540360000	A.102
AL2C 4 DBL	2871880000	A.141	ALEP 2C 2.5 BL	2871760000	B.284	APG 1.5 MI BL	2482290000	A.110	APG 4 L	2540360000	A.103
AL2C 4 FE	2871980000	B.285	ALEP 2C 4	2871810000	A.38	APG 1.5 MI BL	2482290000	A.110	APG 4 L	2540360000	A.110
AL2C 4 GN	2871910000	A.141	ALEP 2C 4	2871810000	A.67	APG 1.5 MI GN	2482300000	A.110	APG 4 L BL	2540560000	A.110
AL2C 4 LTGY	2871960000	A.141	ALEP 2C 4	2871810000	B.285	APG 1.5 R	2482310000	A.90	APG 4 L GN	2540570000	A.110
AL2C 4 OR	2871900000	A.141	ALEP 2C 4 BL	2871820000	A.38	APG 1.5 R	2482310000	A.91	APG 4 MI	2540580000	A.100
AL2C 4 PE	2847740000	A.67	ALEP 2C 4 BL	2871820000	B.285	APG 1.5 R	2482310000	A.92	APG 4 MI	2540580000	A.101
AL2C 4 RD	2871890000	A.141	ALEP 2T 2.5	2848010000	A.51	APG 1.5 R	2482310000	A.93	APG 4 MI	2540580000	A.102
AL2C 4 VT	2871920000	A.141	ALEP 2T 2.5	2848010000	A.52	APG 1.5 R	2482310000	A.94	APG 4 MI	2540580000	A.103
AL2C 4 WT	2871940000	A.141	ALEP 2T 2.5	2848010000	A.71	APG 1.5 R	2482310000	A.110	APG 4 MI	2540580000	A.110
AL2C 4 YL	2871950000	A.141	ALEP 2T 4	2848080000	A.53	APG 1.5 R BL	2482320000	A.110	APG 4 MI BL	2540590000	A.110
AL2T 2.5	2847620000	A.51	ALEP 2T 4	2848080000	A.71	APG 1.5 R GN	2482330000	A.110	APG 4 MI GN	2540600000	A.110
AL2T 2.5 BL	2938210000	A.51	ALEP 3C 2.5	2871770000	A.36	APG 1.5/1	2482340000	A.90	APG 4 R	2540610000	A.100
AL2T 2.5 FT-PE	2847640000	A.52	ALEP 3C 2.5	2871770000	A.67	APG 1.5/1	2482340000	A.91	APG 4 R	2540610000	A.101
AL2T 2.5 PE	2847650000	A.71	ALEP 3C 2.5	2871770000	B.284	APG 1.5/1	2482340000	A.92	APG 4 R	2540610000	A.102
AL2T 2.5 VL	2847630000	A.52	ALEP 3C 2.5 BL	2871780000	A.36	APG 1.5/1	2482340000	A.93	APG 4 R	2540610000	A.103
AL2T 4	2847780000	A.53	ALEP 3C 2.5 BL	2871780000	B.284	APG 1.5/1	2482340000	A.94	APG 4 R	2540610000	A.110
AL2T 4 FT-PE	2847800000	A.53	ALEP 3C 4	2871830000	A.38	APG 1.5/1	2482340000	A.106	APG 4 R BL	2540620000	A.110
AL2T 4 PE	2847810000	A.71	ALEP 3C 4	2871830000	A.68	APG 1.5/10	2482340000	A.90	APG 4 R GN	2540630000	A.110
AL2T 4 VL	2847790000	A.53	ALEP 3C 4	2871830000	B.285	APG 1.5/10	2482340000	A.91	APG 4/1	2540460000	A.100
AL3C 2.5	2847330000	A.36	ALEP 3C 4 BL	2871840000	A.38	APG 1.5/10	2482340000	A.92	APG 4/1	2540460000	A.101
AL3C 2.5	2847330000	A.141	ALEP 3C 4 BL	2871840000	A.68	APG 1.5/10	2482340000	A.93	APG 4/1	2540460000	A.102
AL3C 2.5 BK	2847400000	A.141	ALEP 3C 4 BL	2871840000	B.285	APG 1.5/10	2482340000	A.94	APG 4/1	2540460000	A.103
AL3C 2.5 BL	2847340000	A.36	ALEP 3C 4 BL	2871840000	B.285	APG 1.5/10	2482340000	A.106	APG 4/1	2540460000	A.106
AL3C 2.5 BL	2847340000	A.141	ALEP 3C 4 BL	2871840000	B.285	APG 1.5/10-9BG-GN	2719830000	A.108	APG 4/10	2540550000	A.100
AL3C 2.5 BR	2847440000	A.141	ALEP 3C 4 BL	2871840000	B.285	APG 1.5/2	2482350000	A.106	APG 4/10	2540550000	A.101
AL3C 2.5 DBL	2847350000	A.141	ALEP 3C 4 BL	2871840000	A.37	APG 1.5/3	2482360000	A.106	APG 4/10	2540550000	A.102
AL3C 2.5 FE	2847450000	B.284	ALEP 3C 4 BL	2871840000	B.285	APG 1.5/3-2BG-GN	2719740000	A.108	APG 4/10	2540550000	A.103
AL3C 2.5 GN	2847380000	A.141	ALEP 3C 4 BL	2871840000	B.285	APG 1.5/3-BG-BL-GN	2482460000	A.106	APG 4/10	2540550000	A.107
AL3C 2.5 LTGY	2847430000	A.141	ALEP 3C 4	2871850000	A.39	APG 1.5/4	2482370000	A.106	APG 4/2	2540470000	A.107
AL3C 2.5 OR	2847370000	A									

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
APG 6/3 MBB	2762340000	B.227	APGTB 1.5 PE 4C/4	2898140000	A.93	ATPG 1.5-10 L	1991890000	A.20	ATPG 1.5-10 L	1991890000	B.198
APG 6/3 MBB	2762340000	B.230	APGTB 2.5 2T 4C/2	1548060000	A.98	ATPG 1.5-10 L	1991890000	A.21	ATPG 1.5-10 L	1991890000	B.199
APG 6/4	2829060000	A.107	APGTB 2.5 2T 4C/2	1548060000	A.127	ATPG 1.5-10 L	1991890000	A.22	ATPG 1.5-10 L	1991890000	B.213
APG 6/4	2829060000	B.227	APGTB 2.5 2T 4C/2 BL	1548070000	A.98	ATPG 1.5-10 L	1991890000	A.23	ATPG 1.5-10 L	1991890000	B.280
APG 6/5	2882700000	A.107	APGTB 2.5 2T FT-PE 4C/2	1548130000	A.99	ATPG 1.5-10 L	1991890000	A.26	ATPG 1.5-10 L	1991890000	B.281
APG 6/6	2882710000	A.107	APGTB 2.5 2T PE 4C/2	1548160000	A.99	ATPG 1.5-10 L	1991890000	A.27	ATPG 1.5-10 L	1991890000	B.284
APG 6/7	2882720000	A.107	APGTB 2.5 2T PE 4C/2	1548160000	A.127	ATPG 1.5-10 L	1991890000	A.28	ATPG 1.5-10 L	1991890000	B.285
APG 6/8	2882730000	A.107	APGTB 2.5 2T VL 4C/2	1548140000	A.99	ATPG 1.5-10 L	1991890000	A.29	ATPG 1.5-10 L	1991890000	B.286
APG 6/9	2882740000	A.107	APGTB 2.5 2T VL 4C/2 BL	1548150000	A.99	ATPG 1.5-10 L	1991890000	A.30	ATPG 1.5-10 L	1991890000	B.287
APGCE	1514490000	A.106	APGTB 2.5 FT 2C/1	1513970000	A.95	ATPG 1.5-10 L	1991890000	A.31	ATPG 1.5-10 L	1991890000	B.288
APGCE	1514490000	A.107	APGTB 2.5 FT 2C/1	1513970000	A.127	ATPG 1.5-10 L	1991890000	A.32	ATPG 1.5-10 L	1991890000	B.289
APGCE	1514490000	A.108	APGTB 2.5 FT 2C/1 BL	1513990000	A.95	ATPG 1.5-10 L	1991890000	A.34	ATPG 1.5-10 L	1991890000	B.290
APGCE	1514490000	A.111	APGTB 2.5 FT 3C/1	1514000000	A.96	ATPG 1.5-10 L	1991890000	A.35	ATPG 1.5-10 L	1991890000	B.291
APGCE	1514490000	A.352	APGTB 2.5 FT 3C/1	1514000000	A.127	ATPG 1.5-10 L	1991890000	A.36	ATPG 10 MR	1991870000	A.33
APGCE	1514490000	A.353	APGTB 2.5 FT 3C/1 BL	1514020000	A.96	ATPG 1.5-10 L	1991890000	A.37	ATPG 10 MR	1991870000	A.137
APGCE	1514490000	A.356	APGTB 2.5 FT 4C/2	1514030000	A.97	ATPG 1.5-10 L	1991890000	A.38	ATPG 2.5 MR	1991960000	A.6
APGCE	1514490000	B.226	APGTB 2.5 FT 4C/2	1514030000	A.127	ATPG 1.5-10 L	1991890000	A.39	ATPG 2.5 MR	1991960000	A.7
APGCE	1514490000	B.231	APGTB 2.5 FT 4C/2 BL	1514040000	A.97	ATPG 1.5-10 L	1991890000	A.40	ATPG 2.5 MR	1991960000	A.10
APGLE 1.5	2482720000	A.106	APGTB 2.5 FT 4C/4	2898150000	A.97	ATPG 1.5-10 L	1991890000	A.41	ATPG 2.5 MR	1991960000	A.11
APGLE 1.5	2482720000	A.108	APGTB 2.5 FT 4C/4 BL	2898160000	A.97	ATPG 1.5-10 L	1991890000	A.42	ATPG 2.5 MR	1991960000	A.12
APGLE 1.5	2482720000	A.111	APGTB 2.5 PE 2C/1	1513870000	A.95	ATPG 1.5-10 L	1991890000	A.43	ATPG 2.5 MR	1991960000	A.13
APGLE 2.5/4	2457570000	A.106	APGTB 2.5 PE 2C/1	1513870000	A.127	ATPG 1.5-10 L	1991890000	A.44	ATPG 2.5 MR	1991960000	A.14
APGLE 2.5/4	2457570000	A.107	APGTB 2.5 PE 3C/1	1513890000	A.96	ATPG 1.5-10 L	1991890000	A.45	ATPG 2.5 MR	1991960000	A.15
APGLE 2.5/4	2457570000	A.108	APGTB 2.5 PE 3C/1	1513890000	A.127	ATPG 1.5-10 L	1991890000	A.46	ATPG 2.5 MR	1991960000	A.16
APGLE 2.5/4	2457570000	A.111	APGTB 2.5 PE 4C/2	1513920000	A.97	ATPG 1.5-10 L	1991890000	A.47	ATPG 2.5 MR	1991960000	A.18
APGLE 2.5/4	2457570000	A.352	APGTB 2.5 PE 4C/2	1513920000	A.127	ATPG 1.5-10 L	1991890000	A.48	ATPG 2.5 MR	1991960000	A.20
APGLE 2.5/4	2457570000	A.353	APGTB 2.5 PE 4C/4	2898170000	A.98	ATPG 1.5-10 L	1991890000	A.49	ATPG 2.5 MR	1991960000	A.21
APGLE 2.5/4	2457570000	A.356	APGTB 4 2T 4C/2	2540230000	A.102	ATPG 1.5-10 L	1991890000	A.50	ATPG 2.5 MR	1991960000	A.22
APGLE 6	2762400000	A.107	APGTB 4 2T 4C/2 BL	2540250000	A.102	ATPG 1.5-10 L	1991890000	A.51	ATPG 2.5 MR	1991960000	A.27
APGLE 6	2762400000	A.111	APGTB 4 2T FT-PE 4C/2	2540290000	A.103	ATPG 1.5-10 L	1991890000	A.52	ATPG 2.5 MR	1991960000	A.28
APGLE 6	2762400000	B.226	APGTB 4 2T PE 4C/2	2540300000	A.103	ATPG 1.5-10 L	1991890000	A.53	ATPG 2.5 MR	1991960000	A.36
APGLE 6	2762400000	B.231	APGTB 4 2T VL 4C/2	2540280000	A.103	ATPG 1.5-10 L	1991890000	A.54	ATPG 2.5 MR	1991960000	A.37
APGPC 1.5	2482530000	A.106	APGTB 4 2T VL 4C/2 BL	2540270000	A.103	ATPG 1.5-10 L	1991890000	A.55	ATPG 2.5 MR	1991960000	A.46
APGPC 1.5	2482530000	A.108	APGTB 4 FT 2C/1	2540050000	A.100	ATPG 1.5-10 L	1991890000	A.56	ATPG 2.5 MR	1991960000	A.47
APGPC 1.5	2482530000	A.111	APGTB 4 FT 2C/1 BL	2540060000	A.100	ATPG 1.5-10 L	1991890000	A.57	ATPG 2.5 MR	1991960000	A.48
APGPC 2.5	1514500000	A.106	APGTB 4 FT 3C/1	2540070000	A.101	ATPG 1.5-10 L	1991890000	A.60	ATPG 2.5 MR	1991960000	A.49
APGPC 2.5	1514500000	A.108	APGTB 4 FT 3C/1 BL	2540080000	A.101	ATPG 1.5-10 L	1991890000	A.61	ATPG 2.5 MR	1991960000	A.51
APGPC 2.5	1514500000	A.111	APGTB 4 FT 4C/2	2540090000	A.101	ATPG 1.5-10 L	1991890000	A.62	ATPG 2.5 MR	1991960000	A.52
APGPC 4	2540960000	A.107	APGTB 4 FT 4C/2 BL	2540100000	A.101	ATPG 1.5-10 L	1991890000	A.63	ATPG 2.5 MR	1991960000	A.53
APGPC 4	2540960000	A.111	APGTB 4 PE 2C/1	2540110000	A.100	ATPG 1.5-10 L	1991890000	A.64	ATPG 2.5 MR	1991960000	A.56
APGPC 6	2762410000	A.107	APGTB 4 PE 3C/1	2540170000	A.101	ATPG 1.5-10 L	1991890000	A.65	ATPG 2.5 MR	1991960000	A.57
APGPC 6	2762410000	A.111	APGTB 4 PE 4C/2	2540180000	A.102	ATPG 1.5-10 L	1991890000	A.66	ATPG 2.5 MR	1991960000	A.61
APGPC 6	2762410000	B.226	APGTB 6 FT 2C/1	3002280000	A.104	ATPG 1.5-10 L	1991890000	A.67	ATPG 2.5 MR	1991960000	A.62
APGPC 6	2762410000	B.230	APGTB 6 PE 2C/1	3002340000	A.104	ATPG 1.5-10 L	1991890000	A.68	ATPG 2.5 MR	1991960000	A.63
APGSR 1.5	2482730000	A.106	APP 1	2488970000	A.127	ATPG 1.5-10 L	1991890000	A.69	ATPG 2.5 MR	1991960000	A.66
APGSR 1.5	2482730000	A.108	APP 2	2489090000	A.127	ATPG 1.5-10 L	1991890000	A.70	ATPG 2.5 MR	1991960000	A.67
APGSR 1.5	2482730000	A.110	APP 3	2489100000	A.127	ATPG 1.5-10 L	1991890000	A.71	ATPG 2.5 MR	1991960000	A.68
APGSR 1.5-4P	2482740000	A.106	APP 4	2489110000	A.127	ATPG 1.5-10 L	1991890000	A.72	ATPG 2.5 MR	1991960000	A.71
APGSR 1.5-4P	2482740000	A.108	APP ITB 16 BB 2C/NDT BL	2668890000	B.185	ATPG 1.5-10 L	1991890000	A.73	ATPG 2.5 MR	1991960000	A.72
APGSR 1.5-4P	2482740000	A.110	APP ITB 16 BB 2C/NDT BL	2668890000	B.187	ATPG 1.5-10 L	1991890000	A.80	ATPG 2.5 MR	1991960000	A.73
APGSR 1.5-8P	2482750000	A.106	APP ITB 16 BB 2C/NDT BL	2668890000	B.189	ATPG 1.5-10 L	1991890000	A.81	ATPG 2.5 MR	1991960000	A.81
APGSR 1.5-8P	2482750000	A.108	APP ITB 2.5 BB 2C/NDT BL	2668870000	B.184	ATPG 1.5-10 L	1991890000	A.82	ATPG 2.5 MR	1991960000	A.82
APGSR 1.5-8P	2482750000	A.110	APP ITB 2.5 BB 2C/NDT BL	2668870000	B.186	ATPG 1.5-10 L	1991890000	A.83	ATPG 2.5 MR	1991960000	A.83
APGSR 2.5/4	2457580000	A.106	APP ITB 2.5 BB 2C/NDT BL	2668870000	B.188	ATPG 1.5-10 L	1991890000	A.84	ATPG 2.5 MR	1991960000	A.84
APGSR 2.5/4	2457580000	A.107	APP ITB 2.5 BB BL	2668970000	B.190	ATPG 1.5-10 L	1991890000	A.85	ATPG 2.5 MR	1991960000	A.85
APGSR 2.5/4	2457580000	A.108	APP ITB 2.5 BB BL	2668970000	B.191	ATPG 1.5-10 L	1991890000	A.86	ATPG 2.5 MR	1991960000	A.86
APGSR 2.5/4	2457580000	A.110	APP ITB 2.5 BB BL	2668970000	B.192	ATPG 1.5-10 L	1991890000	A.87	ATPG 2.5 MR	1991960000	A.88
APGSR 2.5/4	2457580000	A.352	APP ITB 2.5 BB BL	2668970000	B.193	ATPG 1.5-10 L	1991890000	A.88	ATPG 2.5 MR	1991960000	A.124
APGSR 2.5/4	2457580000	A.353	APP ITB 2.5 BB BL VI	2881640000	B.190	ATPG 1.5-10 L	1991890000	A.89	ATPG 2.5 MR	1991960000	A.137
APGSR 2.5/4	2457580000	A.357	APP ITB 2.5 BB BL VI	2881640000	B.191	ATPG 1.5-10 L	1991890000	A.124	ATPG 2.5 MR	1991960000	B.184
APGSR 2.5/4-4P	2457590000	A.106	APP ITB 2.5 BB BL VI	2881640000	B.192	ATPG 1.5-10 L	1991890000	A.137	ATPG 2.5 MR	1991960000	B.186
APGSR 2.5/4-4P	2457590000	A.107	APP ITB 2.5 BB BL VI	2881640000	B.193	ATPG 1.5-10 L	1991890000	B.8	ATPG 2.5 MR	1991960000	B.188
APGSR 2.5/4-4P	2457590000	A.110	APP ITB 4 BB BL	2669120000	B.194	ATPG 1.5-10 L	1991890000	B.9	ATPG 2.5 MR	1991960000	B.190
APGSR 2.5/4-4P	2457590000	A.108	APP ITB 4 BB BL	2669120000	B.195	ATPG 1.5-10 L	1991890000	B.10	ATPG 2.5 MR	1991960000	B.191
APGSR 2.5/4-4P	2457590000	A.357	APP ITB 4 BB BL VI	2881650000	B.194	ATPG 1.5-10 L	1991890000	B.11	ATPG 2.5 MR	1991960000	B.192
APGSR 2.5/4-8P	2457600000	A.106	APP ITB 4 BB BL VI	2881650000	B.195	ATPG 1.5-10 L	1991890000	B.12	ATPG 2.5 MR	1991960000	B.193
APGSR 2.5/4-8P	2457600000	A.107	APP ITB 6 BB 2C/NDT BL	2668880000	B.184	ATPG 1.5-10 L	1991890000	B.16	ATPG 2.5 MR	1991960000	B.196
APGSR 2.5/4-8P	2457600000	A.108	APP ITB 6 BB 2C/NDT BL	2668880000	B.186	ATPG 1.5-10 L	1991890000	B.17	ATPG 2.5 MR	1991960000	B.197
APGSR 2.5/4-8P	2457600000	A.110	APP ITB 6 BB 2C/NDT BL	2668880000	B.188	ATPG 1.5-10 L	1991890000	B.18	ATPG 2.5 MR	1991960000	B.198
APGSR 6	2762390000	A.357	ASP 2T 2.5	2820650000	A.117	ATPG 1.5-10 L	1991890000	B.19	ATPG 2.5 MR	1991960000	B.199
APGSR 6	2762390000	A.107	ATPG 1.5 MHR	1991880000	A.26	ATPG 1.5-10 L	1991890000	B.20	ATPG 2.5 MR	1991960000	B.280
APGSR 6	2762390000	A.110	ATPG 1.5 MHR	1991880000	A.27	ATPG 1.5-10 L	1991890000	B.21	ATPG 2.5 MR	1991960000	B.284
APGSR 6	2762390000	B.226	ATPG 1.5 MHR	1991880000	A.44	ATPG 1.5-10 L	1991890000	B.24	ATPG 2.5 MR	1991960000	B.285
APGSR 6	2762390000	B.231	ATPG 1.5 MHR	1991880000	A.45	ATPG 1.5-10 L	1991890000	B.54	ATPG 2.5 MR	1991960000	B.286
APGTB 1.5 2T 4C/2	2485840000	A.93	ATPG 1.5 MHR	1991880000	A.54	ATPG 1.5-10 L	1991890000	B.104	ATPG 2.5/3	2041190000	A.6
APGTB 1.5 2T 4C/2	2485840000	A.127	ATPG 1.5 MHR	1991880000	A.55	ATPG 1.5-10 L	1991890000	B.105	ATPG 2.5/3	2041190000	A.7
APGTB 1.5 2T 4C/2 BL	2485850000	A.93	ATPG 1.5 MHR	1991880000	A.60	ATPG 1.5-10 L	1991890000	B.106	ATPG 2.5/3	2041190000	A.10
APGTB 1.5 2T FT-PE 4C/2	2485860000	A.94	ATPG 1.5 MHR	1991880000	A.61	ATPG 1.5-10 L	1991890000	B.107	ATPG 2.5/3	2041190000	A.11
APGTB 1.5 2T PE 4C/2	2485870000	A.94	ATPG 1.5 MHR	1991880000	A.70	ATPG 1.5-1					

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ATPG 2.5/3	2041190000	A.82
ATPG 2.5/3	2041190000	A.83
ATPG 2.5/3	2041190000	A.84
ATPG 2.5/3	2041190000	A.85
ATPG 2.5/3	2041190000	A.86
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ATPG 2.5/3	2041190000	B.193
ATPG 2.5/3	2041190000	B.280
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ATPG 2.5/3	2041190000	B.286
ATPG 2.5/5	2041180000	A.6
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BS 25 IH/GE SAKT1	0335600000	B.249
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Q 10 WDL2.5S	1071800000	B.210	S3C 2.5	2674540000	A.6	SDIL 0,6X3,5X100	2749140000	A.63	SDIS 0,6X3,5X100	2749810000	B.298
Q 10 WDL2.5S	1071800000	B.211	S3C 2.5 BL	2753950000	A.6	SDIL 0,6X3,5X100	2749140000	A.66	SDIS 1,0X5,5X125	2749850000	B.54
Q 2 AKZ1.5	0368200000	A.262	S3C 2.5 OR	2875130000	A.6	SDIL 0,6X3,5X100	2749140000	A.67	SDIS 1,0X5,5X125	2749850000	B.291
Q 2 AKZ1.5	0368200000	A.264	S3C 2.5 PE	2674570000	A.14	SDIL 0,6X3,5X100	2749140000	A.68	SDIS SLIM 0,6X3,5X100	2749610000	A.144
Q 2 AKZ1.5	0368200000	A.382	S3C 4	2874840000	A.8	SDIL 0,6X3,5X100	2749140000	A.71	SDIS SLIM 0,6X3,5X100	2749610000	A.145
Q 2 AKZ4	0336400000	A.266	S3C 4 BL	2874850000	A.8	SDIL 0,6X3,5X100	2749140000	A.72	SDIS SLIM 0,6X3,5X100	2749610000	A.146
Q 2 AKZ4	0336400000	A.382	S3C 4 OR	3023550000	A.8	SDIL 0,6X3,5X100	2749140000	A.73	SDIS SLIM 0,6X3,5X100	2749610000	A.147
Q 2 DU	1312500000	A.382	S3C 4 PE	2874890000	A.16	SDIL 0,6X3,5X100	2749140000	A.74	SDIS SLIM 0,6X3,5X100	2749610000	A.152
Q 2 DU	1312500000	B.136	S3T 2.5	2902530000	A.12	SDIL 0,6X3,5X100	2749140000	A.75	SDIS SLIM 0,6X3,5X100	2749610000	A.153
Q 2 DU	1312500000	B.137	S3T 2.5 BL	2902540000	A.12	SDIL 0,6X3,5X100	2749140000	A.76	SDIS SLIM 0,6X3,5X100	2749610000	A.154
Q 2 DU	1312500000	B.138	S3T 2.5 FT-FT-PE	2902550000	A.13	SDIL 0,6X3,5X100	2749140000	A.77	SDIS SLIM 0,6X3,5X100	2749610000	A.155
Q 2 DU	1312500000	B.139	S3T 2.5 N-FT-PE	2902560000	A.13	SDIL 0,6X3,5X100	2749140000	A.78	SDIS SLIM 0,6X3,5X100	2749610000	A.156
Q 2 WDL2.5S	1071500000	A.382	S3T 2.5 PE	2902590000	A.18	SDIL 0,6X3,5X100	2749140000	A.79	SDIS SLIM 0,6X3,5X100	2749610000	A.161
Q 2 WDL2.5S	1071500000	B.208	S3T 2.5 VL	2902570000	A.12	SDIL 0,6X3,5X100	2749140000	A.81	SDIS SLIM 0,6X3,5X100	2749610000	A.162
Q 2 WDL2.5S	1071500000	B.209	S3T 2.5 VL BL	2902580000	A.12	SDIL 0,6X3,5X100	2749140000	A.82	SDIS SLIM 0,6X3,5X100	2749610000	A.164
Q 2 WDL2.5S	1071500000	B.210	S4C 2.5	2674550000	A.7	SDIL 0,6X3,5X100	2749140000	A.83	SDIS SLIM 0,6X3,5X100	2749610000	A.165
Q 2 WDL2.5S	1071500000	B.211	S4C 2.5 BL	2753960000	A.7	SDIL 0,6X3,5X100	2749140000	A.84	SDIS SLIM 0,6X3,5X100	2749610000	A.168
Q 20 DU	1399800000	A.382	S4C 2.5 OR	2875140000	A.7	SDIL 0,6X3,5X100	2749140000	A.85	SDIS SLIM 0,6X3,5X100	2749610000	A.169
Q 20 WDL2.5S	1074200000	A.382	S4C 2.5 PE	2674580000	A.15	SDIL 0,6X3,5X100	2749140000	A.86	SDIS SLIM 0,6X3,5X100	2749610000	A.170
Q 20 WDL2.5S	1074200000	B.208	S4C 4	2874860000	A.9	SDIL 0,6X3,5X100	2749140000	A.87	SDIS SLIM 0,6X3,5X100	2749610000	A.171
Q 20 WDL2.5S	1074200000	B.209	S4C 4 BL	2874870000	A.9	SDIL 0,6X3,5X100	2749140000	A.88	SDIS SLIM 0,6X3,5X100	2749610000	A.173
Q 20 WDL2.5S	1074200000	B.210	S4C 4 OR	3023560000	A.9	SDIL 0,6X3,5X100	2749140000	A.89	SDIS SLIM 0,6X3,5X100	2749610000	A.174
Q 20 WDL2.5S	1074200000	B.211	S4C 4 PE	2874900000	A.17	SDIL 0,6X3,5X100	2749140000	A.95	SDIS SLIM 0,6X3,5X100	2749610000	A.176
Q 3 AKZ1.5	0368300000	A.382	SAKOB 6/10	2111230000	B.242	SDIL 0,6X3,5X100	2749140000	A.96	SDIS SLIM 0,6X3,5X100	2749610000	A.177
Q 3 AKZ4	0336500000	A.382	SAKOB 6/2	2615330000	B.242	SDIL 0,6X3,5X100	2749140000	A.97	SDIS SLIM 0,6X3,5X100	2749610000	A.178
Q 3 DU	1312600000	A.382	SAKOB 6/2	2615330000	B.243	SDIL 0,6X3,5X100	2749140000	A.98	SDIS SLIM 0,6X3,5X100	2749610000	A.179
Q 3 DU	1312600000	B.136	SAKOB 6/3	2615340000	B.242	SDIL 0,6X3,5X100	2749140000	A.99	SDIS SLIM 0,6X3,5X100	2749610000	A.180
Q 3 DU	1312600000	B.137	SAKOB 6/4	2615360000	B.242	SDIL 0,6X3,5X100	2749140000	A.100	SDIS SLIM 0,6X3,5X100	2749610000	A.181
Q 3 DU	1312600000	B.138	SAKOB 6/4	2615360000	B.243	SDIL 0,6X3,5X100	2749140000	A.101	SDIS SLIM 0,6X3,5X100	2749610000	A.182
Q 3 DU	1312600000	B.139	SAKOS 6/2	2111240000	B.242	SDIL 0,6X3,5X100	2749140000	A.102	SDIS SLIM 0,6X3,5X100	2749610000	A.183
Q 3 WDL2.5S	1071600000	A.382	SAKOS 6/2	2111240000	B.243	SDIL 0,6X3,5X100	2749140000	A.103	SDIS SLIM 0,6X3,5X100	2749610000	A.184
Q 3 WDL2.5S	1071600000	B.208	SAKOS 6/4	2111670000	B.242	SDIL 0,6X3,5X100	2749140000	A.104	SDIS SLIM 0,6X3,5X100	2749610000	A.185
Q 3 WDL2.5S	1071600000	B.209	SAKOS 6/4	2111670000	B.243	SDIL 0,6X3,5X100	2749140000	A.114	SDIS SLIM 0,6X3,5X100	2749610000	A.186
Q 3 WDL2.5S	1071600000	B.210	SCCB TT8 6/2	2710190000	B.218	SDIL 0,6X3,5X100	2749140000	A.115	SDIS SLIM 0,6X3,5X100	2749610000	A.190
Q 3 WDL2.5S	1071600000	B.211	SCCB TT8 6/2	2710190000	B.219	SDIL 0,6X3,5X100	2749140000	A.116	SDIS SLIM 0,6X3,5X100	2749610000	A.191
Q 4 AKZ1.5	0368400000	A.382	SCCB TT8 6/2	2710190000	B.220	SDIL 0,6X3,5X100	2749140000	A.117	SDIS SLIM 0,6X3,5X100	2749610000	A.192
Q 4 AKZ4	0336600000	A.382	SCCB TT8 6/2	2710190000	B.221	SDIL 0,6X3,5X100	2749140000	A.124	SDIS SLIM 0,6X3,5X100	2749610000	A.194
Q 4 DU	1312700000	A.382	SCCB TT8 6/2	2710190000	B.222	SDIL 0,6X3,5X100	2749140000	B.96	SDIS SLIM 0,6X3,5X100	2749610000	A.195
Q 4 DU	1312700000	B.136	SCCB TT8 6/2	2710190000	B.223	SDIL 0,6X3,5X100	2749140000	B.111	SDIS SLIM 0,6X3,5X100	2749610000	A.196
Q 4 DU	1312700000	B.137	SCCB TT8 6/2	2710190000	B.226	SDIL 0,6X3,5X100	2749140000	B.113	SDIS SLIM 0,6X3,5X100	2749610000	A.197
Q 4 DU	1312700000	B.138	SCCB TT8 6/2	2710190000	B.227	SDIL 0,6X3,5X100	2749140000	B.116	SDIS SLIM 0,6X3,5X100	2749610000	A.198
Q 4 DU	1312700000	B.139	SCCB TT8 6/2	2710190000	B.228	SDIL 0,6X3,5X100	2749140000	B.117	SDIS SLIM 0,6X3,5X100	2749610000	A.199
Q 4 WDL2.5S	1071700000	A.382	SCCB TT8 6/3	2710200000	B.218	SDIL 0,6X3,5X100	2749140000	B.118	SDIS SLIM 0,6X3,5X100	2749610000	A.200
Q 4 WDL2.5S	1071700000	B.208	SCCB TT8 6/3	2710200000	B.219	SDIL 0,6X3,5X100	2749140000	B.121	SDIS SLIM 0,6X3,5X100	2749610000	A.201
Q 4 WDL2.5S	1071700000	B.209	SCCB TT8 6/3	2710200000	B.220	SDIL 0,6X3,5X100	2749140000	B.184	SDIS SLIM 0,6X3,5X100	2749610000	A.202
Q 4 WDL2.5S	1071700000	B.210	SCCB TT8 6/3	2710200000	B.221	SDIL 0,6X3,5X100	2749140000	B.186	SDIS SLIM 0,6X3,5X100	2749610000	A.203
Q 4 WDL2.5S	1071700000	B.211	SCCB TT8 6/3	2710200000	B.222	SDIL 0,6X3,5X100	2749140000	B.188	SDIS SLIM 0,6X3,5X100	2749610000	A.204
Q WDU10-2.5 SET	1859620000	A.383	SCCB TT8 6/3	2710200000	B.223	SDIL 0,6X3,5X100	2749140000	B.190	SDIS SLIM 0,6X3,5X100	2749610000	A.206
Q WDU10-4 SET	1859610000	A.384	SCCB TT8 6/3	2710200000	B.226	SDIL 0,6X3,5X100	2749140000	B.191	SDIS SLIM 0,6X3,5X100	2749610000	A.211
Q WDU6-2.5 SET	1859600000	A.383	SCCB TT8 6/3	2710200000	B.227	SDIL 0,6X3,5X100	2749140000	B.192	SDIS SLIM 0,6X3,5X100	2749610000	A.212
QB 58/8/15	0545400000	A.242	SCCB TT8 6/3	2710200000	B.228	SDIL 0,6X3,5X100	2749140000	B.193	SDIS SLIM 0,6X3,5X100	2749610000	A.214
QB 58/8/15	0545400000	B.243	SCCB TT8 6/4	2710210000	B.218	SDIL 0,6X3,5X100	2749140000	B.194	SDIS SLIM 0,6X3,5X100	2749610000	A.215
QB 58/8/9/WI	0545300000	A.242	SCCB TT8 6/4	2710210000	B.219	SDIL 0,6X3,5X100	2749140000	B.195	SDIS SLIM 0,6X3,5X100	2749610000	A.216
QB 58/8/9/WI	0545300000	B.243	SCCB TT8 6/4	2710210000	B.220	SDIL 0,6X3,5X100	2749140000	B.196	SDIS SLIM 0,6X3,5X100	2749610000	A.218
QB 58/8/9/WI	0545300000	B.244	SCCB TT8 6/4	2710210000	B.221	SDIL 0,6X3,5X100	2749140000	B.197	SDIS SLIM 0,6X3,5X100	2749610000	A.219
QL 10 SAK16	0471000000	A.316	SCCB TT8 6/4	2710210000	B.222	SDIL 0,6X3,5X100	2749140000	B.198	SDIS SLIM 0,6X3,5X100	2749610000	A.220
QL 10 SAK16	0471000000	A.317	SCCB TT8 6/4	2710210000	B.223	SDIL 0,6X3,5X100	2749140000	B.199	SDIS SLIM 0,6X3,5X100	2749610000	A.221
QL 10 SAK16	0471000000	A.319	SCCB TT8 6/4	2710210000	B.226	SDIL 0,6X3,5X100	2749140000	B.280	SDIS SLIM 0,6X3,5X100	2749610000	A.222
QL 10 SAK6N	0338300000	A.314	SCCB TT8 6/4	2710210000	B.227	SDIL 0,6X3,5X100	2749140000	B.281	SDIS SLIM 0,6X3,5X100	2749610000	A.223
QL 10 SAK6N	0338300000	A.315	SCCB TT8 6/4	2710210000	B.228	SDIL 0,6X3,5X100	2749140000	B.284	SDIS SLIM 0,6X3,5X100	2749610000	A.224
QL 10 SAK6N	0338300000	A.318	SCHT 7	0517960000	A.360	SDIL 0,6X3,5X100	2749140000	B.285	SDIS SLIM 0,6X3,5X100	2749610000	A.225
QL 2 SAK16	0470700000	A.316	SDIL 0,6X3,5X100	2749140000	A.6	SDIL 0,6X3,5X100	2749140000	B.286	SDIS SLIM 0,6X3,5X100	2749610000	A.226
QL 2 SAK16	0470700000	A.317	SDIL 0,6X3,5X100	2749140000	A.7	SDIL 1,0X5,5X125	2749160000	A.30	SDIS SLIM 0,6X3,5X100	2749610000	A.227
QL 2 SAK16	0470700000	A.319	SDIL 0,6X3,5X100	2749140000	A.8	SDIL 1,0X5,5X125	2749160000	A.31	SDIS SLIM 0,6X3,5X100	2749610000	A.230
QL 2 SAK6N	0194300000	A.314	SDIL 0,6X3,5X100	2749140000	A.9	SDIL 1,0X5,5X125	2749160000	A.32	SDIS SLIM 0,6X3,5X100	2749610000	A.231
QL 2 SAK6N	0194300000	A.315	SDIL 0,6X3,5X100	2749140000	A.10	SDIL 1,0X5,5X125	2749160000	A.33	SDIS SLIM 0,6X3,5X100	2749610000	A.232
QL 2 SAK6N	0194300000	A.318	SDIL 0,6X3,5X100	2749140000	A.11	SDIL 1,0X5,5X125	2749160000	A.34	SDIS SLIM 0,6X3,5X100	2749610000	A.238
QS 2/10/4	0270860000	B.249	SDIL 0,6X3,5X100	2749140000	A.12	SDIL 1,0X5,5X125	2749160000	A.35	SDIS SLIM 0,6X3,5X100	2749610000	A.239
QS 2/12/4	0270760000	B.249	SDIL 0,6X3,5X100	2749140000	A.13	SDIL 1,0X5,5X125	2749160000	A.63	SDIS SLIM 0,6X3,5X100	2749610000	A.240
QS 2/8/4	0270960000	B.243	SDIL 0,6X3,5X100	2749140000	A.14	SDIL 1,0X5,5X125	2749160000	A.64	SDIS SLIM 0,6X3,5X100	2749610000	A.241
QS 2/8/4	0270960000	B.249	SDIL 0,6X3,5X100	2749140000	A.15	SDIL 1,0X5,5X125	2749160000	A.65	SDIS SLIM 0,6X3,5X100	2749610000	A.242
QVS 2/4 SAKT4	1319260000	B.240	SDIL 0,6X3,5X100	2749140000	A.16	SDIL 1,0X5,5X125	2749160000	A.66	SDIS SLIM 0,6X3,5X100	2749610000	A.243
			SDIL 0,6X3,5X100	2749140000	A.17	SDIL 1,0X5,5X125	2749160000	B.104	SDIS SLIM 0,6X3,5X100	2749610000	A.244
			SDIL 0,6X3,5X100	2749140000	A.18	SDIL 1,0X5,5X125	2749160000	B			

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
SDK PZ2 X 100	2749450000	B.62	SDS 0.6X3.5X100	2749340000	B.154	SDT 2.5 4C W/D DTVL	3016740000	A.22	SIHA 3/G20/LD 10-36V	7921570000	A.89
SDK PZ2 X 100	2749450000	B.64	SDS 0.6X3.5X100	2749340000	B.155	SDT 2.5 4C W/D DTVL BL	2983740000	A.22	SIHA 3/G20/LD 10-36V	7921570000	A.214
SDK PZ2 X 100	2749450000	B.66	SDS 0.6X3.5X100	2749340000	B.156	SDT 2.5 4C W/D DTVL OR	2983730000	A.22	SIHA 3/G20/LD 10-36V	7921570000	A.215
SDK PZ2 X 100	2749450000	B.70	SDS 0.6X3.5X100	2749340000	B.157	SDT 4 2C	2941420000	A.23	SIHA 3/G20/LD 10-36V	7921570000	A.227
SDK PZ2 X 100	2749450000	B.71	SDS 0.6X3.5X100	2749340000	B.158	SDT 4 2C BL	2941430000	A.23	SIHA 3/G20/LD 10-36V	7921570000	A.258
SDK PZ2 X 100	2749450000	B.74	SDS 0.6X3.5X100	2749340000	B.159	SDT 4 2C OR	2941440000	A.23	SIHA 3/G20/LD 10-36V	7921570000	A.332
SDK PZ2 X 100	2749450000	B.75	SDS 0.6X3.5X100	2749340000	B.160	SDT 4 2C w/o DTVL	2941450000	A.23	SIHA 3/G20/LD 10-36V	7921570000	A.334
SDK PZ2 X 100	2749450000	B.78	SDS 0.6X3.5X100	2749340000	B.161	SDT 4 2C w/o DTVL BL	2941460000	A.23	SIHA 3/G20/LD 10-36V	7921570000	A.335
SDK PZ2 X 100	2749450000	B.80	SDS 0.6X3.5X100	2749340000	B.162	SDT 4 2C w/o DTVL OR	2941470000	A.23	SIHA 3/G20/LD 10-36V	7921570000	A.336
SDK PZ2 X 100	2749450000	B.82	SDS 0.6X3.5X100	2749340000	B.163	SEP 2C 2.5	2751080000	A.6	SIHA 3/G20/LD 10-36V	7921570000	A.337
SDK PZ2 X 100	2749450000	B.84	SDS 0.6X3.5X100	2749340000	B.164	SEP 2C 2.5	2751080000	A.14	SIHA 3/G20/LD 10-36V	7921570000	A.338
SDK PZ2 X 100	2749450000	B.86	SDS 0.6X3.5X100	2749340000	B.165	SEP 2C 4	2874790000	A.8	SIHA 3/G20/LD 10-36V	7921570000	A.339
SDK PZ2 X 100	2749450000	B.88	SDS 0.6X3.5X100	2749340000	B.170	SEP 2C 4	2874790000	A.16	SIHA 3/G20/LD 10-36V	7921570000	A.344
SDL 4	2614980000	B.257	SDS 0.6X3.5X100	2749340000	B.171	SEP 2T 2.5	2913480000	A.10	SIHA 3/G20/LD 10-36V	7921570000	A.346
SD 4 FT	2614970000	B.257	SDS 0.6X3.5X100	2749340000	B.172	SEP 2T 2.5	2913480000	A.11	SIHA 3/G20/LD 10-36V	7921570000	A.347
SDS 0.4X2.0X60	2749260000	A.26	SDS 0.6X3.5X100	2749340000	B.173	SEP 2T 2.5	2913480000	A.18	SIHA 3/G20/LD 10-36V	7921570000	A.349
SDS 0.4X2.0X60	2749260000	A.27	SDS 0.6X3.5X100	2749340000	B.174	SEP 2T 2.5 BL	2913490000	A.10	SIHA 3/G20/LD 10-36V	7921570000	A.350
SDS 0.4X2.0X60	2749260000	A.44	SDS 0.6X3.5X100	2749340000	B.175	SEP 2T 2.5 BL	2913490000	A.11	SIHA 3/G20/LD 10-36V	7921570000	A.351
SDS 0.4X2.0X60	2749260000	A.45	SDS 0.6X3.5X100	2749340000	B.176	SEP 3C 2.5	2751090000	A.6	SIHA 3/G20/LD 10-36V	7921570000	A.388
SDS 0.4X2.0X60	2749260000	A.54	SDS 0.6X3.5X100	2749340000	B.204	SEP 3C 2.5	2751090000	A.14	SIHA 3/G20/LD 10-36V	7921570000	B.151
SDS 0.4X2.0X60	2749260000	A.55	SDS 0.6X3.5X100	2749340000	B.205	SEP 3C 2.5	2751090000	A.20	SIHA 3/G20/LD 10-36V	7921570000	B.152
SDS 0.4X2.0X60	2749260000	A.60	SDS 0.6X3.5X100	2749340000	B.206	SEP 3C 4	2874800000	A.8	SIHA 3/G20/LD 10-36V	7921570000	B.153
SDS 0.4X2.0X60	2749260000	A.61	SDS 0.6X3.5X100	2749340000	B.273	SEP 3C 4	2874800000	A.16	SIHA 3/G20/LD 10-36V	7921570000	B.160
SDS 0.4X2.0X60	2749260000	A.73	SDS 0.6X3.5X100	2749340000	B.274	SEP 3C 4	2874800000	A.19	SIHA 3/G20/LD 10-36V	7921570000	B.162
SDS 0.4X2.0X60	2749260000	A.80	SDS 0.6X3.5X100	2749340000	B.275	SEP 3C 4	2874800000	A.23	SIHA 3/G20/LD 10-36V	7921570000	B.170
SDS 0.4X2.0X60	2749260000	A.81	SDS 0.6X3.5X100	2749340000	B.283	SEP 3T 2.5	2902630000	A.12	SIHA 3/G20/LD 10-36V	7921570000	B.171
SDS 0.4X2.0X60	2749260000	A.90	SDS 0.8X4.0X100	2749360000	A.209	SEP 3T 2.5	2902630000	A.13	SIHA 3/G20/LD 10-36V	7921570000	B.172
SDS 0.4X2.0X60	2749260000	A.91	SDS 0.8X4.0X100	2749360000	A.298	SEP 3T 2.5	2902630000	A.18	SIHA 3/G20/LD 10-36V	7921570000	B.173
SDS 0.4X2.0X60	2749260000	A.92	SDS 0.8X4.0X100	2749360000	A.314	SEP 3T 2.5 BL	2902640000	A.12	SIHA 3/G20/LD 10-36V	7921570000	B.174
SDS 0.4X2.0X60	2749260000	A.93	SDS 0.8X4.0X100	2749360000	A.315	SEP 3T 2.5 BL	2902640000	A.13	SIHA 3/G20/LD 10-36V	7921570000	B.175
SDS 0.4X2.0X60	2749260000	A.89	SDS 0.8X4.0X100	2749360000	A.318	SEP 3T 2.5 BL	2902640000	A.18	SIHA 3/G20/LD 10-36V	7921570000	B.196
SDS 0.4X2.0X60	2749260000	A.150	SDS 0.8X4.0X100	2749360000	B.239	SEP 4C 2.5	2751100000	A.7	SIHA 3/G20/LD 10-36V	7921570000	B.197
SDS 0.4X2.0X60	2749260000	A.151	SDS 0.8X4.0X100	2749360000	B.243	SEP 4C 2.5	2751100000	A.15	SIHA 3/G20/LD 10-36V	7921570000	B.198
SDS 0.4X2.0X60	2749260000	A.166	SDS 1.0X5.5X150	2749380000	A.40	SEP 4C 2.5	2751100000	A.21	SIHA 3/G20/LD 10-36V	7921570000	B.199
SDS 0.4X2.0X60	2749260000	A.167	SDS 1.0X5.5X150	2749380000	A.41	SEP 4C 4	2874810000	A.9	SIHA 3/G20/LD 140-250V	7921600000	A.88
SDS 0.4X2.0X60	2749260000	A.183	SDS 1.0X5.5X150	2749380000	A.42	SEP 4C 4	2874810000	A.17	SIHA 3/G20/LD 140-250V	7921600000	A.89
SDS 0.4X2.0X60	2749260000	A.184	SDS 1.0X5.5X150	2749380000	A.43	SEP DT 2.5 4C	2929670000	A.22	SIHA 3/G20/LD 140-250V	7921600000	A.214
SDS 0.4X2.0X60	2749260000	A.196	SDS 1.0X5.5X150	2749380000	A.69	SEP SDL 4	2615020000	B.256	SIHA 3/G20/LD 140-250V	7921600000	A.215
SDS 0.4X2.0X60	2749260000	B.130	SDS 1.0X5.5X150	2749380000	A.70	SEP SDL 4	2615020000	B.257	SIHA 3/G20/LD 140-250V	7921600000	A.227
SDS 0.4X2.0X60	2749260000	B.131	SDS 1.0X5.5X150	2749380000	A.155	SEP SRL 3	2614990000	A.393	SIHA 3/G20/LD 140-250V	7921600000	A.258
SDS 0.4X2.0X60	2749260000	B.213	SDS 1.0X5.5X150	2749380000	A.156	SEP SRL 4	2615000000	A.393	SIHA 3/G20/LD 140-250V	7921600000	A.332
SDS 0.5X3.0X80	2749330000	A.197	SDS 1.0X5.5X150	2749380000	A.157	SEP SRL 4	2615000000	A.394	SIHA 3/G20/LD 140-250V	7921600000	A.334
SDS 0.6X3.5X100	2749340000	A.175	SDS 1.0X5.5X150	2749380000	A.158	SEP SRL 6	2615010000	A.394	SIHA 3/G20/LD 140-250V	7921600000	A.335
SDS 0.6X3.5X100	2749340000	A.204	SDS 1.0X5.5X150	2749380000	A.163	SET AAP1 6/1.5/12C	2506090000	B.108	SIHA 3/G20/LD 140-250V	7921600000	A.336
SDS 0.6X3.5X100	2749340000	A.224	SDS 1.0X5.5X150	2749380000	A.187	SET AAP1 6/1.5/24C	2506370000	B.108	SIHA 3/G20/LD 140-250V	7921600000	A.337
SDS 0.6X3.5X100	2749340000	A.246	SDS 1.0X5.5X150	2749380000	A.188	SET AAP12 10/2.5/10C	2506350000	B.114	SIHA 3/G20/LD 140-250V	7921600000	A.338
SDS 0.6X3.5X100	2749340000	A.294	SDS 1.0X5.5X150	2749380000	A.189	SET AAP13 6/1.5/12C	2506340000	B.109	SIHA 3/G20/LD 140-250V	7921600000	A.339
SDS 0.6X3.5X100	2749340000	A.295	SDS 1.0X5.5X150	2749380000	A.193	SET AAP13 6/1.5/24C	2506380000	B.109	SIHA 3/G20/LD 140-250V	7921600000	A.344
SDS 0.6X3.5X100	2749340000	A.296	SDS 1.0X5.5X150	2749380000	A.289	SET AAP14 10/2.5/10C	2506360000	B.115	SIHA 3/G20/LD 140-250V	7921600000	A.346
SDS 0.6X3.5X100	2749340000	A.297	SDS 1.0X5.5X150	2749380000	A.290	SFS 4 2C 10-36V BK	2941490000	A.19	SIHA 3/G20/LD 140-250V	7921600000	A.347
SDS 0.6X3.5X100	2749340000	A.298	SDS 1.0X5.5X150	2749380000	A.291	SFS 4 2C 100-250V BK	2941520000	A.19	SIHA 3/G20/LD 140-250V	7921600000	A.349
SDS 0.6X3.5X100	2749340000	A.299	SDS 1.0X5.5X150	2749380000	A.292	SFS 4 2C 30-70V BK	2941500000	A.19	SIHA 3/G20/LD 140-250V	7921600000	A.350
SDS 0.6X3.5X100	2749340000	A.304	SDS 1.0X5.5X150	2749380000	A.293	SFS 4 2C 60-150V BK	2941510000	A.19	SIHA 3/G20/LD 140-250V	7921600000	A.351
SDS 0.6X3.5X100	2749340000	A.305	SDS 1.0X5.5X150	2749380000	A.299	SFS 4 2C BK	2941480000	A.19	SIHA 3/G20/LD 140-250V	7921600000	A.388
SDS 0.6X3.5X100	2749340000	A.306	SDS 1.0X5.5X150	2749380000	A.300	SH 1	0299860000	C.4	SIHA 3/G20/LD 140-250V	7921600000	B.151
SDS 0.6X3.5X100	2749340000	A.307	SDS 1.0X5.5X150	2749380000	A.305	SH 2	0494920000	C.5	SIHA 3/G20/LD 140-250V	7921600000	B.152
SDS 0.6X3.5X100	2749340000	A.308	SDS 1.0X5.5X150	2749380000	B.8	SH 2 S	0641720000	C.5	SIHA 3/G20/LD 140-250V	7921600000	B.153
SDS 0.6X3.5X100	2749340000	A.309	SDS 1.0X5.5X150	2749380000	B.9	SH 3	0556660000	C.5	SIHA 3/G20/LD 140-250V	7921600000	B.160
SDS 0.6X3.5X100	2749340000	A.310	SDS 1.0X5.5X150	2749380000	B.10	SH 4C	1340870000	B.269	SIHA 3/G20/LD 140-250V	7921600000	B.162
SDS 0.6X3.5X100	2749340000	A.311	SDS 1.0X5.5X150	2749380000	B.11	SIHA 1/G20	9537550000	A.333	SIHA 3/G20/LD 140-250V	7921600000	B.170
SDS 0.6X3.5X100	2749340000	A.312	SDS 1.0X5.5X150	2749380000	B.12	SIHA 1/G20	9537550000	A.388	SIHA 3/G20/LD 140-250V	7921600000	B.171
SDS 0.6X3.5X100	2749340000	A.313	SDS 1.0X5.5X150	2749380000	B.16	SIHA 1/G20 10-36V	9537560000	A.333	SIHA 3/G20/LD 140-250V	7921600000	B.172
SDS 0.6X3.5X100	2749340000	A.322	SDS 1.0X5.5X150	2749380000	B.17	SIHA 1/G20 10-36V	9537560000	A.388	SIHA 3/G20/LD 140-250V	7921600000	B.173
SDS 0.6X3.5X100	2749340000	A.324	SDS 1.0X5.5X150	2749380000	B.18	SIHA 3/G20	7921560000	A.88	SIHA 3/G20/LD 140-250V	7921600000	B.174
SDS 0.6X3.5X100	2749340000	A.325	SDS 1.0X5.5X150	2749380000	B.19	SIHA 3/G20	7921560000	A.89	SIHA 3/G20/LD 140-250V	7921600000	B.175
SDS 0.6X3.5X100	2749340000	A.326	SDS 1.0X5.5X150	2749380000	B.20	SIHA 3/G20	7921560000	A.214	SIHA 3/G20/LD 140-250V	7921600000	B.196
SDS 0.6X3.5X100	2749340000	A.332	SDS 1.0X5.5X150	2749380000	B.21	SIHA 3/G20	7921560000	A.215	SIHA 3/G20/LD 140-250V	7921600000	B.197
SDS 0.6X3.5X100	2749340000	A.333	SDS 1.0X5.5X150	2749380000	B.22	SIHA 3/G20	7921560000	A.227	SIHA 3/G20/LD 140-250V	7921600000	B.198
SDS 0.6X3.5X100	2749340000	A.334	SDS 1.0X5.5X150	2749380000	B.23	SIHA 3/G20	7921560000	A.258	SIHA 3/G20/LD 140-250V	7921600000	B.199
SDS 0.6X3.5X100	2749340000	A.335	SDS 1.0X5.5X150	2749380000	B.24	SIHA 3/G20	7921560000	A.332	SIHA 3/G20/LD 35-70V	7921580000	A.88
SDS 0.6X3.5X100	2749340000	A.336	SDS 1.0X5.5X150	2749380000	B.94	SIHA 3/G20	7921560000	A.334	SIHA 3/G20/LD 35-70V	7921580000	A.89
SDS 0.6X3.5X100	2749340000	A.337	SDS 1.0								

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
SIHA 3/G20/LD 60-150V	7921590000	B.160	SQB 4/3	2615150000	A.394	STB 21.6/45 SW	1936270000	B.250	TNST OR	2463540000	A.334
SIHA 3/G20/LD 60-150V	7921590000	B.162	SQB 4/3	2615150000	B.257	STB 21.6/45 VI	1936260000	B.244	TNST OR	2463540000	A.335
SIHA STRAP	9537680000	A.258	SQB 4/4	2615160000	A.393	STB 21.6/45 VI	1936260000	B.249	TNST OR	2463540000	A.336
SIHA STRAP	9537680000	A.388	SQB 4/4	2615160000	A.394	STB 21.6/45 VI	1936260000	B.250	TNST OR	2463540000	A.344
SK WSD-S 1.5-10.0	9008850000	B.40	SQB 4/4	2615160000	B.257	STB 21.6/45/BL WTL6/3	1071080000	B.252	TNST OR	2463540000	A.349
SK WSD-S 1.5-10.0	9008850000	B.41	SQS 4/2	2615250000	A.394	STB 21.6/45/BL WTL6/3	1071080000	B.253	TNST OR	2463540000	A.350
SK WSD-S 1.5-10.0	9008850000	B.44	SQS 4/2	2615250000	B.256	STB 21.6/45/DB WTL6/3	1071000000	B.252	TNST OR	2463540000	A.351
SK WSD-S 1.5-10.0	9008850000	B.45	SQS 4/2	2615250000	B.257	STB 21.6/45/GE WTL6/3	1071010000	B.252	TNST OR	2463540000	B.151
SK WSD-S 1.5-10.0	9008850000	B.48	SQS 4/4	2615260000	A.394	STB 21.6/45/GE WTL6/3	1071010000	B.253	TNST OR	2463540000	B.152
SK WSD-S 1.5-10.0	9008850000	B.50	SQS 4/4	2615260000	B.256	STB 21.6/45/GE WTL6/3	1071020000	B.252	TNST OR	2463540000	B.153
SK WSD-S 1.5-10.0	9008850000	B.68	SQS 4/4	2615260000	B.257	STB 21.6/45/GE WTL6/3	1071020000	B.253	TNST OR	2463540000	B.160
SK WSD-S 1.5-10.0	9008850000	B.70	SDV 3/10	2615070000	A.393	STB 21.6/45/GN WTL6/3	1071040000	B.252	TNST OR	2463540000	B.162
SK WSD-S 1.5-10.0	9008850000	B.71	SDV 3/2	2615030000	A.393	STB 21.6/45/GN WTL6/3	1071030000	B.252	TNST OR	2463540000	B.196
SK WSD-S 1.5-10.0	9008850000	B.74	SDV 3/3	2615040000	A.393	STB 21.6/45/GN WTL6/3	1071030000	B.253	TNST OR	2463540000	B.197
SK WSD-S 1.5-10.0	9008850000	B.75	SDV 3/4	2615050000	A.393	STB 30.5 IH/BL	0341200000	B.242	TNST OR	2463540000	B.198
SK WSD-S 1.5-10.0	9008850000	B.78	SDV 6/2	2615080000	A.394	STB 30.5 IH/BL	0341200000	B.243	TNST OR	2463540000	B.199
SK WSD-S 1.5-10.0	9008850000	B.80	SDV 6/3	2615090000	A.394	STB 30.5 IH/BR	1027870000	B.242	TS 15X5 2M/ST/ZN	0514200000	C.9
SK WSD-S 1.5-10.0	9008850000	B.82	SDV 6/4	2615100000	A.394	STB 30.5 IH/GE	0341500000	B.242	TS 15X5/LL 1M/ST/ZN	0117510000	C.9
SK WSD-S 1.5-10.0	9008850000	B.84	SRCI QV P	8870840000	B.166	STB 30.5 IH/GE	0341500000	B.243	TS 15X5/LL 2M/ST/ZN	0117500000	C.9
SK WSD-S 1.5-10.0	9008850000	B.86	SRCI QV P	8870840000	B.167	STB 30.5 IH/GN	0341400000	B.242	TS 20/CX 10 2M/ST/ZN	2988890000	C.9
SK WSD-S 1.5-10.0	9008850000	B.88	SRCI QV P	8870840000	B.168	STB 30.5 IH/GN	0341400000	B.243	TS 27X12.5M/ST/F.ZN	1802690000	B.273
SK WSD-S 1.5-10.0	9008850000	B.278	SRCI QV P	8870840000	B.169	STB 30.5 IH/GR	0341100000	B.242	TS 27X12.5M/ST/F.ZN	1802690000	B.274
SKS 2.0-8.0 MR	9008870000	A.278	SRL 3	2614930000	A.393	STB 30.5 IH/RT	0341300000	B.242	TS 27X12.5M/ST/F.ZN	1802690000	C.9
SKS 2.0-8.0 MR	9008870000	A.279	SRL 4	2614940000	A.393	STB 30.5 IH/SW	0341000000	B.242	TS 32X15 2M/AL/BK	0169300000	C.10
SKS 2.0-8.0 MR	9008870000	A.280	SRL 4 STB	2614950000	A.394	STB 30.5 IH/VI	0341600000	B.242	TS 32X15 2M/CRN	0293220000	C.10
SKS 2.0-8.0 MR	9008870000	A.283	SRL 6	2614960000	A.394	STB 30.5 IH/VI	0341600000	B.243	TS 32X15 2M/ST/ZN	0122800000	B.229
SKS 2.0-8.0 MR	9008870000	A.301	SRQB 3/2	2615190000	A.393	STB 36.8/45/BL WTL6/1	1847790000	B.244	TS 32X15 2M/ST/ZN	0122800000	C.10
SKS 2.0-8.0 MR	9008870000	A.302	SRQB 3/3	2615200000	A.393	STB 36.8/45/BL WTL6/1	1847790000	B.245	TS 32X15/LL 2M/ST/ZN	0514400000	C.10
SKS 2.0-8.0 MR	9008870000	A.303	SRQB 3/4	2615210000	A.393	STB 36.8/45/BL WTL6/1	1847790000	B.246	TS 35X15 2M/ST/ZN	0236400000	C.11
SKS 2.0-8.0 MR	9008870000	B.207	SRQB 4/2	2615220000	A.393	STB 36.8/45/BL WTL6/1	1847790000	B.249	TS 35X15/2.3 2M/AL/BK	1848290000	C.11
SKS 2.0-8.0 MR	9008870000	B.28	SRQB 4/2	2615220000	A.394	STB 36.8/45/BL WTL6/1	1847790000	B.250	TS 35X15/2.3 2M/AL/BK	0270100000	B.24
SKS 2.0-8.0 MR	9008870000	B.29	SRQB 4/2	2615220000	B.257	STB 36.8/45/BL WTL6/1	1847790000	B.244	TS 35X15/2.3 2M/AL/BK	0270100000	C.11
SKS 2.0-8.0 MR	9008870000	B.30	SRQB 4/3	2615230000	A.393	STB 36.8/45/BL WTL6/1	1847790000	B.245	TS 35X15/2.3 2M/AL/BK	0498900000	C.11
SKS 2.0-8.0 MR	9008870000	B.33	SRQB 4/3	2615230000	A.394	STB 36.8/45/GE WTL6/1	1847790000	B.246	TS 35X15/5X18 2M/ST/SZ	1879100000	C.11
SKS 2.0-8.0 MR	9008870000	B.34	SRQB 4/3	2615230000	B.257	STB 36.8/45/GE WTL6/1	1847790000	B.249	TS 35X15/5X18 2M/ST/ZN	1837380000	C.11
SKS 2.0-8.0 MR	9008870000	B.35	SRQB 4/4	2615240000	A.393	STB 36.8/45/GE WTL6/1	1847790000	B.250	TS 35X15/6X18 2M/ST/ZN	1805980000	C.11
SL TTB 6	2710220000	B.218	SRQB 4/4	2615240000	B.257	STB 36.8/45/GE WTL6/1	1847790000	B.244	TS 35X15/6X25 2M/ST/ZN	1866290000	C.11
SL TTB 6	2710220000	B.219	SS M3 D 128-A 3	0164400000	A.314	STB 36.8/45/GE WTL6/1	1847790000	B.245	TS 35X15/LL 1M/ST/ZN	0236510000	C.11
SL TTB 6	2710220000	B.220	SS M3 D 128-A 3	0164400000	A.315	STB 36.8/45/GE WTL6/1	1847790000	B.246	TS 35X15/LL 2M/ST/SZ	7907490000	C.11
SL TTB 6	2710220000	B.221	SS M3 D 128-A 3	0164400000	A.316	STB 36.8/45/GE WTL6/1	1847790000	B.249	TS 35X15/LL 2M/ST/ZN	0236500000	B.229
SL TTB 6	2710220000	B.222	SS M3 D 128-A 3	0164400000	A.317	STB 36.8/45/GE WTL6/1	1847790000	B.250	TS 35X15/LL 2M/ST/ZN	0236500000	B.274
SL TTB 6	2710220000	B.223	SS M3 D 128-A 3	0164400000	A.318	STB 36.8/45/GE WTL6/1	1847790000	B.244	TS 35X15/LL 2M/ST/ZN	0236500000	B.275
SL TTB 6	2710220000	B.226	SS M3 D 128-A 3	0164400000	A.319	STB 36.8/45/GE WTL6/1	1847790000	B.249	TS 35X15/LL 2M/ST/ZN	0236500000	C.11
SL TTB 6	2710220000	B.227	SSCH 10X3X1000 CU/SN	0348900000	B.184	STB 36.8/45/GE WTL6/1	1847790000	B.250	TS 35X15/LL 2M/ST/ZN/D	1071680000	C.11
SL TTB 6	2710220000	B.229	SSCH 10X3X1000 CU/SN	0348900000	B.185	STB 8.5/5/2.3/M3 3AK2.5	0280600000	B.240	TS 35X7 5 1M/ST/ZN	0383410000	C.10
SM 27/8 K MC NE WS	1812630000	B.273	SSCH 10X3X1000 CU/SN	0348900000	B.186	STB 8.5/5/2.3/M2.5 AKZ	0215700000	A.262	TS 35X7 5 2M/AL/BK	0330800000	C.10
SM 27/8 K MC NE WS	1812630000	B.274	SSCH 10X3X1000 CU/SN	0348900000	B.187	STB 8.5/5/2.3/M2.5 AKZ	0215700000	A.264	TS 35X7 5 2M/CRN	1747350000	C.10
SM 27/8 K MC NE WS	1812630000	B.275	SSCH 10X3X1000 CU/SN	0348900000	B.188	STB 8.5/5/2.3/M2.5 AKZ	0215700000	A.266	TS 35X7 5 2M/CRN 316L	2716000000	C.10
SMISE WF10/2XM6	1868880000	A.401	SSCH 10X3X1000 CU/SN	0348900000	B.189	STGH 4 ZRV 1.5	1698190000	A.228	TS 35X7 5 2M/ST/ZN	0383400000	B.274
SMISE WF10/2XM6	1868880000	A.409	SSCH 10X3X1000 CU/SN	0348900000	B.190	STGH 4 ZRV 1.5/PE GN	1698200000	A.228	TS 35X7 5 2M/ST/ZN	0383400000	B.275
SMISE WSH 135/60 MT	1246990000	B.271	SSCH 10X3X1000 CU/SN	0348900000	B.191	STGH 0/R/SW ZRV 2.5	1898420000	A.229	TS 35X7 5 2M/ST/ZN	0383400000	C.10
SMISE WSH U1 MT	1083900000	B.271	SSCH 10X3X1000 CU/SN	0348900000	B.192	STGH 0/OA ZRV 2.5	1907100000	A.229	TS 35X7 5/1.0 2M/AL/BK	2313800000	C.10
SNAPMARK 1.5	2682800000	A.44	SSCH 10X3X1000 CU/SN	0348900000	B.193	STGH 0/OA/O.R/SW ZRV2.5	1898430000	A.229	TS 35X7 5/5X18 2M/ST/SZ	1879090000	C.10
SNAPMARK 1.5	2682800000	A.45	SSCH 10X3X1000 CU/SN	0348900000	B.194	STGH ZRV 2.5	1907000000	A.229	TS 35X7 5/LL 1M/ST/ZN	0514510000	C.10
SNAPMARK 1.5	2682800000	A.54	SSCH 10X3X1000 CU/SN	0348900000	B.195	STR 7 F.SCHT 7	0515300000	A.223	TS 35X7 5/LL 2M/ST/SZ	7915060000	C.10
SNAPMARK 1.5	2682800000	A.55	SSCH 10X3X1000 CU/SN	0348900000	B.200	STR 7 F.SCHT 7	0515300000	A.231	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.12
SNAPMARK 1.5	2682800000	A.70	SSCH 10X3X1000 CU/SN	0348900000	B.204	SWIFTY SET	9006060000	A.170	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.218
SNAPMARK 1.5	2682800000	A.71	SSCH 10X3X1000 CU/SN	0348900000	B.205	SWIFTY SET	9006060000	A.171	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.220
SNAPMARK 1.5	2682800000	A.73	SSCH 10X3X1000 CU/SN	0348900000	B.206	SWIFTY SET	9006060000	A.176	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.222
SNAPMARK 1.5	2682800000	A.93	SSCH 10X3X1000 CU/SN	0348900000	B.210	SWIFTY SET	9006060000	A.311	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.226
SNAPMARK 1.5	2682800000	A.94	SSCH 10X3X1000 CU/SN	0348900000	B.211	SWIFTY SET	9006060000	A.312	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.229
SNAPMARK 1.5	2682800000	A.139	SSCH 10X3X1000 CU/SN	0348900000	B.263	SWIFTY SET	9006060000	A.313	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.242
SNAPMARK I	1805880000	A.10	SSCH 10X3X1000 CU/SN	0348900000	B.264	SWIFTY SET	9006060000	A.363	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.254
SNAPMARK I	1805880000	A.11	SSCH 10X3X1000 CU/SN	0348900000	B.270	SWIFTY SET	9006060000	A.364	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.256
SNAPMARK I	1805880000	A.12	SSCH 10X3X1000 CU/SN	0348900000	B.271	SWIFTY SET	9006060000	A.365	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.274
SNAPMARK I	1805880000	A.13	SSCH 10X3X1000 CU/SN	0348900000	C.4	SWIFTY SET	9006060000	A.366	TS 35X7 5/LL 2M/ST/ZN	0514500000	B.275
SNAPMARK I	1805880000	A.18	SSCH 10X3X1000 ST/ZN	0438000000	C.4	SWIFTY SET	9006060000	A.367	TS 35X7 5/LL 2M/ST/ZN	0514500000	C.10
SNAPMARK I	1805880000	A.50	SSCH 10X3X2000 CU VERZ.	1397000000	C.4	SWIFTY SET	9006060000	B.204	TS 35X7 5/LL/6 2M/ST/ZN	0514700000	C.10
SNAPMARK I	1805880000	A.51	SSCH 15X6X1000 CU/SN	0357400000	C.4	SWIFTY SET	9006060000	B.205	TS 35X7 5/LL/6X18 2M/D	1071690000	C.10
SNAPMARK I	1805880000	A.56	SSCH 6X6X1000 CU/SN	0571300000	C.4	SWIFTY SET	9006060000	B.206	TS END CAP 35X15	1283480000	B.24
SNAPMARK I	1805880000	A.57	SSCH 7.3X1.2X1000	1071200000	A.362	SWIFTY SET	9006060000	B.208	TS END CAP 35X15	1283480000	C.11
SNAPMARK I	1805880000	A.58	SSCH 7.3X1.2X1000	1071200000	C.4	SWIFTY SET	9006060000	B.209	TS END CAP 35X7.5	1283470000	B.12
SNAPMARK I	1805880000	A.72	SSI 4	2615270000	B.256	SYMBOL-P 25X25X25 B/DR	1741090000	A.411	TS END CAP 35X7.5	1283470000	C.11
SNAPMARK I	1805880000	A.73	SSP 3 SAKT1	0531760000	B.244	SYMBOL-P 50X50X50 B/DR	1741100000	A.411	TS TOP-6 35000-01	2709800000	B.242
SNAPMARK I	1805880000	A.98	SSP 3 SAKT1	0531760000	B.248				TS TTB 6 BK	2710520000	B.219
SNAPMARK											

Type	Order No.	Page
TS TTB 6 YL	2710500000	B.221
TS TTB 6 YL	2710500000	B.223
TS TTB 6 YL	2710500000	B.228
TSCH 1	0319160000	A.136
TSCH 1	0319160000	A.137
TSCH 1	0319160000	B.138
TSCH 1	0319160000	B.139
TSK 35X15 2M PVC/GR	0514300000	C.11
TST 2/M5	1286600000	C.13
TST 2/M6	0101700000	C.13
TSTW 5/M5	0178100000	C.13
TSTW 5/M5 ZN	1779100000	C.13
TSTW 6/M6	0164000000	C.13
TSTW D 4.3	1610110000	C.13
TW AKZ2.5	0318560000	A.264
TW AKZ4	0348260000	A.266
TW PRV16	1173630000	A.168
TW PRV16 0-15	1230130000	B.168
TW PRV16 1-16	1230120000	B.168
TW PRV16 A.P	1230140000	B.168
TW PRV4	1173700000	A.166
TW PRV4	1173700000	B.169
TW PRV4 0-3	1230060000	A.166
TW PRV4 0-3	1230060000	B.169
TW PRV4 1-4	1230050000	A.166
TW PRV4 1-4	1230050000	B.169
TW PRV4 A-D	1230070000	A.166
TW PRV4 A-D	1230070000	B.169
TW PRV8	1173670000	A.167
TW PRV8	1173670000	B.169
TW PRV8 0-7	1230090000	A.167
TW PRV8 0-7	1230090000	B.169
TW PRV8 1-8	1230080000	A.167
TW PRV8 1-8	1230080000	B.169
TW PRV8 A-H	1230110000	A.167
TW PRV8 A-H	1230110000	B.169

V

VH 16.1/5/3.4	0309700000	B.244
VH 16.1/5/3.4	0309700000	B.245
VH 16.1/5/3.4	0309700000	A.246
VH 16.1/5/3.4	0309700000	A.249
VH 19/6.3/4.3	0318000000	B.250
VLI 1.5 DB	1784120000	A.293
VLI 1.5 DB	1784120000	B.99
VLI 1.5/PE DB	1784130000	A.293
VLI 1.5/PE DB	1784130000	B.99
VQB 1.5/50 BL	1633280000	A.293
VQB 1.5/50 BL	1633280000	A.344
VQB 1.5/50 BL	1633280000	B.99
VQB 1.5/50 BL	1633280000	B.136
VQB 1.5/50 BL	1633280000	B.137
VQB 1.5/50 BL	1633280000	B.138
VQB 1.5/50 BL	1633280000	B.139
VQB 1.5/50 RT	1633290000	A.293
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VQB 1.5/50 SW	1635120000	B.99
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VQB 1.5/50 SW	1635120000	B.137
VQB 1.5/50 SW	1635120000	B.138
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WAP 2.5-10	1050000000	A.294	WAP WDU2.5N/4N	1060000000	A.268	WDT 1.5/2 DB/GE	1015900000	A.342	WDU 4N BL	1042680000	A.268
WAP 2.5-10	1050000000	A.295	WAP WDU2.5N/4N	1060000000	A.296	WDT 1.5/3 DB/GE	1016000000	A.343	WDU 50N	1820840000	A.278
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WAP 2.5-10	1050000000	A.316	WAP WDU2.5N/4N BL	1060080000	A.266	WDT 2.5/2	1305310000	A.352	WDU 50N BL	1820850000	B.27
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WAP 2.5-10	1050000000	A.358	WAP WTL 6 SW	2868510000	B.243	WDU 1.5/R3.5 BL	1754170000	A.262	WDU 70/95	1024600000	B.29
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WAP 2.5-10 BL	1050080000	A.264	WBB WDK2.5/BL5.08	1072660000	A.361	WDU 10 SL/EN SW	9537410000	A.273	WDU 70N/35 IR	1393420000	B.29
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WAP 2.5-10 BL	1050080000	A.270	WBB ZA WDK2.5/BL5.08	1072760000	A.361	WDU 120/150	1024500000	A.283	WDU 95N/120N BL	1820560000	A.279
WAP 2.5-10 BL	1050080000	A.272	WBB ZA WDU1.5/BL 10/10	1068260000	A.360	WDU 120/150	1024500000	B.30	WDU 95N/120N BL	1820560000	B.29
WAP 2.5-10 BL	1050080000	A.273	WBBD 16 BL	2603850000	C.6	WDU 120/150 BL	1024580000	A.283	WDU 95N/120N GE/SW	2000110000	B.296
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WAP 2.5-10 BL	1050080000	B.204	WBBD 16 GY	2603840000	C.6	WDU 16	1020400000	A.274	WDU 16	8161820000	A.363
WAP 2.5-10 BL	1050080000	B.205	WD 1 25 K KARTE A 6 ST	1563900000	A.404	WDU 16 BL	1020480000	A.274	WDUL 4/10	1027000000	A.363
WAP 2.5-10 BL	1050080000	B.206	WD 1 25 K KARTE A 6 ST	1563900000	A.405	WDU 16 GE/SW	2000040000	B.293	WDUL 4/100	1027000000	A.363
WAP 2.5-10 BL	1050080000	B.292	WD 1 25 K KARTE A 6 ST	1563900000	A.406	WDU 16 IR	1393390000	A.275	WDUL 4/10K	1027000000	A.363
WAP 2.5-10 SW	1050010000	A.323	WD 1 25 K KARTE A 6 ST	1563900000	A.407	WDU 16/ZR	1028900000	A.274	WDUL 4/1K	1027500000	A.363
WAP WDK 2.5N/TR-DU	1839850000	A.346	WDK 1.5/R3.5	1753290000	A.284	WDU 16/ZR BL	1028980000	A.274	WDUL 4/500	1027400000	A.363
WAP WDK 2.5N/TR-DU	1839850000	A.347	WDK 10	1186740000	A.289	WDU 16N	1036100000	A.275	WDUL 4/500K	1028000000	A.363
WAP WDK1.5/R3.5	1186720000	A.284	WDK 10 BL	1186750000	A.289	WDU 16N BL	1036180000	A.275	WDUL 4/50K	1027800000	A.363
WAP WDK10	1186720000	A.289	WDK 10 DU-N	1415520000	A.291	WDU 16N GE/SW	2000050000	B.293	WDUL 4/5K	1027600000	A.363
WAP WDK10	1186720000	A.290	WDK 10 DU-PE	1415480000	A.292	WDU 2.5	1020000000	A.264	WEP 2C 4	2894210000	A.306
WAP WDK10	1186720000	A.291	WDK 10 L	1415510000	A.290	WDU 2.5 BL	1020080000	A.264	WEP 2C 4	2894210000	A.307
WAP WDK10	1186720000	A.292	WDK 10 PE	1415470000	A.305	WDU 2.5 FF 2X2.8	1021800000	A.358	WEP 2C 4	2894210000	A.308
WAP WDK10	1186720000	A.293	WDK 10 SET BCD	1415540000	A.292	WDU 2.5 FF 2X2.8	1021900000	A.358	WEP 2C 4	2894210000	A.309
WAP WDK10	1186720000	A.305	WDK 10 SET BCD	1415540000	B.98	WDU 2.5 GE/SW	2429520000	B.292	WEP 2C 4	2894210000	A.310
WAP WDK10	1186720000	B.98	WDK 10 SET LS	1415530000	A.293	WDU 2.5 HV	1412950000	A.265	WEP 2C 4	2894210000	A.334
WAP WDK10 BL	1186730000	A.289	WDK 10 SET LS	1415530000	B.98	WDU 2.5/1.5/ZR BL	1024700000	A.263	WEP 2C 4	2894210000	A.335
WAP WDK10 BL	1186730000	A.290	WDK 10 V	1186770000	A.290	WDU 2.5/1.5/ZR BL	1024780000	A.263	WEP 2C 4	2894210000	A.336
WAP WDK10 BL	1186730000	A.291	WDK 10 V BL	1186780000	A.290	WDU 2.5/AP/TC BL TYP K	1032880000	B.141	WEP 2C 4	2894210000	B.149
WAP WDK10 BL	1186730000	A.292	WDK 2.5	1021500000	A.284	WDU 2.5/TC TYP B	1033700000	B.140	WEP 2C 4	2894210000	B.150
WAP WDK10 BL	1186730000	A.293	WDK 2.5 1D	8025610000	A.364	WDU 2.5/TC TYP B	1033700000	B.141	WEP 2C 4	2894210000	B.151
WAP WDK10 BL	1186730000	A.305	WDK 2.5 1D A.1	1023400000	A.364	WDU 2.5/TC TYP E	1033300000	B.140	WEP 2C 4	2894210000	B.152
WAP WDK10 BL	1186730000	B.98	WDK 2.5 1D A.2	1023300000	A.365	WDU 2.5/TC TYP E	1033300000	B.141	WEP 2C 4	2894210000	B.153
WAP WDK2.5	1059100000	A.284	WDK 2.5 2D	1023500000	A.366	WDU 2.5/TC TYP J	1024300000	B.140	WEP 2C 4	2894210000	B.154
WAP WDK2.5	1059100000	A.285	WDK 2.5 2D 1.A	8014670000	A.365	WDU 2.5/TC TYP J	1024300000	B.141	WEP 2C 4	2894210000	B.155
WAP WDK2.5	1059100000	A.286	WDK 2.5 2D 2.A	1022600000	A.366	WDU 2.5/TC TYP K	1024100000	B.140	WEP 2C 4	2894210000	B.156
WAP WDK2.5	1059100000	A.304	WDK 2.5 BL	1021580000	A.284	WDU 2.5/TC TYP K	1024100000	B.141	WEP 2C 4	2894210000	B.157
WAP WDK2.5	1059100000	A.359	WDK 2.5 FF	1021700000	A.359	WDU 2.5/TC TYP N	1041500000	B.141	WEP 2C 4	2894210000	B.158
WAP WDK2.5	1059100000	A.364	WDK 2.5 LD GR 1R 24VDC	8010040000	A.367	WDU 2.5/TC TYP N	1041500000	B.141	WEP 2C 4 BK	2894230000	A.306
WAP WDK2.5	1059100000	A.365	WDK 2.5 LD RT 24VDC --	1023600000	A.367	WDU 2.5/TC TYP SR	1024400000	B.140	WEP 2C 4 BK	2894230000	A.307
WAP WDK2.5	1059100000	A.366	WDK 2.5 LD RT 24VDC --	8023630000	A.367	WDU 2.5/TC TYP SR	1024400000	B.141	WEP 2C 4 BK	2894230000	A.308
WAP WDK2.5	1059100000	A.367	WDK 2.5 LD/GN 1R 24VDC	8023610000	A.367	WDU 2.5/TC TYP T	1024200000	B.140	WEP 2C 4 BK	2894230000	A.309
WAP WDK2.5 BL	1059180000	A.284	WDK 2.5 ZQV	1041100000	A.285	WDU 2.5/TC TYP T	1024200000	B.141	WEP 2C 4 BK	2894230000	A.310
WAP WDK2.5 BL	1059180000	A.285	WDK 2.5 ZQV BL	1041180000	A.285	WDU 2.5N	1023700000	A.265	WEP 2C 4 BK	2894230000	A.334

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
WEP 2C 4 BL	2894220000	B.149	WEW 35/1 SW	1162600000	C.5	WEW 35/2	1061200000	B.74	WHP 2.5-35W/10X3 BL	1050280000	B.206
WEP 2C 4 BL	2894220000	B.150	WEW 35/1 SW	1162600000	C.12	WEW 35/2	1061200000	B.75	WHP WDL2.5/S BL	1067980000	B.208
WEP 2C 4 BL	2894220000	B.151	WEW 35/2	1061200000	A.263	WEW 35/2	1061200000	B.78	WHP WDL2.5/S BL	1067980000	B.209
WEP 2C 4 BL	2894220000	B.152	WEW 35/2	1061200000	A.264	WEW 35/2	1061200000	B.80	WHP WDL2.5/S BL	1067980000	B.210
WEP 2C 4 BL	2894220000	B.153	WEW 35/2	1061200000	A.265	WEW 35/2	1061200000	B.82	WHP WDL2.5/S BL	1067980000	B.211
WEP 2C 4 BL	2894220000	B.154	WEW 35/2	1061200000	A.266	WEW 35/2	1061200000	B.84	WKB 1/10	1604330000	B.249
WEP 2C 4 BL	2894220000	B.155	WEW 35/2	1061200000	A.267	WEW 35/2	1061200000	B.86	WKB 1/2	1604280000	B.249
WEP 2C 4 BL	2894220000	B.156	WEW 35/2	1061200000	A.268	WEW 35/2	1061200000	B.88	WKB 1/3	1604300000	B.249
WEP 2C 4 BL	2894220000	B.157	WEW 35/2	1061200000	A.269	WEW 35/2	1061200000	B.98	WKB 1/4	1604320000	B.249
WEP 2C 4 BL	2894220000	B.158	WEW 35/2	1061200000	A.270	WEW 35/2	1061200000	B.140	WKS 1/2	1604270000	B.249
WEP 2T 4	2894240000	A.324	WEW 35/2	1061200000	A.271	WEW 35/2	1061200000	B.149	WKS 1/2	1604270000	B.252
WEP 2T 4	2894240000	A.325	WEW 35/2	1061200000	A.272	WEW 35/2	1061200000	B.150	WKS 1/2	1604270000	B.253
WEP 2T 4	2894240000	A.326	WEW 35/2	1061200000	A.273	WEW 35/2	1061200000	B.151	WKS 1/3	1604290000	B.249
WEP 2T 4	2894240000	A.348	WEW 35/2	1061200000	A.274	WEW 35/2	1061200000	B.152	WKS 1/3	1604290000	B.253
WEP 2T 4	2894240000	A.349	WEW 35/2	1061200000	A.275	WEW 35/2	1061200000	B.153	WKS 1/4	1604310000	B.249
WEP 2T 4	2894240000	A.350	WEW 35/2	1061200000	A.277	WEW 35/2	1061200000	B.154	WKS 1/4	1604310000	B.253
WEP 2T 4	2894240000	A.351	WEW 35/2	1061200000	A.284	WEW 35/2	1061200000	B.155	WKS 2/2	1936140000	B.244
WEP 2T 4	2894240000	A.159	WEW 35/2	1061200000	A.285	WEW 35/2	1061200000	B.156	WKS 2/2	1936140000	B.245
WEP 2T 4	2894240000	B.160	WEW 35/2	1061200000	A.286	WEW 35/2	1061200000	B.157	WKS 2/2	1936140000	B.246
WEP 2T 4	2894240000	B.161	WEW 35/2	1061200000	A.287	WEW 35/2	1061200000	B.158	WKS 2/2	1936140000	B.249
WEP 2T 4	2894240000	B.162	WEW 35/2	1061200000	A.288	WEW 35/2	1061200000	B.159	WKS 2/3	1936150000	B.245
WEP 2T 4	2894240000	B.163	WEW 35/2	1061200000	A.289	WEW 35/2	1061200000	B.160	WKS 2/3	1936150000	B.246
WEP 2T 4	2894240000	B.164	WEW 35/2	1061200000	A.290	WEW 35/2	1061200000	B.161	WKS 2/3	1936150000	B.249
WEP 2T 4	2894240000	B.165	WEW 35/2	1061200000	A.291	WEW 35/2	1061200000	B.162	WKS 2/3	1936150000	B.250
WEP 2T 4 BK	2894260000	A.324	WEW 35/2	1061200000	A.292	WEW 35/2	1061200000	B.163	WKS 2/4	1936160000	B.245
WEP 2T 4 BK	2894260000	A.325	WEW 35/2	1061200000	A.293	WEW 35/2	1061200000	B.164	WKS 2/4	1936160000	B.246
WEP 2T 4 BK	2894260000	A.326	WEW 35/2	1061200000	A.294	WEW 35/2	1061200000	B.165	WVF 2.5	1143070000	B.170
WEP 2T 4 BK	2894260000	A.348	WEW 35/2	1061200000	A.295	WEW 35/2	1061200000	B.170	WVF 2.5 BL	1270040000	B.170
WEP 2T 4 BK	2894260000	A.349	WEW 35/2	1061200000	A.296	WEW 35/2	1061200000	B.172	WVF 2.5 BLZ	1143050000	B.173
WEP 2T 4 BK	2894260000	A.350	WEW 35/2	1061200000	A.297	WEW 35/2	1061200000	B.173	WVF 2.5 DI	1143020000	B.170
WEP 2T 4 BK	2894260000	A.351	WEW 35/2	1061200000	A.298	WEW 35/2	1061200000	B.204	WVF 2.5 DI BL	1270070000	B.170
WEP 2T 4 BK	2894260000	B.159	WEW 35/2	1061200000	A.299	WEW 35/2	1061200000	B.205	WVF 2.5 DI BLZ	1143000000	B.173
WEP 2T 4 BK	2894260000	B.160	WEW 35/2	1061200000	A.300	WEW 35/2	1061200000	B.206	WVF 2.5 DI BLZ PE	1143010000	B.174
WEP 2T 4 BK	2894260000	B.161	WEW 35/2	1061200000	A.301	WEW 35/2	1061200000	B.208	WVF 2.5 DI PE	1143030000	B.171
WEP 2T 4 BK	2894260000	B.162	WEW 35/2	1061200000	A.304	WEW 35/2	1061200000	B.209	WVF 2.5 DI PE BL	1270080000	B.171
WEP 2T 4 BK	2894260000	B.163	WEW 35/2	1061200000	A.305	WEW 35/2	1061200000	B.210	WVF 2.5 FU 10-36V SW	1162930000	B.172
WEP 2T 4 BK	2894260000	B.164	WEW 35/2	1061200000	A.306	WEW 35/2	1061200000	B.211	WVF 2.5 FU 100-250V SW	1162960000	B.172
WEP 2T 4 BK	2894260000	B.165	WEW 35/2	1061200000	A.307	WEW 35/2	1061200000	B.240	WVF 2.5 FU 30-70V SW	1162940000	B.172
WEP 2T 4 BL	2894250000	A.324	WEW 35/2	1061200000	A.308	WEW 35/2	1061200000	B.242	WVF 2.5 FU 60-150V SW	1162950000	B.172
WEP 2T 4 BL	2894250000	A.325	WEW 35/2	1061200000	A.309	WEW 35/2	1061200000	B.243	WVF 2.5 FU BLZ 10-36V SW	1162990000	B.175
WEP 2T 4 BL	2894250000	A.326	WEW 35/2	1061200000	A.310	WEW 35/2	1061200000	B.244	WVF 2.5 FU BLZ 100-250V SW	1163020000	B.175
WEP 2T 4 BL	2894250000	A.348	WEW 35/2	1061200000	A.311	WEW 35/2	1061200000	B.245	WVF 2.5 FU BLZ 30-70V SW	1163000000	B.175
WEP 2T 4 BL	2894250000	A.349	WEW 35/2	1061200000	A.312	WEW 35/2	1061200000	B.246	WVF 2.5 FU BLZ 60-150V SW	1163010000	B.175
WEP 2T 4 BL	2894250000	A.350	WEW 35/2	1061200000	A.313	WEW 35/2	1061200000	B.250	WVF 2.5 FU BLZ PE 10-36V SW	1162830000	B.175
WEP 2T 4 BL	2894250000	A.351	WEW 35/2	1061200000	A.314	WEW 35/2	1061200000	B.251	WVF 2.5 FU BLZ PE 100-250V SW	1162860000	B.175
WEP 2T 4 BL	2894250000	B.159	WEW 35/2	1061200000	A.315	WEW 35/2	1061200000	B.252	WVF 2.5 FU BLZ PE SW	1162820000	B.175
WEP 2T 4 BL	2894250000	B.160	WEW 35/2	1061200000	A.318	WEW 35/2	1061200000	B.253	WVF 2.5 FU BLZ SW	1162980000	B.175
WEP 2T 4 BL	2894250000	B.161	WEW 35/2	1061200000	A.319	WEW 35/2	1061200000	B.283	WVF 2.5 FU PE 10-36V SW	1163050000	B.172
WEP 2T 4 BL	2894250000	B.162	WEW 35/2	1061200000	A.320	WEW 35/2	1061200000	B.292	WVF 2.5 FU PE 100-250V SW	1163080000	B.172
WEP 2T 4 BL	2894250000	B.163	WEW 35/2	1061200000	A.323	WEW 35/2	1061200000	B.293	WVF 2.5 FU PE 30-70V SW	1163060000	B.172
WEP 2T 4 BL	2894250000	B.164	WEW 35/2	1061200000	A.324	WEW 35/2	1061200000	B.294	WVF 2.5 FU PE 60-150V SW	1163070000	B.172
WEP 2T 4 BL	2894250000	B.165	WEW 35/2	1061200000	A.325	WEW 35/2	1061200000	C.5	WVF 2.5 FU PE SW	1163040000	B.172
WEW 32/1	1067600000	C.12	WEW 35/2	1061200000	A.326	WEW 35/2	1061200000	C.12	WVF 2.5 FU SW	1162920000	B.172
WEW 35/1	1059000000	A.274	WEW 35/2	1061200000	A.332	WEW 35/2 GR	1859200000	B.40	WNT 10 10X3	1010980000	B.205
WEW 35/1	1059000000	A.275	WEW 35/2	1061200000	A.333	WEW 35/2 GR	1859200000	B.41	WNT 10 10X3 BE	1010990000	B.205
WEW 35/1	1059000000	A.276	WEW 35/2	1061200000	A.334	WEW 35/2 GR	1859200000	B.44	WNT 16N 10X3	1019000000	B.205
WEW 35/1	1059000000	A.277	WEW 35/2	1061200000	A.335	WEW 35/2 GR	1859200000	B.45	WNT 15 10X3	1010680000	B.204
WEW 35/1	1059000000	A.278	WEW 35/2	1061200000	A.336	WEW 35/2 GR	1859200000	B.48	WNT 2.5 10X3 BE	1010690000	B.204
WEW 35/1	1059000000	A.279	WEW 35/2	1061200000	A.337	WEW 35/2 GR	1859200000	B.50	WNT 35N 10X3	1178550000	B.206
WEW 35/1	1059000000	A.280	WEW 35/2	1061200000	A.338	WEW 35/2 GR	1859200000	C.5	WNT 4 10X3	1010780000	B.204
WEW 35/1	1059000000	A.283	WEW 35/2	1061200000	A.339	WEW 35/2 GR	1859200000	C.12	WNT 6 10X3	1010880000	B.205
WEW 35/1	1059000000	A.293	WEW 35/2	1061200000	A.340	WEW 35/2 SW	1061210000	A.344	WNT 70N/35	9512210000	B.206
WEW 35/1	1059000000	A.299	WEW 35/2	1061200000	A.341	WEW 35/2 SW	1061210000	C.5	WP 2.5/1AN/1	1305270000	A.352
WEW 35/1	1059000000	A.300	WEW 35/2	1061200000	A.342	WEW 35/2 SW	1061210000	C.12	WP 2.5/1AN/1	1305270000	A.353
WEW 35/1	1059000000	A.301	WEW 35/2	1061200000	A.343	WEW WTL 35	1925040000	B.254	WP 2.5/1AN/1	1305270000	A.356
WEW 35/1	1059000000	A.302	WEW 35/2	1061200000	A.344	WEW WTL 35	1925040000	B.255	WP 2.5/1AN/1 ZA	1350990000	A.356
WEW 35/1	1059000000	A.303	WEW 35/2	1061200000	A.348	WF 10	1780870000	A.400	WP 2.5/1AN/1 ZA O.RA	1351000000	A.356
WEW 35/1	1059000000	A.346	WEW 35/2	1061200000	A.349	WF 10 NFF	1968950000	A.401	WP 2.5/1AN/10	1305280000	A.352
WEW 35/1	1059000000	A.347	WEW 35/2	1061200000	A.350	WF 10/2BZ	1789790000	A.403	WP 2.5/1AN/10	1305280000	A.353
WEW 35/1	1059000000	A.361	WEW 35/2	1061200000	A.351	WF 12	1780880000	A.401	WP4/1AN/1	1107790000	A.354
WEW 35/1	1059000000	A.404	WEW 35/2	1061200000	A.352	WF 12 NFF	1968940000	A.401	WP4/1AN/1	1107790000	A.356
WEW 35/1	1059000000	A.405	WEW 35/2	1061200000	A.353	WF 5	1790130000	A.398	WP4/1AN/1 ZA	1108490000	A.354
WEW 35/1	1059000000	A.406	WEW 35/2	1061200000	A.354	WF 5 NFF	1968990000	A.398	WP4/1AN/1 ZA	1108490000	A.356
WEW 35/1	1059000000	A.407	WEW 35/2	1061200000	A.358	WF 6	1780850000	A.399	WP4/1AN/10	1107800000	A.354
WEW 35/1	1059000000	B.21	WEW 35/2	1061200000	A.359	WF 6 NFF	1969000000	A.399	WPD 100 2X25/6X10 BK	2814490000	B.56
WEW 35/1	1059000000	B.26	WEW 35/2	1061200000	A.360	WF 6/2BZ	1789770000	A.402	WPD 100 2X25/6X10 BL	1561920000	B.56
WEW 35/1	1059000000	B.27	WEW 35/2	1061200000	A.363	WF 8	1780860000	A.399	WPD 100 2X25/6X10 BN	2814500000	B.56
WEW 35/1	1059000000	B.28	WEW 35/2	1061200000	A.364	WF 8 NFF	1968960000	A.400	WPD 100 2X25/6X10 GN	1561930000	B.56
WEW 35/1	1059000000	B.29	WEW 35/2	1061200000	A.365	WF 8/2BZ	1789780000	A.402	WPD 100 2X25/6X10 GY	1561910000	B.56
WEW 35/1	1059000000	B.30	WEW 35/2	1061200000	A.366	WFF 120	1028500000	A.405	WPD 101 2X25/2X16 BK	1561100000	B.60
WEW 35/1	1059000000	B.32	WEW 35/2	1061200000	A.367	WFF 120 BL	1028580000	A.405	WPD 101 2X25/2X16 BL	1560670000	B.60
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WPD 105 1X35+1X16/2X25+3X16 BL	2518540000	B.74	WPD 305 3X35/6X25+9X16 3XRD	2725330000	B.75	WQL 2 WF8	1780990000	A.410	WQV 16N/3	1636570000	A.381
WPD 105 1X35+1X16/2X25+3X16 GY	1562170000	B.74	WPD 330 3X50/3X50 1XBN/1XBK/1XGY	2502650000	B.41	WQL 2 WFF120	1065100000	A.405	WQV 16N/4	1636580000	A.275
WPD 105 1X35+1X16/2X25+3X16 RD	2725310000	B.74	WPD 330 3X50/3X50 1XGY/1XBL/1XGN	2502640000	B.41	WQL 2 WFF120	1065100000	A.406	WQV 16N/4	1636580000	A.381
WPD 106 1X70/2X25+3X16 BK	2725440000	B.78	WPD 330 3X50/3X50 3XGY	2502620000	B.41	WQL 2 WFF120	1065100000	A.410	WQV 16N/4	1636580000	B.293
WPD 106 1X70/2X25+3X16 BL	2518570000	B.78	WPD 330CC 3X50/3X50 BK	2874520000	B.41	WQL 2 WFF185	1065200000	A.406	WQV 2.5/10	1054460000	A.263
WPD 106 1X70/2X25+3X16 GY	1562210000	B.78	WPD 330CC 3X50/3X50 BL	2874530000	B.41	WQL 2 WFF185	1065200000	A.407	WQV 2.5/10	1054460000	A.264
WPD 106 1X70/2X25+3X16 RD	2725340000	B.78	WPD 330CC 3X50/3X50 BN	2874540000	B.41	WQL 2 WFF185	1065200000	A.410	WQV 2.5/10	1054460000	A.265
WPD 107 1X95/2X35+8X25 BK	2725450000	B.80	WPD 330CC 3X50/3X50 GN	2874550000	B.41	WQL 2 WFF300	1065300000	A.407	WQV 2.5/10	1054460000	A.266
WPD 107 1X95/2X35+8X25 BL	2521730000	B.80	WPD 330CC 3X50/3X50 GY	2874510000	B.41	WQL 2 WFF300	1065300000	A.410	WQV 2.5/10	1054460000	A.284
WPD 107 1X95/2X35+8X25 GY	1562220000	B.80	WPD 331CC 3X95/3X95 BK	2874570000	B.45	WQL 2 WFF35	1064900000	A.404	WQV 2.5/10	1054460000	A.285
WPD 107 1X95/2X35+8X25 RD	2725350000	B.80	WPD 331CC 3X95/3X95 BL	2874580000	B.45	WQL 2 WFF35	1064900000	A.410	WQV 2.5/10	1054460000	A.286
WPD 108 1X120/2X35+3X25+4X16 BK	2725380000	B.82	WPD 331CC 3X95/3X95 BN	2874590000	B.45	WQL 2 WFF70	1065000000	A.405	WQV 2.5/10	1054460000	A.304
WPD 108 1X120/2X35+3X25+4X16 BL	2519480000	B.82	WPD 331CC 3X95/3X95 GN	2874600000	B.45	WQL 2 WFF70	1065000000	A.410	WQV 2.5/10	1054460000	A.304
WPD 108 1X120/2X35+3X25+4X16 GY	1562100000	B.82	WPD 331CC 3X95/3X95 GY	2874560000	B.45	WQL 3 WF10	1781020000	A.400	WQV 2.5/10	1054460000	A.346
WPD 108 1X120/2X35+3X25+4X16 RD	2725280000	B.82	WPD 401 2X25/2X16 3XGY/1XBL	1562130000	B.61	WQL 3 WF10	1781020000	A.401	WQV 2.5/10	1054460000	A.358
WPD 109 1X185/2X35+3X25+4X16 BK	2725370000	B.84	WPD 401 2X25/2X16 4XGY	1562180000	B.61	WQL 3 WF10	1781020000	A.403	WQV 2.5/10	1054460000	A.359
WPD 109 1X185/2X35+3X25+4X16 BL	2519490000	B.84	WPD 501 2X25/2X16 1XBN/BK/GY/BLGN	2976330000	B.61	WQL 3 WF10	1781020000	A.410	WQV 2.5/10	1054460000	A.360
WPD 109 1X185/2X35+3X25+4X16 GY	1562090000	B.84	WPD 501 2X25/2X16 1XGN/3XGY/1XBL	1562140000	B.61	WQL 3 WF12	1781040000	A.401	WQV 2.5/10	1054460000	A.364
WPD 109 1X185/2X35+3X25+4X16 RD	2725270000	B.84	WPD 501 2X25/2X16 3XGY/1XBL/1XGN	3053740000	B.61	WQL 3 WF12	1781040000	A.410	WQV 2.5/10	1054460000	A.365
WPD 110 1X70+1X35/6X16 BK	2814510000	B.58	WPD 501 2X25/2X16 5XGY	1561750000	B.61	WQL 3 WF5	1812740000	A.398	WQV 2.5/10	1054460000	A.366
WPD 110 1X70+1X35/6X16 BL	2603820000	B.58	WPD 530 5X50/5X50 3XGY/1XBL/1XGN	2935040000	B.41	WQL 3 WF5	1812740000	A.410	WQV 2.5/10	1054460000	A.367
WPD 110 1X70+1X35/6X16 BN	2814520000	B.58	WPDPC X30 GY	2503330000	B.40	WQL 3 WF6	1780980000	A.399	WQV 2.5/10	1054460000	A.380
WPD 110 1X70+1X35/6X16 GN	2603830000	B.58	WPDPC X30 GY	2503330000	B.41	WQL 3 WF6	1780980000	A.402	WQV 2.5/10	1054460000	B.292
WPD 110 1X70+1X35/6X16 GY	2603810000	B.58	WPDPC X31 GY	2503370000	B.44	WQL 3 WF6	1780980000	A.410	WQV 2.5/15	1059660000	A.380
WPD 111 1X95/4X35 BK	2730320000	B.86	WPDPC X31 GY	2503370000	B.45	WQL 3 WF6-10/2	1806640000	A.409	WQV 2.5/2	1053660000	A.263
WPD 111 1X95/4X35 BL	2603800000	B.86	WPDPC X32 GY	2503380000	B.48	WQL 3 WF8	1781000000	A.399	WQV 2.5/2	1053660000	A.264
WPD 111 1X95/4X35 GY	2603790000	B.86	WPDPC X33 GY	2503390000	B.50	WQL 3 WF8	1781000000	A.400	WQV 2.5/2	1053660000	A.265
WPD 111 1X95/4X35 RD	2730310000	B.86	WPE 1.5/R3.5	1798460000	A.294	WQL 3 WF8	1781000000	A.402	WQV 2.5/2	1053660000	A.266
WPD 113 1X185+1X150/8X35 BK	2730360000	B.88	WPE 1.5/ZZ	1016500000	A.294	WQL 3 WF8	1781000000	A.410	WQV 2.5/2	1053660000	A.284
WPD 113 1X185+1X150/8X35 BL	2603750000	B.88	WPE 10	1010300000	A.299	WQL 3 WFF120	1065600000	A.405	WQV 2.5/2	1053660000	A.285
WPD 113 1X185+1X150/8X35 GY	2603740000	B.88	WPE 10/ZR	1042500000	A.299	WQL 3 WFF120	1065600000	A.406	WQV 2.5/2	1053660000	A.286
WPD 113 1X185+1X150/8X35 RD	2730350000	B.88	WPE 120/150	1019700000	A.303	WQL 3 WFF120	1065600000	A.410	WQV 2.5/2	1053660000	A.304
WPD 130 1X50/1X50 BK	2502570000	B.40	WPE 120/150	1019700000	B.35	WQL 3 WFF185	1065700000	A.406	WQV 2.5/2	1053660000	A.346
WPD 130 1X50/1X50 BL	2502540000	B.40	WPE 16	1010400000	A.299	WQL 3 WFF185	1065700000	A.407	WQV 2.5/2	1053660000	A.347
WPD 130 1X50/1X50 BN	2502560000	B.40	WPE 16N	1019100000	A.300	WQL 3 WFF185	1065700000	A.410	WQV 2.5/2	1053660000	A.358
WPD 130 1X50/1X50 GN	2502550000	B.40	WPE 2.5	1010000000	A.295	WQL 3 WFF300	1065800000	A.407	WQV 2.5/2	1053660000	A.359
WPD 130 1X50/1X50 GY	2502530000	B.40	WPE 2.5 WS	1010010000	B.279	WQL 3 WFF300	1065800000	A.410	WQV 2.5/2	1053660000	A.360
WPD 131 1X95/1X95 BK	2502690000	B.44	WPE 2.5 WS	1010010000	B.283	WQL 3 WFF35	1065400000	A.404	WQV 2.5/2	1053660000	A.364
WPD 131 1X95/1X95 BL	2502660000	B.44	WPE 2.5/1.5/ZR	1016400000	A.295	WQL 3 WFF35	1065400000	A.410	WQV 2.5/2	1053660000	A.365
WPD 131 1X95/1X95 BN	2502680000	B.44	WPE 2.5N	1016200000	A.296	WQL 3 WFF70	1065500000	A.405	WQV 2.5/2	1053660000	A.366
WPD 131 1X95/1X95 GY	2502670000	B.44	WPE 35	1010500000	A.300	WQL 3 WFF70	1065500000	A.410	WQV 2.5/2	1053660000	A.367
WPD 131 1X95/1X95 RD	2502690000	B.44	WPE 35	1010500000	B.32	WQL 4 WF10	1027840000	A.400	WQV 2.5/2	1053660000	A.380
WPD 132 1X185/1X185 BK	2502790000	B.48	WPE 35/KSC	1012600000	A.301	WQL 4 WF10	1027840000	A.401	WQV 2.5/2	1053660000	B.292
WPD 132 1X185/1X185 BL	2502760000	B.48	WPE 35/KSC	1012600000	B.33	WQL 4 WF10	1027840000	A.410	WQV 2.5/20	1577570000	A.380
WPD 132 1X185/1X185 GN	2502780000	B.48	WPE 35N	1717740000	A.301	WQL 4 WFF6-3	1904960000	A.409	WQV 2.5/3	1053760000	A.380
WPD 132 1X185/1X185 GY	2502770000	B.48	WPE 35N	1717740000	B.32	WQS 2/16/5	1925070000	B.254	WQV 2.5/3	1577600000	A.380
WPD 132 1X185/1X185 RD	2502750000	B.48	WPE 4	1010100000	A.297	WQS 2/16/5	1925070000	B.255	WQV 2.5/2	1053860000	A.380
WPD 133 1X300/1X300 BK	2502890000	B.50	WPE 4/ZR	1905120000	A.297	WQV 10/10	1052460000	A.272	WQV 2.5/5	1053960000	A.380
WPD 133 1X300/1X300 BL	2502860000	B.50	WPE 4/ZZ	1905130000	A.297	WQV 10/10	1052460000	A.273	WQV 2.5/6	1054060000	A.380
WPD 133 1X300/1X300 BN	2502880000	B.50	WPE 4N	1042700000	A.298	WQV 10/10	1052460000	A.274	WQV 2.5/7	1054160000	A.380
WPD 133 1X300/1X300 GN	2502870000	B.50	WPE 50N	1846040000	A.301	WQV 10/10	1052460000	A.289	WQV 2.5/8	1054260000	A.380
WPD 133 1X300/1X300 GY	2502850000	B.50	WPE 50N	1846040000	B.33	WQV 10/10	1052460000	A.290	WQV 2.5/9	1054360000	A.380
WPD 201 4X25/4X16 BK	2731260000	B.62	WPE 6	1010200000	A.298	WQV 10/10	1052460000	A.291	WQV 35-10/6/4	1068000000	A.383
WPD 201 4X25/4X16 BL	2731230000	B.62	WPE 70/95	1037300000	A.303	WQV 10/10	1052460000	A.292	WQV 35-2/10	1064100000	A.383
WPD 201 4X25/4X16 BN	2731250000	B.62	WPE 70/95	1037300000	B.34	WQV 10/10	1052460000	A.293	WQV 35/10	1053160000	A.276
WPD 201 4X25/4X16 GN	2731240000	B.62	WPE 70N/35	9512200000	A.302	WQV 10/10	1052460000	A.305	WQV 35/10	1053160000	A.277
WPD 201 4X25/4X16 GY	2731220000	B.62	WPE 70N/35	9512200000	B.33	WQV 10/10	1052460000	A.310	WQV 35/10	1053160000	A.381
WPD 202 4X35/4X25 BK	1561890000	B.66	WPE 95N/120N	1846030000	A.302	WQV 10/10	1052460000	B.98	WQV 35/10	1053160000	B.26
WPD 202 4X35/4X25 BL	1561700000	B.66	WPE 95N/120N	1846030000	B.34	WQV 10/2	1052560000	A.272	WQV 35/10	1053160000	B.27
WPD 202 4X35/4X25 BN	1561720000	B.66	WPD 4	1036000000	A.362	WQV 10/2	1052560000	A.273	WQV 35/10	1053160000	B.294
WPD 202 4X35/4X25 GN	1561620000	B.66	WQB 240/2	1802790000	A.280	WQV 10/2	1052560000	A.274	WQV 35/2	1053060000	A.276
WPD 202 4X35/4X25 GY	1561730000	B.66	WQB 240/2	1802790000	B.30	WQV 10/2	1052560000	A.289	WQV 35/2	1053060000	A.277
WPD 204 2X25/4X16+6X10 2XBK	2725390000	B.70	WQB 240/3	1802800000	A.280	WQV 10/2	1052560000	A.290	WQV 35/2	1053060000	A.381
WPD 204 2X25/4X16+6X10 2XBL	2518330000	B.70	WQB 240/3	1802800000	B.30	WQV 10/2	1052560000	A.291	WQV 35/2	1053060000	B.26
WPD 204 2X25/4X16+6X10 2XGY	1562150000	B.70	WQB PEN 16N	1079600000	A.389	WQV 10/2	1052560000	A.292	WQV 35/2	1053060000	B.27
WPD 204 2X25/4X16+6X10 2XRD	2725290000	B.70	WQB PEN 35N	1079500000	A.389	WQV 10/2	1052560000	A.293	WQV 35/2	1053060000	B.254
WPD 205 2X35/4X25+6X16 2XBK	2725420000	B.74	WQB PEN 70N	1079700000	A.389	WQV 10/2	1052560000	A.305	WQV 35/2	1053060000	B.255
WPD 205 2X35/4X25+6X16 2XBL	2519470000	B.74	WQB WPD X04/2	1561980000	B.70	WQV 10/2	1052560000	A.381	WQV 35/2	1053060000	B.294
WPD 205 2X35/4X25+6X16 2XGY	1562180000	B.74	WQB WPD X04/3	1561990000	B.70	WQV 10/2	1052560000	B.98	WQV 35/2	1053060000	A.381
WPD 205 2X35/4X25+6X16 2XRD	2725320000	B.74	WQB WPD X05/2	1561960000	B.74	WQV 10/3	1054960000	A.381	WQV 35N/4	1054600000	A.381
WPD 230 2X50/2X50 BK	2502950000	B.40	WQB WPD X05/3	1561970000	B.74	WQV 10/4	1055060000	A.381	WQV 4/5	1079200000	A.277
WPD 230 2X50/2X50 BL	2502960000	B.40	WQB WPD X06/2	1561940000	B.78	WQV 120-PEN	1072400000	A.303	WQV 35N/2	10792000	

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ZAP/TW6/3AN BL	7907380000	A.155	ZDU 10/3AN BL	1767700000	A.156	ZEW 35	9540000000	A.155	ZP 2.5/1AN/13 GN/BE	1867200000	A.230
ZAP/TW7	1706110000	A.160	ZDU 16	1745230000	A.157	ZEW 35	9540000000	A.156	ZP 2.5/1AN/14	1815600000	A.230
ZAP/TW7	1706110000	A.161	ZDU 16 BL	1745240000	A.157	ZEW 35	9540000000	A.157	ZP 2.5/1AN/14 GN/BE	1867210000	A.230
ZAP/TW7	1706110000	A.190	ZDU 16/3AN	1768320000	A.157	ZEW 35	9540000000	A.158	ZP 2.5/1AN/15	1815610000	A.230
ZAP/TW7	1706110000	A.191	ZDU 16/3AN BL	1768330000	A.157	ZEW 35	9540000000	A.160	ZP 2.5/1AN/15 GN/BE	1867220000	A.230
ZAP/TW7	1706110000	A.215	ZDU 2.5	1608510000	A.152	ZEW 35	9540000000	A.161	ZP 2.5/1AN/16	1815620000	A.230
ZAP/TW7	1706110000	A.240	ZDU 2.5 BL	1608520000	A.152	ZEW 35	9540000000	A.162	ZP 2.5/1AN/17	1815180000	A.230
ZAP/TW7	1706110000	A.241	ZDU 2.5-2	1772060000	A.160	ZEW 35	9540000000	A.163	ZP 2.5/1AN/17 GN/BE	1867240000	A.230
ZAP/TW7 BL	1706120000	A.160	ZDU 2.5-2 BL	1772070000	A.160	ZEW 35	9540000000	A.164	ZP 2.5/1AN/2	1815440000	A.219
ZAP/TW7 BL	1706120000	A.161	ZDU 2.5-2 O.EL	1868870000	A.240	ZEW 35	9540000000	A.165	ZP 2.5/1AN/2	1815440000	A.230
ZAP/Z...16-2/1AN	1772970000	A.163	ZDU 2.5-2/3AN	1706010000	A.160	ZEW 35	9540000000	A.166	ZP 2.5/1AN/2 GN/BE	1867090000	A.230
ZAP/Z...16-2/1AN	1772970000	A.193	ZDU 2.5-2/3AN BL	1706040000	A.160	ZEW 35	9540000000	A.167	ZP 2.5/1AN/3	1815450000	A.219
ZB 16 ZKSC	0316600000	B.204	ZDU 2.5-2/4AN	1706060000	A.161	ZEW 35	9540000000	A.168	ZP 2.5/1AN/3	1815450000	A.230
ZB 16 ZKSC	0316600000	B.205	ZDU 2.5-2/4AN BL	1706070000	A.161	ZEW 35	9540000000	A.169	ZP 2.5/1AN/3 GN/BE	1867100000	A.230
ZB 16 ZKSC	0316600000	B.206	ZDU 2.5-2/D+	1779110000	A.240	ZEW 35	9540000000	A.170	ZP 2.5/1AN/4	1815500000	A.219
ZB 16 ZKSC	0316600000	B.210	ZDU 2.5-2/D-	1779000000	A.241	ZEW 35	9540000000	A.171	ZP 2.5/1AN/4	1815500000	A.230
ZB 16 ZKSC	0316600000	B.211	ZDU 2.5/2X2AN	1608600000	A.153	ZEW 35	9540000000	A.173	ZP 2.5/1AN/4 GN/BE	1867110000	A.230
ZB 35/M6X16	0268500000	B.204	ZDU 2.5/2X2AN BL	1608610000	A.153	ZEW 35	9540000000	A.174	ZP 2.5/1AN/5	1815510000	A.219
ZB 35/M6X16	0268500000	B.205	ZDU 2.5/2X2AN/D+	1650340000	A.239	ZEW 35	9540000000	A.175	ZP 2.5/1AN/5	1815510000	A.230
ZB 35/M6X16	0268500000	B.206	ZDU 2.5/2X2AN/D-	1650350000	A.239	ZEW 35	9540000000	A.176	ZP 2.5/1AN/5 GN/BE	1867120000	A.230
ZB 35/M6X16 BL	0268500000	B.210	ZDU 2.5/2X2AN/LD+	1692590000	A.238	ZEW 35	9540000000	A.177	ZP 2.5/1AN/6	1815520000	A.219
ZB 35/M6X16	0268500000	B.211	ZDU 2.5/2X2AN/LD-	1692600000	A.238	ZEW 35	9540000000	A.178	ZP 2.5/1AN/6	1815520000	A.230
ZB 4	0316500000	B.204	ZDU 2.5/3AN	1608540000	A.152	ZEW 35	9540000000	A.179	ZP 2.5/1AN/6 GN/BE	1867130000	A.230
ZB 4	0316500000	B.205	ZDU 2.5/3AN BL	1608550000	A.152	ZEW 35	9540000000	A.180	ZP 2.5/1AN/7	1815530000	A.219
ZB 4	0316500000	B.206	ZDU 2.5/4AN	1608570000	A.153	ZEW 35	9540000000	A.181	ZP 2.5/1AN/7	1815530000	A.230
ZB 4	0316500000	B.210	ZDU 2.5/4AN BL	1608580000	A.153	ZEW 35	9540000000	A.183	ZP 2.5/1AN/7 GN/BE	1867140000	A.230
ZB 4	0316500000	B.211	ZDU 2.5N	1933700000	A.164	ZEW 35	9540000000	A.184	ZP 2.5/1AN/8	1815540000	A.219
ZBB ZDUB	1704740000	A.145	ZDU 2.5N BL	1933710000	A.164	ZEW 35	9540000000	A.185	ZP 2.5/1AN/8	1815540000	A.230
ZDK 1.5	1791100000	A.166	ZDU 2.5N/3AN	1933720000	A.164	ZEW 35	9540000000	A.186	ZP 2.5/1AN/8 GN/BE	1867150000	A.230
ZDK 1.5 BL	1791110000	A.166	ZDU 2.5N/3AN BL	1933730000	A.164	ZEW 35	9540000000	A.187	ZP 2.5/1AN/9	1815550000	A.219
ZDK 1.5DU-PE	1791120000	A.167	ZDU 2.5N/4AN	1933740000	A.165	ZEW 35	9540000000	A.188	ZP 2.5/1AN/9	1815550000	A.230
ZDK 1.5PE	1791150000	A.196	ZDU 2.5N/4AN BL	1933750000	A.165	ZEW 35	9540000000	A.189	ZP 2.5/1AN/9 GN/BE	1867160000	A.230
ZDK 1.5V	1791130000	A.166	ZDU 35	1739620000	A.158	ZEW 35	9540000000	A.190	ZP 2.5/1AN/OV	1007900000	A.234
ZDK 1.5V BL	1791140000	A.166	ZDU 35 BL	1739630000	A.158	ZEW 35	9540000000	A.191	ZP 2.5/1AN/OV GN	1007920000	A.234
ZDK 2.5	1674300000	A.168	ZDU 4	1632050000	A.154	ZEW 35	9540000000	A.192	ZP 2.5/1AN/OV ZA	1007930000	A.234
ZDK 2.5 BL	1678630000	A.168	ZDU 4 BL	1632060000	A.154	ZEW 35	9540000000	A.193	ZP 2.5/1AN/OV ZA GN	1007950000	A.234
ZDK 2.5 EM	1768800000	A.241	ZDU 4-2/2AN	1770370000	A.161	ZEW 35	9540000000	A.194	ZP 2.5/1AN/OV ZA O.RA	1007960000	A.234
ZDK 2.5 OR	1694140000	A.241	ZDU 4-2/2AN BL	1770400000	A.161	ZEW 35	9540000000	A.195	ZP 2.5/1AN/OV ZA O.RA BL	1007970000	A.234
ZDK 2.5-2	1790990000	A.174	ZDU 4-2/3AN	1770360000	A.161	ZEW 35	9540000000	A.196	ZP 2.5/1AN/OV ZA O.RA GN	1007980000	A.234
ZDK 2.5-2 BL	1791000000	A.174	ZDU 4-2/3AN BL	1770360000	A.161	ZEW 35	9540000000	A.197	ZP 2.5/1AN/OV/1	1815190000	A.218
ZDK 2.5-2/4AN	1394040000	A.175	ZDU 4-2/3AN LSC	1790520000	A.162	ZEW 35	9540000000	A.214	ZP 2.5/1AN/OV/1	1815190000	A.219
ZDK 2.5-2/LD 24VUC	1905310000	A.246	ZDU 4-2/3AN LSC BL	1804890000	A.162	ZEW 35	9540000000	A.215	ZP 2.5/1AN/OV/1	1815190000	A.224
ZDK 2.5-2PE	1791010000	A.197	ZDU 4-2/4AN	1806980000	A.162	ZEW 35	9540000000	A.216	ZP 2.5/1AN/OV/1	1815190000	A.225
ZDK 2.5-2V	1791030000	A.174	ZDU 4-2/4AN BL	1806990000	A.162	ZEW 35	9540000000	A.227	ZP 2.5/1AN/OV/1	1815190000	A.231
ZDK 2.5-2V BL	1791040000	A.174	ZDU 4/3AN	7904180000	A.154	ZEW 35	9540000000	A.238	ZP 2.5/1AN/OV/1 GN	1820570000	A.231
ZDK 2.5/3AN	1924510000	A.180	ZDU 4/3AN BL	7904190000	A.154	ZEW 35	9540000000	A.239	ZP 2.5/1AN/OV/10	1815210000	A.218
ZDK 2.5/3AN BL	1924500000	A.180	ZDU 4/4AN	7904290000	A.155	ZEW 35	9540000000	A.240	ZP 2.5/1AN/OV/10	1815280000	A.219
ZDK 2.5/3AN DU-PE	1924460000	A.181	ZDU 4/4AN BL	7904300000	A.155	ZEW 35	9540000000	A.241	ZP 2.5/1AN/OV/10	1815280000	A.224
ZDK 2.5/3AN PE	1924470000	A.198	ZDU 6	1608620000	A.155	ZEW 35	9540000000	A.242	ZP 2.5/1AN/OV/10	1815280000	A.225
ZDK 2.5/3AN V	1924490000	A.180	ZDU 6 BL	1608630000	A.155	ZEW 35	9540000000	A.243	ZP 2.5/1AN/OV/10	1815280000	A.231
ZDK 2.5/3AN V BL	1924480000	A.180	ZDU 6-2/2AN	1771380000	A.163	ZEW 35	9540000000	A.244	ZP 2.5/1AN/OV/11	1815290000	A.231
ZDK 2.5/D/1	1690020000	A.243	ZDU 6-2/2AN BL	1771390000	A.163	ZEW 35	9540000000	A.245	ZP 2.5/1AN/OV/12	1815300000	A.231
ZDK 2.5/D/2	1690030000	A.243	ZDU 6-2/3AN	1771410000	A.163	ZEW 35	9540000000	A.246	ZP 2.5/1AN/OV/13	1815310000	A.231
ZDK 2.5/D/4	1690040000	A.243	ZDU 6-2/3AN BL	1771420000	A.163	ZEW 35	9540000000	B.97	ZP 2.5/1AN/OV/14	1815320000	A.231
ZDK 2.5/D/5	1690050000	A.244	ZDU 6/3AN	7907410000	A.155	ZEW 35	9540000000	B.282	ZP 2.5/1AN/OV/15	1815330000	A.231
ZDK 2.5/D/6	1690060000	A.244	ZDU 6/3AN BL	7907420000	A.155	ZEW 35	9540000000	B.298	ZP 2.5/1AN/OV/16	1815340000	A.231
ZDK 2.5/D/9	2738140000	A.245	ZDUA 2.5-2	1720920000	A.147	ZEW 35	9540000000	C.12	ZP 2.5/1AN/OV/17	1815350000	A.231
ZDK 2.5/LD RT/1	1690010000	A.242	ZDUA 2.5-2 BL	1720930000	A.147	ZEW 35 GR	1238040000	C.12	ZP 2.5/1AN/OV/2	1815200000	A.218
ZDK 2.5/LD RT/2	1693940000	A.242	ZDUA 2.5-2 OR	1720940000	A.147	ZEW 35/2	8630740000	A.172	ZP 2.5/1AN/OV/2	1815200000	A.219
ZDK 2.5DU-PE	1689970000	A.169	ZDUA 2.5-2Z	1808200000	A.147	ZEW 35/2	8630740000	A.198	ZP 2.5/1AN/OV/2	1815200000	A.224
ZDK 2.5N-DU	1689980000	A.169	ZDUB 2.5-2/2AN/15	1712750000	A.146	ZEW 35/2	8630740000	B.117	ZP 2.5/1AN/OV/2	1815200000	A.225
ZDK 2.5N-PE	1689990000	A.169	ZDUB 2.5-2/2AN/15 BL	1712760000	A.146	ZEW 35/2 GR	8630740000	C.12	ZP 2.5/1AN/OV/2	1815200000	A.231
ZDK 2.5PE	1690000000	A.196	ZDUB 2.5-2/2AN/15 OR	1712770000	A.146	ZEW 35/2 SW	1162610000	B.166	ZP 2.5/1AN/OV/3	1815210000	A.219
ZDK 2.5V	1689990000	A.168	ZDUB 2.5-2/2AN/DB	1704500000	A.145	ZEW 35/2 SW	1162610000	B.167	ZP 2.5/1AN/OV/3	1815210000	A.224
ZDK 2.5V BL	1745890000	A.168	ZDUB 2.5-2/2AN/DB GE	1704530000	A.145	ZEW 35/2 SW	1162610000	B.169	ZP 2.5/1AN/OV/3	1815210000	A.225
ZDK 4-2	8670750000	A.177	ZDUB 2.5-2/2AN/DM	1704350000	A.145	ZEW 35/2 SW	1162610000	C.12	ZP 2.5/1AN/OV/3	1815210000	A.231
ZDK 4-2 BL	8670850000	A.177	ZDUB 2.5-2/2AN/DM BL	1704360000	A.145	ZEW 35/2 SW	1162610000	C.12	ZP 2.5/1AN/OV/4	1815220000	A.218
ZDK 4-2 EL	8709760000	A.245	ZDUB 2.5-2/2AN/DM GE	1704380000	A.145	ZGB 30	1611930000	A.231	ZP 2.5/1AN/OV/4	1815220000	A.219
ZDK 4-2 PE	8671050000	A.197	ZDUB 2.5-2/2AN/DM OR	1704370000	A.145	ZGB 30	1611930000	A.360	ZP 2.5/1AN/OV/4	1815220000	A.219
ZDK 4-2 V	8671080000	A.177	ZDUB 2.5-2/2AN/RC	1712820000	A.144	ZIA 1.5/3L-1S	1651980000	A.134	ZP 2.5/1AN/OV/4	1815220000	A.224
ZDK 4-2/ZAN	1119700000	A.179	ZDUB 2.5-2/2AN/RC BL	1712830000	A.144	ZIA 1.5/3L-1S/LD-RT	1651990000	A.134	ZP 2.5/1AN/OV/4	1815220000	A.225
ZDK 4-2/D FORWARD	8670520000	A.245	ZDUB 2.5-2/4AN/15	1712780000	A.146	ZIA 1.5/3LPE	1652000000	B.134	ZP 2.5/1AN/OV/4	1815220000	A.231
ZDK 4-2/DU-PE	8671120000	A.178	ZDUB 2.5-2/4AN/15 BL	1712790000	A.146	ZIA 1.5/4L-1S	1652010000	B.135	ZP 2.5/1AN/OV/5	1815230000	A.218
ZDKPE 2.5-2	1805940000	A.176	ZDUB 2.5-2/4AN/15 OR	1712800000	A.146	ZIA 1.5/4L-1S/LD	1652020000	B.135	ZP 2.5/1AN/OV/5	1815230000	A.219
ZDKPE 2.5-2/N/L/PE	1895700000	A.176	ZDUB 2.5-2/4AN/DB	1704690000	A.145	ZIA 1.5/4LPE	1652030000	B.135	ZP 2.5/1AN/OV/5	1815230000	A.224
ZDL 2.5-2N	1782300000	A.170	ZDUB 2.5-2/4AN/DB BL	1704700000	A.145	ZMAK 2.5	1768000000	A.173	ZP 2.5/1AN/OV/5	1815230000	A.225
ZDL 2.5-2N BL	1782310000	A.170	ZDUB 2.5-2/4AN/DB GE	1704720000	A.145	ZMAK 2.5	1768000000	B.97	ZP 2.5/1AN/OV/5	1815230000	A.231
ZDL 2.5-2N PE	1131740000	A.171	ZDUB 2.5-2/4AN/DM	1704540000	A.145	ZMAK 2.5 690V	1027550000	A.173	ZP 2.5/1AN/OV/6	1815240000	A.218
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ZP 4/1AN/4	1855010000	A.232
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ZDV 2.5N/10 RD	2108910000	B.111	ZDV 2.5N/2 BL	1527740000	B.111	ZDV 2.5N/7 BL	1527830000	A.376	ZDV 4N/10	1528090000	A.87
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ZDV 2.5N/10 RD	2108910000	B.113	ZDV 2.5N/2 BL	1527740000	B.113	ZDV 2.5N/7 RD	2108810000	A.376	ZDV 4N/10	1528090000	A.100
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ZDV 2.5N/10 WT	2831640000	A.135	ZDV 2.5N/2 RD	2108470000	A.376	ZDV 2.5N/8	1527670000	A.132	ZDV 4N/10	1528090000	A.103
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ZDV 2.5N/2	1527540000	A.10	ZDV 2.5N/2 RD	2108470000	B.113	ZDV 2.5N/8 BL	1527840000	A.132	ZDV 4N/10	1528090000	A.268
ZDV 2.5N/2	1527540000	A.11	ZDV 2.5N/2 RD	2108470000	B.114	ZDV 2.5N/8 BL	1527840000	A.376	ZDV 4N/10	1528090000	A.269
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ZDV 2.5N/2	1527540000	A.13	ZDV 2.5N/2 WT	2831560000	A.135	ZDV 2.5N/8 RD	2108870000	A.376	ZDV 4N/10	1528090000	A.289
ZDV 2.5N/2	1527540000	A.20	ZDV 2.5N/2 WT	2831560000	A.377	ZDV 2.5N/8 WT	2831620000	A.135	ZDV 4N/10	1528090000	A.306
ZDV 2.5N/2	1527540000	A.21	ZDV 2.5N/20	1527720000	A.132	ZDV 2.5N/8 WT	2831620000	A.377	ZDV 4N/10	1528090000	A.307
ZDV 2.5N/2	1527540000	A.22	ZDV 2.5N/20	1527720000	A.376	ZDV 2.5N/9	1527680000	A.132	ZDV 4N/10	1528090000	A.308
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ZDV 2.5N/2	1527540000	A.35	ZDV 2.5N/20 BL	1527890000	A.376	ZDV 2.5N/9 BL	1527870000	A.132	ZDV 4N/10	1528090000	A.324
ZDV 2.5N/2	1527540000	A.36	ZDV 2.5N/20 RD	2108920000	A.132	ZDV 2.5N/9 BL	1527870000	A.376	ZDV 4N/10	1528090000	A.325
ZDV 2.5N/2	1527540000	A.37	ZDV 2.5N/20 RD	2108920000	A.376	ZDV 2.5N/9 RD	2108900000	A.132	ZDV 4N/10	1528090000	A.326
ZDV 2.5N/2	1527540000	A.46	ZDV 2.5N/20 WT	2831650000	A.135	ZDV 2.5N/9 RD	2108900000	A.376	ZDV 4N/10	1528090000	A.334
ZDV 2.5N/2	1527540000	A.47	ZDV 2.5N/20 WT	2831650000	A.377	ZDV 2.5N/9 WT	2831630000	A.135	ZDV 4N/10	1528090000	A.335
ZDV 2.5N/2	1527540000	A.48	ZDV 2.5N/3	1527570000	A.132	ZDV 2.5N/9 WT	2831630000	A.377	ZDV 4N/10	1528090000	A.336
ZDV 2.5N/2	1527540000	A.49	ZDV 2.5N/3	1527570000	A.376	ZDV 35-10	7820100000	A.252	ZDV 4N/10	1528090000	A.337
ZDV 2.5N/2	1527540000	A.51	ZDV 2.5N/3	1527570000	B.184	ZDV 35/2	1739700000	A.158	ZDV 4N/10	1528090000	A.338
ZDV 2.5N/2	1527540000	A.52	ZDV 2.5N/3	1527570000	B.190	ZDV 35/2	1739700000	A.253	ZDV 4N/10	1528090000	A.339
ZDV 2.5N/2	1527540000	A.53	ZDV 2.5N/3	1527570000	B.191	ZDV 35N-10	2562670000	A.40	ZDV 4N/10	1528090000	A.340
ZDV 2.5N/2	1527540000	A.56	ZDV 2.5N/3	1527570000	B.192	ZDV 35N-10	2562670000	A.133	ZDV 4N/10	1528090000	A.341
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ZDV 2.5N/2	1527540000	A.82	ZDV 2.5N/3	1527570000	B.199	ZDV 35N-10	2562670000	B.12	ZDV 4N/10	1528090000	A.354
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ZDV 2.5N/2	1527540000	A.84	ZDV 2.5N/3 BK	2831680000	A.377	ZDV 35N-16	2562660000	A.40	ZDV 4N/10	1528090000	B.54
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0310000000	PS 2.0 MC	A.45
0310000000	PS 2.0 MC	A.46
0310000000	PS 2.0 MC	A.47
0310000000	PS 2.0 MC	A.48
0310000000	PS 2.0 MC	A.49
0310000000	PS 2.0 MC	A.50
0310000000	PS 2.0 MC	A.51
0310000000	PS 2.0 MC	A.52
0310000000	PS 2.0 MC	A.53
0310000000	PS 2.0 MC	A.54
0310000000	PS 2.0 MC	A.55
0310000000	PS 2.0 MC	A.56
0310000000	PS 2.0 MC	A.57
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0310000000	PS 2.0 MC	A.60
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0310000000	PS 2.0 MC	A.70
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0310000000	PS 2.0 MC	A.72
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0310000000	PS 2.0 MC	A.82
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0310000000	PS 2.0 MC	A.85
0310000000	PS 2.0 MC	A.86
0310000000	PS 2.0 MC	A.87
0310000000	PS 2.0 MC	A.114
0310000000	PS 2.0 MC	A.115
0310000000	PS 2.0 MC	A.116
0310000000	PS 2.0 MC	A.117
0310000000	PS 2.0 MC	A.124
0310000000	PS 2.0 MC	B.8
0310000000	PS 2.0 MC	B.9
0310000000	PS 2.0 MC	B.10
0310000000	PS 2.0 MC	B.11
0310000000	PS 2.0 MC	B.12
0310000000	PS 2.0 MC	B.16
0310000000	PS 2.0 MC	B.17
0310000000	PS 2.0 MC	B.18
0310000000	PS 2.0 MC	B.19
0310000000	PS 2.0 MC	B.20
0310000000	PS 2.0 MC	B.21
0310000000	PS 2.0 MC	B.24
0310000000	PS 2.0 MC	B.54
0310000000	PS 2.0 MC	B.96
0310000000	PS 2.0 MC	B.104
0310000000	PS 2.0 MC	B.105
0310000000	PS 2.0 MC	B.106
0310000000	PS 2.0 MC	B.107
0310000000	PS 2.0 MC	B.110
0310000000	PS 2.0 MC	

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0348900000	SSCH 10X3X1000 CU/SN	B.270
0348900000	SSCH 10X311000 CU/SN	B.271
0348900000	SSCH 10X311000 CU/SN	C.4

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0353500000	FKSC M6X12 D9/SW3	C.13
0357400000	SSCH 15X6X1000 CU/SN	C.4

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0361300000	E 18/20A BL	A.331
0361400000	E 18/25A GE	A.331
0361500000	E 18/35A SW	A.331
0361600000	E 18/50A WS	A.331
0361700000	E 18/63A KU	A.331
0361800000	P 18/20 D02 BL SAKS5	A.331
0361900000	P 18/25 D02 GE SAKS5	A.331
0362000000	P 18/35 D02 SW SAKS5	A.331
0362100000	P 18/50 D02 SI SAKS5	A.331
0362200000	Q 2 AKZ1.5	A.262
0362300000	Q 2 AKZ1.5	A.264
0362400000	Q 2 AKZ1.5	A.382
0362500000	Q 3 AKZ1.5	A.382
0362600000	Q 4 AKZ1.5	A.382
0362700000	Q 10 AKZ1.5	A.262
0362800000	Q 10 AKZ1.5	A.264
0362900000	Q 10 AKZ1.5	A.382
0363000000	Q 10 AK24	A.266
0363100000	Q 10 AK24	A.382
0363200000	Q 10 AK24S	A.382

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0377100000	KISC M3X20 SAK10 CU5	A.318
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0380260000	AKE 4	A.296
0382860000	EW 15	A.262
0382860000	EW 15	A.264
0382860000	EW 15	A.266
0382860000	EW 15	A.284
0382860000	EW 15	A.294
0382860000	EW 15	A.295
0382860000	EW 15	A.296
0382860000	EW 15	C.12
0383400000	TS 35X7.5 2M/ST/ZN	B.274
0383400000	TS 35X7.5 2M/ST/ZN	B.275
0383400000	TS 35X7.5 2M/ST/ZN	C.10
0383410000	TS 35X7.5 1M/ST/ZN	C.10
0383530000	EW 35 GR 7032	C.12
0383560000	EW 35	A.265
0383560000	EW 35	B.136
0383560000	EW 35	B.137
0383560000	EW 35	B.138
0383560000	EW 35	B.139
0383560000	EW 35	C.12

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0401460000	SD SH1	C.4
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0430300000	G 20/0.10A/F	A.213
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0430500000	G 20/0.25A/F	A.78
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0430500000	G 20/0.25A/F	A.199
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0430500000	G 20/0.25A/F	A.228
0430500000	G 20/0.25A/F	A.229
0430500000	G 20/0.25A/F	A.230
0430500000	G 20/0.25A/F	A.231
0430500000	G 20/0.25A/F	A.232
0430500000	G 20/0.25A/F	A.233
0430500000	G 20/0.25A/F	A.234
0430500000	G 20/0.25A/F	A.235
0430500000	G 20/0.25A/F	A.236
0430500000	G 20/0.25A/F	A.237

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0430500000	G 20/0.25A/F	A.328
0430500000	G 20/0.25A/F	A.330
0430500000	G 20/0.25A/F	B.118
0430500000	G 20/0.25A/F	B.121
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0430500000	G 20/0.25A/F	B.164
0430500000	G 20/0.25A/F	B.165
0430500000	G 20/0.25A/F	B.169
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0430600000	G 20/0.50A/F	A.76
0430600000	G 20/0.50A/F	A.77
0430600000	G 20/0.50A/F	A.78
0430600000	G 20/0.50A/F	A.79
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0430600000	G 20/0.50A/F	B.121
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0430600000	G 20/0.50A/F	B.158
0430600000	G 20/0.50A/F	B.163
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0430600000	G 20/0.50A/F	B.165
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0430700000	G 20/1.00A/F	A.209
0430700000	G 20/1.00A/F	A.213
0430700000	G 20/1.00A/F	A.306
0430700000	G 20/1.00A/F	A.307
0430700000	G 20/1.00A/F	A.308
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0430700000	G 20/1.00A/F	A.315
0430700000	G 20/1.00A/F	A.318
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0430700000	G 20/1.00A/F	A.323
0430700000	G 20/1.00A/F	A.324
0430700000	G 20/1.00A/F	A.325
0430700000	G 20/1.00A/F	A.326
0430700000	G 20/1.00A/F	A.327
0430700000	G 20/1.00A/F	A.328
0430700000	G 20/1.00A/F	A.330
0430700000	G 20/1.00A/F	B.118
0430700000	G 20/1.00A/F	B.121
0430700000	G 20/1.00A/F	B.154
0430700000	G 20/1.00A/F	B.155
0430700000	G 20/1.00A/F	B.156
0430700000	G 20/1.00A/F	B.157
0430700000	G 20/1.00A/F	B.158
0430700000	G 20/1.00A/F	B.163
0430700000	G 20/1.00A/F	B.164
0430700000	G 20/1.00A/F	B.165

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0430900000	G 20/2.00A/F	A.75
0430900000	G 20/2.00A/F	A.76
0430900000	G 20/2.00A/F	A.77
0430900000	G 20/2.00A/F	A.78
0430900000	G 20/2.00A/F	A.79
0430900000	G 20/2.00A/F	A.199
0430900000	G 20/2.00A/F	A.200
0430900000	G 20/2.00A/F	A.201
0430900000	G 20/2.00A/F	A.204
0430900000	G 20/2.00A/F	A.206
0430900000	G 20/2.00A/F	A.208
0430900000	G 20/2.00A/F	A.209
0430900000	G 20/2.00A/F	A.213
0430900000	G 20/2.00A/F	A.306
0430900000	G 20/2.00A/F	A.307
0430900000	G 20/2.00A/F	A.308
0430900000	G 20/2.00A/F	A.309
0430900000	G 20/2.00A/F	A.310
0430900000	G 20/2.00A/F	A.311
0430900000	G 20/2.00A/F	A.312
0430900000	G 20/2.00A/F	A.314
0430900000	G 20/2.00A/F	A.315
0430900000	G 20/2.00A/F	A.318
0430900000	G 20/2.00A/F	A.322
0430900000	G 20/2.00A/F	A.323
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0430900000	G 20/2.00A/F	A.325
0430900000	G 20/2.00A/F	A.326
0430900000	G 20/2.00A/F	A.327
0430900000	G 20/2.00A/F	A.328
0430900000	G 20/2.00A/F	A.330
0430900000	G 20/2.00A/F	B.118
0430900000	G 20/2.00A/F	B.121
0430900000	G 20/2.00A/F	B.154
0430900000	G 20/2.00A/F	B.155
0430900000	G 20/2.00A/F	B.156
0430900000	G 20/2.00A/F	B.157
0430900000	G 20/2.00A/F	B.158
0430900000	G 20/2.00A/F	B.163
0430900000	G 20/2.00A/F	B.164
0430900000	G 20/2.00A/F	B.165
0431000000	G 20/2.50A/F	A.213
0431000000	G 20/2.50A/F	A.330
0431000000	G 20/3.15A/F	A.213
0431100000	G 20/3.15A/F	A.330
0431200000	G 20/4.00A/F	A.213
0431200000	G 20/4.00A/F	A.330
0431300000	G 20/5.00A/F	A.213
0431300000	G 20/5.00A/F	A.330
0431400000	G 20/6.30A/F	A.213
0431400000	G 20/6.30A/F	A.330
0438000000	SSCH 10X3X1000 ST/ZN	C.4
0439000000	G 20/0.63A/F	A.213
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1007980000	ZP 2.5/1AN/QV ZAO.RAGN	A.234
1009060000	ZP 2.5/1AN/1 BL	A.234
1009070000	ZP 2.5/1AN ZA BL	A.234

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1010000000	WPE 2.5	A.295
1010010000	WPE 2.5 WS	B.279
1010010000	WPE 2.5 WS	B.283
1010100000	WPE 4	A.297
1010200000	WPE 6	A.298
1010300000	WPE 10	A.299
1010400000	WPE 16	A.299
1010500000	WPE 35	A.300
1010500000	WPE 35	B.32
1010600000	WNT 2.5 10X3 BE	B.204
1010680000	WNT 2.5 10X3	B.204
1010780000	WNT 4 10X3	B.204
1010880000	WNT 6 10X3	B.205
1010900000	WNT 10 10X3 BE	B.205
1010980000	WNT 10 10X3	B.205
1011000000	WSI 6	A.314
1011300000	WSI 6/LD 10-36V DC/AC	A.315
1011320000	DEK 5/6 PLUS MCNE WS	A.8
1011320000	DEK 5/6 PLUS MCNE WS	A.9
1011320000	DEK 5/6 PLUS MCNE WS	A.16
1011320000	DEK 5/6 PLUS MCNE WS	A.17
1011320000	DEK 5/6 PLUS MCNE WS	A.19
1011320000	DEK 5/6 PLUS MCNE WS	A.23
1011320000	DEK 5/6 PLUS MCNE WS	A.28
1011320000	DEK 5/6 PLUS MCNE WS	A.29
1011320000	DEK 5/6 PLUS MCNE WS	A.38
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1011320000	DEK 5/6 PLUS MCNE WS	A.87
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1011320000	DEK 5/6 PLUS MCNE WS	A.325
1011320000	DEK 5/6 PLUS MCNE WS	A.326
1011320000	DEK 5/6 PLUS MCNE WS	A.334
1011320000	DEK 5/6 PLUS MCNE WS	A.335
1011320000	DEK 5/6 PLUS MCNE WS	A.336
1011320000	DEK 5/6 PLUS MCNE WS	A.348
1011320000	DEK 5/6 PLUS MCNE WS	A.349
1011320000	DEK 5/6 PLUS MCNE WS	A.350
1011320000	DEK 5/6 PLUS MCNE WS	A.351
1011320000	DEK 5/6 PLUS MCNE WS	B.117
1011320000	DEK 5/6 PLUS MCNE WS	B.118
1011320000	DEK 5/6 PLUS MCNE WS	B.121
1011320000	DEK 5/6 PLUS MCNE WS	B.149
1011320000	DEK 5/6 PLUS MCNE WS	B.150
1011320000	DEK 5/6 PLUS MCNE WS	B.151
1011320000	DEK 5/6 PLUS MCNE WS	B.152
1011320000	DEK 5/6 PLUS MCNE WS	B.153
1011320000	DEK 5/6 PLUS MCNE WS	B.154
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1011320000	DEK 5/6 PLUS MCNE WS	B.156
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1011320000	DEK 5/6 PLUS MCNE WS	B.159
1011320000	DEK 5/6 PLUS MCNE WS	B.160
1011320000	DEK 5/6 PLUS MCNE WS	B.161
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1011320000	DEK 5/6 PLUS MCNE WS	B.163
1011320000	DEK 5/6 PLUS MCNE WS	B.164
1011320000	DEK 5/6 PLUS MCNE WS	B.165
1011320000	DEK 5/6 PLUS MCNE WS	B.281
1011320000	DEK 5/6 PLUS MCNE WS	B.285
1011320000	DEK 5/6 PLUS MCNE WS	B.286
1012200000	WSI 6/LD 30-70V DC/AC	A.315
1012300000	WSI 6/LD 60-150V DC/AC	A.315
1012400000	WSI 6/LD 250AC	A.315
1012600000	WPE 35/KCS	A.301
1012600000	WPE 35/KCS	B.33
1014000000	WSI 6/2 GZ/DEF63	A.316
1014100000	WSI 6/2/LD 10-36V DC/AC	A.317
1014200000	WSI 6/2/LD 30-70V DC/AC	A.317
1014300000	WSI 6/2/LD 60-150VDC/AC	A.317

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1015800000	WDT 1.5/1 DB/GE	A.342
1015900000	WDT 1.5/2 DB/GE	A.342
1016000000	WDT 1.5/3 DB/GE	A.343
1016200000	WPE 2.5N	A.296
1016400000	WPE 2.5/1.5/ZR	A.295
1016500000	WPE 1.5/ZZ	A.294
1018600000	WTL 6/3/STB	B.253
1018800000	WTL 6/3	B.252
1018800000	WTL 6/3	B.253
1019000000	WNT 16N 10X3	B.205
1019100000	WPE 16N	A.300
1019700000	WPE 120/150	A.303
1019700000	WPE 120/150	B.35

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1020100000	WDU 4	A.267
1020180000	WDU 4 BL	A.267
1020190000	WDU 4 GE/SW	B.292
1020200000	WDU 6	A.270
1020280000	WDU 6 BL	A.270
1020300000	WDU 10	A.272
1020380000	WDU 10 BL	A.272
1020400000	WDU 16	A.274
1020480000	WDU 16 BL	A.274
1020500000	WDU 35	A.276
1020500000	WDU 35	B.26
1020580000	WDU 35 BL	A.276
1020600000	WDU 35/K	A.277
1020600000	WDU 35/K	B.27
1020680000	WDU 35/K/BL	A.277
1021500000	WDK 2.5	A.284
1021580000	WDK 2.5 BL	A.284
1021700000	WDK 2.5 FF	A.359
1021800000	WDU 2.5 F 2X2.8	A.358
1021900000	WDU 2.5 FF 2X2.8	A.358
1022300000	WDK 2.5V	A.285
1022380000	WDK 2.5V BL	A.285
1022600000	WDK 2.5 2D 2 A	A.366
1023100000	WDK 2.5/D/3	A.365
1023200000	WDK 2.5/D	A.367
1023300000	WDK 2.5 1D A.2	A.365
1023400000	WDK 2.5 1D A.1	A.364
1023500000	WDK 2.5 2D	A.366
1023600000	WDK 2.5 LD RT 24VDC +-	A.367
1023700000	WDU 2.5N	A.265
1023780000	WDU 2.5N BL	A.265
1023830000	ZTR 6-2	A.215
1024100000	WDU 2.5/TC TYP K	B.140
1024100000	WDU 2.5/TC TYP K	B.141
1024200000	WDU 2.5/TC TYP T	B.140
1024200000	WDU 2.5/TC TYP T	B.141
1024300000	WDU 2.5/TC TYP J	B.140
1024300000	WDU 2.5/TC TYP J	B.141
1024400000	WDU 2.5/TC TYP K	B.140
1024400000	WDU 2.5/TC TYP SR	B.141
1024500000	WDU 120/150	A.283
1024500000	WDU 120/150	B.30
1024580000	WDU 120/150 BL	A.283
1024580000	WDU 120/150 BL	B.30
1024600000	WDU 70/95	A.283
1024600000	WDU 70/95	B.29
1024680000	WDU 70/95 BL	A.283
1024680000	WDU 70/95 BL	B.29
1024700000	WDU 2.5/1.5/ZR	A.263
1024780000	WDU 2.5/1.5/ZR BL	A.263
1027000000	WDUL 4/10	A.363
1027300000	WDUL 4/100	A.363
1027400000	WDUL 4/500	A.363
1027410000	WDK 2.5/BLZ/5.08/ZA V	A.361
1027500000	WDUL 4/1K	A.363
1027550000	ZMAK 2.5 690V	A.173
1027550000	ZMAK 2.5 690V	B.97
1027600000	WDUL 4/5K	A.363
1027700000	WDUL 4/10K	A.363
1027800000	WDUL 4/50K	A.363
1027840000	WDL 4 WF10	A.400
1027840000	WDL 4 WF10	A.401
1027840000	WDL 4 WF10	A.410
1027870000	STB 30.5 IH/BR	B.242
1028000000	WDUL 4/500K	A.363
1028300000	WFF 35	A.404
1028380000	WFF 35 BL	A.404
1028400000	WFF 70	A.405
1028480000	WFF 70 BL	A.405
1028500000	WFF 120	A.405
1028580000	WFF 120 BL	A.405
1028600000	WFF 185	A.406
1028680000	WFF 185 BL	A.406
1028700000	WFF 300	A.407
1028800000	WDU 35/ZA	A.276
1028880000	WDU 35/ZA BL	A.276
1028900000	WDU 16/ZA	A.274
1028980000	WDU 16/ZA BL	A.274
1029000000	WDU 35/K/ZA	A.277
1029300000	WFF 35/AH	A.404

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1029400000	WFF 70/AH	A.405
1029500000	WFF 120/AH	A.405
1029600000	WFF 185/AH	A.406
1029700000	WFF 300/AH	A.407
1029800000	WDL 2.5/NT/L/PE	B.208
1029900000	WDL 2.5/N/PE	B.209

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1030200000	WDL 2.5/L/L/PE	B.209
1030300000	WDL 2.5/L/L	B.208
1030600000	WDL 2.5/S/NT/L/PE	B.210
1030700000	WDL 2.5/S/N/L/PE	B.211
1031100000	WDL 2.5/S/L/L/PE	B.211
1031200000	WDL 2.5/S/L/L	B.210
1031400000	WDU 1.5/ZZ	A.263
1031480000	WDU 1.5/ZZ BL	A.263
1032880000	WDU 2.5/AP/TC BL TYP K	B.141
1033300000	WDU 2.5/TC TYP E	B.140
1033300000	WDU 2.5/TC TYP E	B.141
1033700000	WDU 2.5/TC TYP B	B.140
1033700000	WDU 2.5/TC TYP B	B.141
1034400000	WDK 2.5/BLZ/5.08/ZA	A.361
1036000000	WPO 4	A.362
1036100000	WDU 16N	A.275
1036180000	WDU 16N BL	A.275
1036300000	WDK 2.5 PE	A.304
1036400000	WDK 2.5DU-PE	A.286
1037300000	WPE 70/95	A.303
1037300000	WPE 70/95	B.34
1039900000	WTR 2.5/ZZ	A.333
1039980000	WTR 2.5/ZZ BL	A.333

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1040400000	WDU 35N	A.277
1040400000	WDU 35N	B.26
1040480000	WDU 35N BL	A.277
1040800000	WDU 2.5N ZDV	A.265
1040880000	WDU 2.5N ZDV BL	A.265
1041000000	WDK 2.5 ZDV	A.285
1041180000	WDK 2.5 ZDV BL	A.285
1041500000	WDU 2.5/TC TYP N	B.140
1041500000	WDU 2.5/TC TYP N	B.141
1041600000	WDK 2.5N	A.286
1041610000	WDK 2.5N V	A.287
1041620000	WDK 2.5N PE	A.304
1041650000	WDK 2.5N DU-PE	A.287
1041680000	WDK 2.5N BL	A.286
1041900000	WDK 4N	A.288
1041910000	WDK 4N V	A.288
1041920000	WDK 4N PE	A.305
1041980000	WDK 4N BL	A.288
1042400000	WDU 10/ZR	A.273
1042480000	WDU 10/ZR BL	A.273
1042500000	WPE 10/ZR	A.299
1042600000	WDU 4N	A.288
1042680000	WDU 4N BL	A.288
1042700000	WPE 4N	A.298
1045970000	WTR 35 E	B.299
1046350000	DEK 5/8 PLUS MCNE WS	A.30
1046350000	DEK 5/8 PLUS MCNE WS	A.31
1046350000	DEK 5/8 PLUS MCNE WS	A.32
1046350000	DEK 5/8 PLUS MCNE WS	A.33
1046350000	DEK 5/8 PLUS MCNE WS	A.34
1046350000	DEK 5/8 PLUS MCNE WS	A.35
1046350000	DEK 5/8 PLUS MCNE WS	A.63
1046350000	DEK 5/8 PLUS MCNE WS	A.64
1046350000	DEK 5/8 PLUS MCNE WS	A.65
1046350000	DEK 5/8 PLUS MCNE WS	A.66
1046350000	DEK 5/8 PLUS MCNE WS	A.104
1046350000	DEK 5/8 PLUS MCNE WS	B.104
1046350000	DEK 5/8 PLUS MCNE WS	B.105
1046350000	DEK 5/8 PLUS MCNE WS	B.106
1046350000	DEK 5/8 PLUS MCNE WS	B.107
1046350000	DEK 5/8 PLUS MCNE WS	B.108
1046350000	DEK 5/8 PLUS MCNE WS	B.109
1046350000	DEK 5/8 PLUS MCNE WS	B.110
1046350000	DEK 5/8 PLUS MCNE WS	B.111
1046350000	DEK 5/8 PLUS MCNE WS	B.112
1046350000	DEK 5/8 PLUS MCNE WS	B.114
1046350000	DEK 5/8 PLUS MCNE WS	B.115
1046350000	DEK 5/8 PLUS MCNE WS	B.116

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1050280000	WHP 2.5-35N/10X3 BL	B.204	1053660000	WQV 2.5/2	A.304	1059000000	WEW 35/1	A.406	1061200000	WEW 35/2	A.311
1050280000	WHP 2.5-35N/10X3 BL	B.205	1053660000	WQV 2.5/2	A.346	1059000000	WEW 35/1	A.407	1061200000	WEW 35/2	A.312
1050280000	WHP 2.5-35N/10X3 BL	B.206	1053660000	WQV 2.5/2	A.347	1059000000	WEW 35/1	B.21	1061200000	WEW 35/2	A.313
1051260000	WTA 5/1	A.271	1053660000	WQV 2.5/2	A.358	1059000000	WEW 35/1	B.26	1061200000	WEW 35/2	A.314
1051260000	WTA 5/1	A.272	1053660000	WQV 2.5/2	A.359	1059000000	WEW 35/1	B.27	1061200000	WEW 35/2	A.315
1051260000	WTA 5/1	A.273	1053660000	WQV 2.5/2	A.360	1059000000	WEW 35/1	B.28	1061200000	WEW 35/2	A.318
1051260000	WTA 5/1	A.387	1053660000	WQV 2.5/2	A.364	1059000000	WEW 35/1	B.29	1061200000	WEW 35/2	A.319
1051910000	ZP 4/1AN ZA O.RA	A.234	1053660000	WQV 2.5/2	A.365	1059000000	WEW 35/1	B.30	1061200000	WEW 35/2	A.320
1051920000	ZP 4/1AN ZA O.RA GN	A.234	1053660000	WQV 2.5/2	A.366	1059000000	WEW 35/1	B.32	1061200000	WEW 35/2	A.323
1051940000	ZP 4/1AN ZA	A.234	1053660000	WQV 2.5/2	A.367	1059000000	WEW 35/1	B.33	1061200000	WEW 35/2	A.324
1051950000	ZP 4/1AN ZA GN	A.234	1053660000	WQV 2.5/2	A.380	1059000000	WEW 35/1	B.34	1061200000	WEW 35/2	A.325
1051960000	WQV 4/2	A.267	1053660000	WQV 2.5/2	B.292	1059000000	WEW 35/1	B.35	1061200000	WEW 35/2	A.326
1051960000	WQV 4/2	A.269	1053760000	WQV 2.5/3	A.380	1059000000	WEW 35/1	B.99	1061200000	WEW 35/2	A.332
1051960000	WQV 4/2	A.380	1053860000	WQV 2.5/4	A.380	1059000000	WEW 35/1	B.171	1061200000	WEW 35/2	A.333
1051960000	WQV 4/2	B.240	1053960000	WQV 2.5/5	A.380	1059000000	WEW 35/1	B.173	1061200000	WEW 35/2	A.334
1051960000	WQV 4/2	B.292	1054060000	WQV 2.5/6	A.380	1059000000	WEW 35/1	B.174	1061200000	WEW 35/2	A.335
1051970000	ZP 4/1AN	A.234	1054160000	WQV 2.5/7	A.380	1059000000	WEW 35/1	B.175	1061200000	WEW 35/2	A.336
1051980000	ZP 4/1AN GN	A.234	1054260000	WQV 2.5/8	A.380	1059000000	WEW 35/1	B.293	1061200000	WEW 35/2	A.337
1052060000	WQV 4/10	A.267	1054360000	WQV 2.5/9	A.380	1059000000	WEW 35/1	B.294	1061200000	WEW 35/2	A.338
1052060000	WQV 4/10	A.269	1054460000	WQV 2.5/10	A.263	1059000000	WEW 35/1	B.295	1061200000	WEW 35/2	A.339
1052060000	WQV 4/10	A.380	1054460000	WQV 2.5/10	A.264	1059000000	WEW 35/1	B.296	1061200000	WEW 35/2	A.340
1052060000	WQV 4/10	B.240	1054460000	WQV 2.5/10	A.265	1059000000	WEW 35/1	B.299	1061200000	WEW 35/2	A.341
1052060000	WQV 4/10	B.292	1054460000	WQV 2.5/10	A.266	1059000000	WEW 35/1	C.5	1061200000	WEW 35/2	A.342
1052100000	KISC M3X5	A.314	1054460000	WQV 2.5/10	A.284	1059000000	WEW 35/1	C.12	1061200000	WEW 35/2	A.343
1052100000	KISC M3X5	A.315	1054460000	WQV 2.5/10	A.285	1059100000	WAP WDK2.5	A.284	1061200000	WEW 35/2	A.344
1052100000	KISC M3X5	A.316	1054460000	WQV 2.5/10	A.286	1059100000	WAP WDK2.5	A.285	1061200000	WEW 35/2	A.348
1052100000	KISC M3X5	A.317	1054460000	WQV 2.5/10	A.304	1059100000	WAP WDK2.5	A.286	1061200000	WEW 35/2	A.349
1052100000	KISC M3X5	A.319	1054460000	WQV 2.5/10	A.346	1059100000	WAP WDK2.5	A.304	1061200000	WEW 35/2	A.350
1052260000	WQV 6/10	A.270	1054460000	WQV 2.5/10	A.347	1059100000	WAP WDK2.5	A.359	1061200000	WEW 35/2	A.351
1052260000	WQV 6/10	A.271	1054460000	WQV 2.5/10	A.358	1059100000	WAP WDK2.5	A.364	1061200000	WEW 35/2	A.352
1052260000	WQV 6/10	A.380	1054460000	WQV 2.5/10	A.359	1059100000	WAP WDK2.5	A.365	1061200000	WEW 35/2	A.353
1052260000	WQV 6/10	B.245	1054460000	WQV 2.5/10	A.360	1059100000	WAP WDK2.5	A.366	1061200000	WEW 35/2	A.354
1052260000	WQV 6/10	B.246	1054460000	WQV 2.5/10	A.364	1059100000	WAP WDK2.5	A.367	1061200000	WEW 35/2	A.358
1052260000	WQV 6/10	B.249	1054460000	WQV 2.5/10	A.365	1059180000	WAP WDK2.5 BL	A.284	1061200000	WEW 35/2	A.359
1052260000	WQV 6/10	B.251	1054460000	WQV 2.5/10	A.366	1059180000	WAP WDK2.5 BL	A.285	1061200000	WEW 35/2	A.360
1052260000	WQV 6/10	B.253	1054460000	WQV 2.5/10	A.367	1059180000	WAP WDK2.5 BL	A.286	1061200000	WEW 35/2	A.363
1052360000	WQV 6/2	A.270	1054460000	WQV 2.5/10	A.380	1059180000	WAP WDK2.5 BL	A.359	1061200000	WEW 35/2	A.364
1052360000	WQV 6/2	A.271	1054460000	WQV 2.5/10	B.292	1059310000	ZAP 2S12X6/4X2.5	A.211	1061200000	WEW 35/2	A.365
1052360000	WQV 6/2	A.380	1054560000	WQV 4/3	A.380	1059310000	ZAP 2S12X6/4X2.5	A.212	1061200000	WEW 35/2	A.366
1052360000	WQV 6/2	B.245	1054560000	WQV 4/3	B.240	1059660000	WQV 2.5/15	A.380	1061200000	WEW 35/2	A.367
1052360000	WQV 6/2	B.246	1054660000	WQV 4/4	A.380				1061200000	WEW 35/2	A.398
1052360000	WQV 6/2	B.249	1054660000	WQV 4/4	B.240				1061200000	WEW 35/2	A.399
1052360000	WQV 6/2	B.251	1054760000	WQV 6/3	A.380				1061200000	WEW 35/2	A.400
1052360000	WQV 6/2	B.253	1054760000	WQV 6/3	B.245				1061200000	WEW 35/2	A.401
1052460000	WQV 10/10	A.272	1054760000	WQV 6/3	B.246				1061200000	WEW 35/2	A.402
1052460000	WQV 10/10	A.273	1054760000	WQV 6/3	B.249				1061200000	WEW 35/2	A.403
1052460000	WQV 10/10	A.274	1054760000	WQV 6/3	B.251				1061200000	WEW 35/2	B.26
1052460000	WQV 10/10	A.289	1054760000	WQV 6/3	B.253				1061200000	WEW 35/2	B.32
1052460000	WQV 10/10	A.290	1054860000	WQV 6/4	A.280				1061200000	WEW 35/2	B.56
1052460000	WQV 10/10	A.291	1054860000	WQV 6/4	B.245				1061200000	WEW 35/2	B.58
1052460000	WQV 10/10	A.292	1054860000	WQV 6/4	B.246				1061200000	WEW 35/2	B.60
1052460000	WQV 10/10	A.293	1054860000	WQV 6/4	B.249				1061200000	WEW 35/2	B.61
1052460000	WQV 10/10	A.305	1054860000	WQV 6/4	B.251				1061200000	WEW 35/2	B.62
1052460000	WQV 10/10	A.381	1054860000	WQV 6/4	B.253				1061200000	WEW 35/2	B.64
1052460000	WQV 10/10	B.98	1054980000	WQV 10/3	A.381				1061200000	WEW 35/2	B.66
1052560000	WQV 10/2	A.272	1055060000	WQV 10/4	A.381				1061200000	WEW 35/2	B.68
1052560000	WQV 10/2	A.273	1055160000	WQV 16/3	A.381				1061200000	WEW 35/2	B.70
1052560000	WQV 10/2	A.274	1055260000	WQV 16/4	A.381				1061200000	WEW 35/2	B.71
1052560000	WQV 10/2	A.289	1055360000	WQV 35/3	A.381				1061200000	WEW 35/2	B.74
1052560000	WQV 10/2	A.290	1055460000	WQV 35/4	A.381				1061200000	WEW 35/2	B.75
1052560000	WQV 10/2	A.291	1055640000	LS 2.8 WDU2.5-10	A.363				1061200000	WEW 35/2	B.78
1052560000	WQV 10/2	A.292	1057160000	WQV 4/6	A.380				1061200000	WEW 35/2	B.80
1052560000	WQV 10/2	A.293	1057260000	WQV 4/7	A.380				1061200000	WEW 35/2	B.82
1052560000	WQV 10/2	A.305	1057860000	WQV 4/5	A.380				1061200000	WEW 35/2	B.84
1052560000	WQV 10/2	A.381	1058520000	ZSI 2X6/4X2.5 FC	A.211				1061200000	WEW 35/2	B.86
1052560000	WQV 10/2	B.98	1058760000	WSD 2.5/SCAN WTR2.5	A.344				1061200000	WEW 35/2	B.88
1052660000	ZTA ZDK 2.5	A.168	1058800000	WTW EN	A.275				1061200000	WEW 35/2	B.98
1052660000	ZTA ZDK 2.5	A.169	1058800000	WTW EN	A.277				1061200000	WEW 35/2	B.140
1052660000	ZTA ZDK 2.5/ZA	A.168	1058800000	WTW EN	A.284				1061200000	WEW 35/2	B.149
1052660000	ZTA ZDK 2.5/ZA	A.169	1058800000	WTW EN	A.285				1061200000	WEW 35/2	B.150
1053060000	WQV 35/2	A.276	1058800000	WTW EN	A.286				1061200000	WEW 35/2	B.151
1053060000	WQV 35/2	A.277	1058800000	WTW EN	A.287				1061200000	WEW 35/2	B.152
1053060000	WQV 35/2	A.381	1058800000	WTW EN	A.288				1061200000	WEW 35/2	B.153
1053060000	WQV 35/2	B.26	1058800000	WTW EN	A.289				1061200000	WEW 35/2	B.154
1053060000	WQV 35/2	B.27	1058800000	WTW EN	A.304				1061200000	WEW 35/2	B.155
1053060000	WQV 35/2	B.254	1058800000	WTW EN	A.359				1061200000	WEW 35/2	B.156
1053060000	WQV 35/2	B.255	1058800000	WTW EN	B.26				1061200000	WEW 35/2	B.157
1053060000	WQV 35/2	B.294	1058800000	WTW EN	B.251				1061200000	WEW 35/2	B.158
1053160000	WQV 35/10	A.276	1058800000	WTW EN	B.293				1061200000	WEW 35/2	B.159
1053160000	WQV 35/10	A.277	1058800000	WTW EN	B.294				1061200000	WEW 35/2	B.160
1053160000	WQV 35/10	A.381	1059000000	WEW 35/1	A.274				1061200000	WEW 35/2	B.161
1053160000	WQV 35/10	B.26	1059000000	WEW 35/1	A.275				1061200000	WEW 35/2	B.162
1053160000	WQV 35/10	B.27	1059000000	WEW 35/1	A.276				1061200000	WEW 35/2	B.163
1053160000	WQV 35/10	B.294	1059000000	WEW 35/1	A.277				1061200000	WEW 35/2	B.164
1053260000	WQV 16/2	A.274	1059000000	WEW 35/1	A.278				1061200000	WEW 35/2	B.165
1053260000	WQV 16/2	A.275	1059000000	WEW 35/1	A.279				1061200000	WEW 35/2	B.170
1053260000	WQV 16/2	A.381	1059000000	WEW 35/1	A.280				1061200000	WEW 35/2	B.172
1053260000	WQV 16/2	B.293	1059000000	WEW 35/1	A.283				1061200000	WEW 35/2	B.173
1053360000	WQV 16/10	A.274	1059000000	WEW 35/1	A.293				1061200000	WEW 35/2	B.204
1053360000	WQV 16/10	A.275	1059000000	WEW 35/1	A.299				1061200000	WEW 35/2	B.205
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1061200000	WEW 35/2	B.245
1061200000	WEW 35/2	B.246
1061200000	WEW 35/2	B.250
1061200000	WEW 35/2	B.251
1061200000	WEW 35/2	B.252
1061200000	WEW 35/2	B.253
1061200000	WEW 35/2	B.283
1061200000	WEW 35/2	B.292
1061200000	WEW 35/2	B.293
1061200000	WEW 35/2	B.294
1061200000	WEW 35/2	C.5
1061200000	WEW 35/2	C.12
1061210000	WEW 35/2 SW	A.344
1061210000	WEW 35/2 SW	C.5
1061210000	WEW 35/2 SW	C.12
1062060000	WTA 5/10	A.387
1062060000	WQV 6/5	A.380
1062060000	WQV 6/5	B.249
1062060000	WQV 6/5	B.250
1062060000	WQV 6/5	B.252
1062067000	WQV 6/6	A.380
1062068000	WQV 6/7	A.380
1062068000	WQV 6/7	B.249
1062860000	WAD 27 B GE/SW	A.283
1062860000	WAD 27 B GE/SW	B.29
1062860000	WAD 27 B GE/SW	B.30
1062960000	WAD 27 NE WS	A.283
1062960000	WAD 27 NE WS	B.29
1062960000	WAD 27 NE WS	B.30
1063000000	WQV 120/2	A.283
1063000000	WQV 120/2	A.381
1063000000	WQV 120/2	B.30
1063400000	WQV 120/3	A.283
1063400000	WQV 120/3	A.381
1063400000	WQV 120/3	B.30
1063500000	WQV 70/95/2	A.283
1063500000	WQV 70/95/2	A.381
1063500000	WQV 70/95/2	B.29
1063600000	WQV 70/95/3	A.283
1063600000	WQV 70/95/3	A.381
1063600000	WQV 70/95/3	B.29
1063900000	WQV 16.2-5	A.383
1064000000	WQV 16.4-6	A.384
1064100000	WQV 35.2-5	A.383
1064460000	WAH 35	A.404
1064460000	WAH 35	A.411
1064560000	WAH 70 BE	A.405
1064560000	WAH 70 BE	A.411
1064660000	WAH 120	A.405
1064660000	WAH 120	A.406
1064660000	WAH 120	A.411
1064760000	WAH 185/300 BE	A.407
1064760000	WAH 185/300 BE	A.411
1064900000	WQL 2 WFF35	A.404
1064900000	WQL 2 WFF35	A.410
1065000000	WQL 2 WFF70	A.405
1065000000	WQL 2 WFF70	A.410
1065100000	WQL 2 WFF120	A.405
1065100000	WQL 2 WFF120	A.406
1065100000	WQL 2 WFF120	A.410
1065200000	WQL 2 WFF185	A.406
1065200000	WQL 2 WFF185	A.407
1065200000	WQL 2 WFF185	A.410
1065300000	WQL 2 WFF300	A.407
1065300000	WQL 2 WFF300	A.410
1065400000	WQL 3 WFF35	A.404
1065400000	WQL 3 WFF35	A.410
1065500000	WQL 3 WFF70	A.405
1065500000	WQL 3 WFF70	A.410
1065600000	WQL 3 WFF120	A.405
1065600000	WQL 3 WFF120	A.406
1065600000	WQL 3 WFF120	A.410
1065700000	WQL 3 WFF185	A.406
1065700000	WQL 3 WFF185	A.407
1065700000	WQL 3 WFF185	A.410
1065800000	WQL 3 WFF300	A.407
1065800000	WQL 3 WFF300	A.410
1066000000	WZAD 70/95	A.283
1066000000	WZAD 70/95	B.29
1066100000	WZAD120	A.283
1066100000	WZAD120	B.30
1066200000	WZAF 70	A.399
1066200000	WZAF 70	A.400
1066200000	WZAF 70	A.402
1066200000	WZAF 70	A.405
1066300000	WZAF 120	A.400
1066300000	WZAF 120	A.401
1066300000	WZAF 120	A.403
1066300000	WZAF 120	A.405
1066300000	WZAF 120	A.406
1066400000	WZAF 185	A.401
1066400000	WZAF 185	A.406
1066400000	WZAF 185	A.407
1066500000	WZAF 300	A.407
1067100000	WTW WFF35	A.404
1067100000	WTW WFF35	A.410
1067200000	WTW WFF70	A.405
1067200000	WTW WFF70	A.410

Order No.	Type	Page
1067300000	WTW WFF120	A.405
1067300000	WTW WFF120	A.406
1067300000	WTW WFF120	A.410
1067400000	WTW WFF185/300	A.406
1067400000	WTW WFF185/300	A.407
1067400000	WTW WFF185/300	A.410
1067600000	WEW 32/1	C.12
1067700000	WAP WDL2.5/S	B.210
1067700000	WAP WDL2.5/S	B.211
1067800000	WAP WDL2.5	B.208
1067800000	WAP WDL2.5	B.209
1067980000	WHP WDL2.5/S BL	B.208
1067980000	WHP WDL2.5/S BL	B.209
1067980000	WHP WDL2.5/S BL	B.210
1067980000	WHP WDL2.5/S BL	B.211
1068000000	WQV 35-10/6/4	A.383
1068160000	WBB WDU1.5/BL	A.360
1068260000	WBB ZA WDU1.5/BL 10/10	A.360
1068400000	WTW WTL6/1 DB	B.245
1068400000	WTW WTL6/1 DB	B.246
1068700000	WSH 1	B.270

1070000000

1070000000	WAP WDK2.5/BLZ/0 ZA	A.361
1070100000	WAP WDK2.5/BLZ/M ZA	A.361
1070500000	WZAF 35	A.399
1070500000	WZAF 35	A.402
1070500000	WZAF 35	A.404
1071000000	STB 21.6/H/DB WTL6/3	B.252
1071010000	STB 21.6/H/GE WTL6/3	B.252
1071010000	STB 21.6/H/GE WTL6/3	B.253
1071020000	STB 21.6/H/GB WTL6/3	B.252
1071020000	STB 21.6/H/GB WTL6/3	B.253
1071030000	STB 21.6/H/VI WTL6/3	B.252
1071030000	STB 21.6/H/VI WTL6/3	B.253
1071040000	STB 21.6/H/SW WTL6/3	B.252
1071080000	STB 21.6/H/BL WTL6/3	B.252
1071080000	STB 21.6/H/BL WTL6/3	B.253
1071100000	ZR WP04 DB	A.362
1071200000	SSCH 7.3X1.2X1000	A.362
1071200000	SSCH 7.3X1.2X1000	C.4
1071360000	WQV 16N-PEN BL	A.300
1071360000	WQV 16N-PEN BL	A.389
1071500000	Q 2 WDL2.5S	A.382
1071500000	Q 2 WDL2.5S	B.208
1071500000	Q 2 WDL2.5S	B.209
1071500000	Q 2 WDL2.5S	B.210
1071500000	Q 2 WDL2.5S	B.211
1071600000	Q 3 WDL2.5S	A.382
1071600000	Q 3 WDL2.5S	B.208
1071600000	Q 3 WDL2.5S	B.209
1071600000	Q 3 WDL2.5S	B.210
1071600000	Q 3 WDL2.5S	B.211
1071680000	TS 35X15/AL 2M/ST/ZN/0	C.11
1071690000	TS 35X7.5/LL/6X18 2M/0	C.10
1071700000	Q 4 WDL2.5S	A.382
1071700000	Q 4 WDL2.5S	B.208
1071700000	Q 4 WDL2.5S	B.209
1071700000	Q 4 WDL2.5S	B.210
1071700000	Q 4 WDL2.5S	B.211
1071800000	Q 10 WDL2.5S	A.382
1071800000	Q 10 WDL2.5S	B.208
1071800000	Q 10 WDL2.5S	B.209
1071800000	Q 10 WDL2.5S	B.210
1071800000	Q 10 WDL2.5S	B.211
1071900000	EW 15/2	C.12
1072000000	WAD 4 GE BED	A.263
1072000000	WAD 4 GE BED	A.265
1072000000	WAD 4 GE BED	A.266
1072000000	WAD 4 GE BED	A.268
1072000000	WAD 4 GE BED	A.284
1072000000	WAD 4 GE BED	A.285
1072000000	WAD 4 GE BED	A.286
1072000000	WAD 4 GE BED	A.358
1072100000	WAD 4 WS	A.263
1072100000	WAD 4 WS	A.265
1072100000	WAD 4 WS	A.266
1072100000	WAD 4 WS	A.268
1072100000	WAD 4 WS	A.284
1072100000	WAD 4 WS	A.285
1072100000	WAD 4 WS	A.286
1072100000	WAD 4 WS	A.358
1072300000	WQV 70/95-PEN	A.303
1072300000	WQV 70/95-PEN	A.389
1072300000	WQV 70/95-PEN	B.34
1072400000	WQV 120-PEN	A.303
1072400000	WQV 120-PEN	A.389
1072400000	WQV 120-PEN	B.35
1072500000	WQV 16N-4/6	A.383
1072680000	WBB WDK2.5/BL5.08	A.361
1072760000	WBB ZA WDK2.5/BL5.08	A.361
1073100000	WQV 16N-2.5	A.383
1074200000	Q 20 WDL2.5S	A.382
1074200000	Q 20 WDL2.5S	B.208
1074200000	Q 20 WDL2.5S	B.209
1074200000	Q 20 WDL2.5S	B.210
1074200000	Q 20 WDL2.5S	B.211

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1074200000	Q 20 WDL2.5S	B.211
1074600000	WAP WTR2.5/ZZ	A.333
1079200000	WQV 35N/2	A.277
1079200000	WQV 35N/2	A.380
1079200000	WQV 35N/2	B.26
1079200000	WQV 35N/2	B.294
1079300000	WQV 35N/3	A.380
1079400000	WQV 35N/4	A.277
1079400000	WQV 35N/4	A.380
1079400000	WQV 35N/4	B.26
1079400000	WQV 35N/4	B.294
1079600000	WQB PEN 35N	A.389
1079600000	WQB PEN 16N	A.389
1079700000	WQB PEN 70N	A.389
1079900000	WSH 4 MT	B.269

1080000000

1080100000	WSH 5	B.270
1080200000	WSH 6	B.270
1082400000	BFEH 1/WSH	B.271
1083100000	WSH 18 MT	B.271
1083200000	WSH 19 MT	B.271
1083600000	WAD 16N GE BED	A.277
1083600000	WAD 16N GE BED	B.26
1083600000	WAD 16N GE BED	B.294
1083900000	SMSE WSH U1 MT	B.271
1084000000	WAP WDK2.5/4 N	A.286
1084000000	WAP WDK2.5/4 N	A.287
1084000000	WAP WDK2.5/4 N	A.288
1084000000	WAP WDK2.5/4 N	A.289
1084000000	WAP WDK2.5/4 N	A.304
1084000000	WAP WDK2.5/4 N	A.305
1084080000	WAP WDK2.5/4 N BL	A.286
1084080000	WAP WDK2.5/4 N BL	A.287
1084080000	WAP WDK2.5/4 N BL	A.288
1084080000	WAP WDK2.5/4 N BL	A.289
1084080000	WAP WDK2.5/4 N BL	A.304
1084770000	ZDT 2.5/2 V	A.224

1100000000

1107860000	WT4 4AN/2	A.354
1107780000	WAP WT4/4AN/2	A.354
1107790000	WP4/1AN/1	A.354
1107790000	WP4/1AN/1	A.356
1107800000	WP4/1AN/10	A.354
1108490000	WP4/1AN/1 ZA	A.354
1108490000	WP4/1AN/1 ZA	A.356

1110000000

1112910000	WAD 5 MC NE WS	A.264
1112910000	WAD 5 MC NE WS	A.265
1112910000	WAD 5 MC NE WS	A.267
1112910000	WAD 5 MC NE WS	B.218
1112910000	WAD 5 MC NE WS	B.220
1112910000	WAD 5 MC NE WS	B.222
1112910000	WAD 5 MC NE WS	B.226
1112910000	WAD 5 MC NE WS	B.262
1112920000	WAD 5 MC NE GE	A.294
1112920000	WAD 5 MC NE GE	A.265
1112920000	WAD 5 MC NE GE	A.267
1112920000	WAD 5 MC NE GE	B.292
1112940000	WAD 8 MC NE WS	A.270
1112940000	WAD 8 MC NE WS	A.271
1112940000	WAD 8 MC NE WS	A.272
1112940000	WAD 8 MC NE WS	A.273
1112940000	WAD 8 MC NE WS	A.274
1112940000	WAD 8 MC NE WS	A.289
1112940000	WAD 8 MC NE WS	A.290
1112940000	WAD 8 MC NE WS	A.291
1112940000	WAD 8 MC NE WS	A.292
1112940000	WAD 8 MC NE WS	A.293
1112940000	WAD 8 MC NE WS	A.305
1112940000	WAD 8 MC NE WS	B.98
1112940000	WAD 8 MC NE WS	B.242
1112940000	WAD 8 MC NE WS	B.256
1112950000	WAD 8 MC NE GE	A.270
1112950000	WAD 8 MC NE GE	A.271
1112950000	WAD 8 MC NE GE	A.272
1112950000	WAD 8 MC NE GE	A.273
1112950000	WAD 8 MC NE GE	A.289
1112950000	WAD 8 MC NE GE	A.290
1112950000	WAD 8 MC NE GE	A.291
1112950000	WAD 8 MC NE GE	A.292
1112950000	WAD 8 MC NE GE	A.293
1112950000	WAD 8 MC NE GE	A.295
1112950000	WAD 8 MC NE GE	A.305
1112950000	WAD 8 MC NE GE	B.98
1114270000	WDU 4/ZZ BL	A.267
1116710000	PS_ZOV_SET	A.256
1119700000	ZDK 4/2/ZAN	A.179

Table with 3 columns: Order No., Type, Page. Contains order details for items 1173680000 to 1173930000.

118000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1186630000 to 1186780000.

119000000

Table with 3 columns: Order No., Type, Page. Contains order details for item 1193450000.

120000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1208920000 to 1208970000.

121000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1210410000 to 1216230000.

122000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1227850000 to 1227890000.

123000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1230050000 to 1230120000.

Table with 3 columns: Order No., Type, Page. Contains order details for items 1230130000 to 1247430000.

125000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1252490000 to 1256010000.

126000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1265990000 to 1269070000.

127000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1270040000 to 1278960000.

Table with 3 columns: Order No., Type, Page. Contains order details for items 1278970000 to 1279070000.

128000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1283470000 to 1286600000.

129000000

Table with 3 columns: Order No., Type, Page. Contains order details for item 1295560000.

130000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1301610000 to 1305330000.

131000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1312440000 to 1319900000.

134000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1340870000 to 1348970000.

Table with 3 columns: Order No., Type, Page. Contains order details for items 1350990000 to 1399800000.

140000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1402830000 to 1403090000.

141000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1412950000 to 1415540000.

143000000

Table with 3 columns: Order No., Type, Page. Contains order details for item 1430760000.

146000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1460580000 to 1460650000.

151000000

Table with 3 columns: Order No., Type, Page. Contains order details for items 1513640000 to 1513830000.



Order No.	Type	Page
1513830000	APG 2.5 L	A.98
1513830000	APG 2.5 L	A.99
1513830000	APG 2.5 L	A.110
1513840000	APG 2.5 L BL	A.110
1513850000	APG 2.5 L GN	A.110
1513870000	APGTB 2.5 PE 2C/1	A.95
1513870000	APGTB 2.5 PE 2C/1	A.127
1513880000	APG 2.5 MI	A.95
1513880000	APG 2.5 MI	A.96
1513880000	APG 2.5 MI	A.97
1513880000	APG 2.5 MI	A.98
1513880000	APG 2.5 MI	A.99
1513880000	APG 2.5 MI	A.110
1513890000	APGTB 2.5 PE 3C/1	A.96
1513900000	APGTB 2.5 PE 3C/1	A.127
1513900000	APG 2.5 MI BL	A.110
1513920000	APGTB 2.5 PE 4C/2	A.97
1513920000	APGTB 2.5 PE 4C/2	A.127
1513930000	APG 2.5 MIGN	A.110
1513940000	APG 2.5 R	A.95
1513940000	APG 2.5 R	A.96
1513940000	APG 2.5 R	A.97
1513940000	APG 2.5 R	A.98
1513940000	APG 2.5 R	A.99
1513940000	APG 2.5 R	A.110
1513950000	APG 2.5 R BL	A.110
1513970000	APGTB 2.5 FT 2C/1	A.95
1513970000	APGTB 2.5 FT 2C/1	A.127
1513980000	APG 2.5 R GN	A.110
1513990000	APGTB 2.5 FT 2C/1 BL	A.95
1514000000	APGTB 2.5 FT 3C/1	A.96
1514000000	APGTB 2.5 FT 3C/1	A.127
1514020000	APGTB 2.5 FT 3C/1 BL	A.96
1514030000	APGTB 2.5 FT 4C/2	A.97
1514030000	APGTB 2.5 FT 4C/2	A.127
1514040000	APGTB 2.5 FT 4C/2 BL	A.97
1514400000	AEP 2C 2.5	A.27
1514400000	AEP 2C 2.5	A.61
1514400000	AEP 2C 2.5	A.95
1514400000	AEP 2C 2.5	A.124
1514400000	AEP 2C 2.5	B.280
1514420000	AEP 2C 2.5 BL	A.27
1514420000	AEP 2C 2.5 BL	A.95
1514420000	AEP 2C 2.5 BL	A.124
1514500000	AEP PGTB 2.5 4C/2	A.97
1514470000	AEP PGTB 2.5 4C/2 BL	A.97
1514490000	APGCE	A.106
1514490000	APGCE	A.107
1514490000	APGCE	A.108
1514490000	APGCE	A.111
1514490000	APGCE	A.352
1514490000	APGCE	A.353
1514490000	APGCE	A.356
1514490000	APGCE	B.226
1514490000	APGCE	B.231
1514500000	APGPC 2.5	A.106
1514500000	APGPC 2.5	A.108
1514500000	APGPC 2.5	A.111
1518300000	KDKS 1PE/LLC 10-36V AC/DC	A.328
1518330000	KDKS 1PE/LLC 30-70V AC/DC	A.328
1518340000	KDKS 1PE/LLC 60-150V AC/DC	A.328
1518370000	KDKS 1PE/LLC 100-250V AC/DC	A.328

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1521510000	AEP 3C 2.5	A.27
1521510000	AEP 3C 2.5	A.61
1521510000	AEP 3C 2.5	A.96
1521520000	AEP 3C 2.5 BL	A.27
1521520000	AEP 3C 2.5 BL	A.96
1521530000	AEP 4C 2.5	A.28
1521530000	AEP 4C 2.5	A.62
1521530000	AEP 4C 2.5	A.81
1521530000	AEP 4C 2.5	A.82
1521530000	AEP 4C 2.5	B.286
1521540000	A4C 2.5 PE	A.62
1521540000	A4C 2.5 PE	A.127
1521640000	AEP 4C 2.5 BL	A.28
1521640000	AEP 4C 2.5 BL	A.81
1521640000	AEP 4C 2.5 BL	A.82
1521640000	AEP 4C 2.5 BL	B.286
1521670000	A3C 2.5 PE	A.61
1521670000	A3C 2.5 PE	A.74
1521670000	A3C 2.5 PE	A.127
1521680000	A2C 2.5 PE	A.62
1521680000	A2C 2.5 PE	A.127
1521690000	A4C 2.5	A.28
1521690000	A4C 2.5	A.127
1521690000	A4C 2.5	A.140
1521700000	A4C 2.5 BL	A.28
1521700000	A4C 2.5 BL	A.140
1521710000	A4C 2.5 BL	A.140
1521710000	A4C 2.5 BL	A.140
1521710000	A4C 2.5 BL	A.140
1521720000	A4C 2.5 OR	A.140
1521730000	A4C 2.5 YL	A.140
1521740000	A3C 2.5	A.127
1521740000	A3C 2.5	A.174
1521740000	A3C 2.5	A.175
1521740000	A3C 2.5	A.184
1521740000	A3C 2.5	A.190
1521770000	A4C 2.5 GN	A.140

Order No.	Type	Page
1521780000	A3C 2.5 BL	A.27
1521780000	A3C 2.5 BL	A.140
1521790000	A4C 2.5 WT	A.140
1521800000	A3C 2.5 RD	A.140
1521820000	A4C 2.5 BK	A.140
1521830000	A3C 2.5 OR	A.140
1521840000	A3C 2.5 YL	A.140
1521850000	A2C 2.5	A.27
1521850000	A2C 2.5	A.124
1521850000	A2C 2.5	A.127
1521850000	A2C 2.5	A.140
1521870000	A3C 2.5 GN	A.140
1521880000	A2C 2.5 BL	A.27
1521880000	A2C 2.5 BL	A.124
1521880000	A2C 2.5 BL	A.140
1521890000	A3C 2.5 WT	A.140
1521900000	A2C 2.5 RD	A.140
1521920000	A3C 2.5 BK	A.140
1521930000	A2C 2.5 OR	A.140
1521940000	A2C 2.5 YL	A.140
1521950000	A2C 2.5 GN	A.140
1521970000	A2C 2.5 WT	A.140
1521980000	A2C 2.5 BK	A.140
1527540000	ZDV 2.5N/2	A.6
1527540000	ZDV 2.5N/2	A.7
1527540000	ZDV 2.5N/2	A.10
1527540000	ZDV 2.5N/2	A.11
1527540000	ZDV 2.5N/2	A.12
1527540000	ZDV 2.5N/2	A.13
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1527540000	ZDV 2.5N/2	A.21
1527540000	ZDV 2.5N/2	A.22
1527540000	ZDV 2.5N/2	A.28
1527540000	ZDV 2.5N/2	A.32
1527540000	ZDV 2.5N/2	A.35
1527540000	ZDV 2.5N/2	A.36
1527540000	ZDV 2.5N/2	A.37
1527540000	ZDV 2.5N/2	A.46
1527540000	ZDV 2.5N/2	A.47
1527540000	ZDV 2.5N/2	A.48
1527540000	ZDV 2.5N/2	A.49
1527540000	ZDV 2.5N/2	A.51
1527540000	ZDV 2.5N/2	A.52
1527540000	ZDV 2.5N/2	A.53
1527540000	ZDV 2.5N/2	A.56
1527540000	ZDV 2.5N/2	A.57
1527540000	ZDV 2.5N/2	A.58
1527540000	ZDV 2.5N/2	A.74
1527540000	ZDV 2.5N/2	A.81
1527540000	ZDV 2.5N/2	A.82
1527540000	ZDV 2.5N/2	A.83
1527540000	ZDV 2.5N/2	A.84
1527540000	ZDV 2.5N/2	A.85
1527540000	ZDV 2.5N/2	A.86
1527540000	ZDV 2.5N/2	A.88
1527540000	ZDV 2.5N/2	A.95
1527540000	ZDV 2.5N/2	A.96
1527540000	ZDV 2.5N/2	A.97
1527540000	ZDV 2.5N/2	A.98
1527540000	ZDV 2.5N/2	A.99
1527540000	ZDV 2.5N/2	A.114
1527540000	ZDV 2.5N/2	A.115
1527540000	ZDV 2.5N/2	A.116
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1527540000	ZDV 2.5N/2	A.124
1527540000	ZDV 2.5N/2	A.132
1527540000	ZDV 2.5N/2	A.147
1527540000	ZDV 2.5N/2	A.216
1527540000	ZDV 2.5N/2	A.218
1527540000	ZDV 2.5N/2	A.219
1527540000	ZDV 2.5N/2	A.224
1527540000	ZDV 2.5N/2	A.225
1527540000	ZDV 2.5N/2	A.227
1527540000	ZDV 2.5N/2	A.231
1527540000	ZDV 2.5N/2	A.263
1527540000	ZDV 2.5N/2	A.264
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1527540000	ZDV 2.5N/2	A.285
1527540000	ZDV 2.5N/2	A.286
1527540000	ZDV 2.5N/2	A.287
1527540000	ZDV 2.5N/2	A.322
1527540000	ZDV 2.5N/2	A.332
1527540000	ZDV 2.5N/2	A.333
1527540000	ZDV 2.5N/2	A.352
1527540000	ZDV 2.5N/2	A.353
1527540000	ZDV 2.5N/2	A.360
1527540000	ZDV 2.5N/2	A.376
1527540000	ZDV 2.5N/2	B.54
1527540000	ZDV 2.5N/2	B.96
1527540000	ZDV 2.5N/2	B.170
1527540000	ZDV 2.5N/2	B.171
1527540000	ZDV 2.5N/2	B.172
1527540000	ZDV 2.5N/2	B.173
1527540000	ZDV 2.5N/2	B.174
1527540000	ZDV 2.5N/2	B.175
1527540000	ZDV 2.5N/2	B.184
1527540000	ZDV 2.5N/2	B.190
1527540000	ZDV 2.5N/2	B.191

Order No.	Type	Page
1527540000	ZDV 2.5N/2	B.192
1527540000	ZDV 2.5N/2	B.193
1527540000	ZDV 2.5N/2	B.196
1527540000	ZDV 2.5N/2	B.197
1527540000	ZDV 2.5N/2	B.198
1527540000	ZDV 2.5N/2	B.199
1527540000	ZDV 2.5N/2	B.284
1527540000	ZDV 2.5N/2	B.285
1527540000	ZDV 2.5N/2	B.286
1527540000	ZDV 2.5N/2	B.291
1527540000	ZDV 2.5N/2	B.292
1527570000	ZDV 2.5N/3	A.132
1527570000	ZDV 2.5N/3	A.376
1527570000	ZDV 2.5N/3	B.184
1527570000	ZDV 2.5N/3	B.190
1527570000	ZDV 2.5N/3	B.191
1527570000	ZDV 2.5N/3	B.192
1527570000	ZDV 2.5N/3	B.193
1527570000	ZDV 2.5N/3	B.196
1527570000	ZDV 2.5N/3	B.197
1527570000	ZDV 2.5N/3	B.198
1527570000	ZDV 2.5N/3	B.199
1527590000	ZDV 2.5N/4	A.132
1527590000	ZDV 2.5N/4	A.376
1527590000	ZDV 2.5N/4	B.184
1527590000	ZDV 2.5N/4	B.190
1527590000	ZDV 2.5N/4	B.191
1527590000	ZDV 2.5N/4	B.192
1527590000	ZDV 2.5N/4	B.193
1527590000	ZDV 2.5N/4	B.196
1527590000	ZDV 2.5N/4	B.197
1527590000	ZDV 2.5N/4	B.198
1527590000	ZDV 2.5N/4	B.199
1527620000	ZDV 2.5N/5	A.132
1527620000	ZDV 2.5N/5	A.376
1527630000	ZDV 2.5N/6	A.132
1527630000	ZDV 2.5N/6	A.376
1527640000	ZDV 2.5N/7	A.132
1527640000	ZDV 2.5N/7	A.376
1527670000	ZDV 2.5N/8	A.132
1527670000	ZDV 2.5N/8	A.376
1527680000	ZDV 2.5N/9	A.132
1527680000	ZDV 2.5N/9	A.376
1527690000	ZDV 2.5N/10	A.6
1527690000	ZDV 2.5N/10	A.7
1527690000	ZDV 2.5N/10	A.10
1527690000	ZDV 2.5N/10	A.11
1527690000	ZDV 2.5N/10	A.12
1527690000	ZDV 2.5N/10	A.13
1527690000	ZDV 2.5N/10	A.20
1527690000	ZDV 2.5N/10	A.21
1527690000	ZDV 2.5N/10	A.22
1527690000	ZDV 2.5N/10	A.27
1527690000	ZDV 2.5N/10	A.28
1527690000	ZDV 2.5N/10	A.32
1527690000	ZDV 2.5N/10	A.35
1527690000	ZDV 2.5N/10	A.36
1527690000	ZDV 2.5N/10	A.37
1527690000	ZDV 2.5N/10	A.46
1527690000	ZDV 2.5N/10	A.47
1527690000	ZDV 2.5N/10	A.48
1527690000	ZDV 2.5N/10	A.49
1527690000	ZDV 2.5N/10	A.51
1527690000	ZDV 2.5N/10	A.52
1527690000	ZDV 2.5N/10	A.53
1527690000	ZDV 2.5N/10	A.56
1527690000	ZDV 2.5N/10	A.57
1527690000	ZDV 2.5N/10	A.58
1527690000	ZDV 2.5N/10	A.74
1527690000	ZDV 2.5N/10	A.81
1527690000	ZDV 2.5N/10	A.82
1527690000	ZDV 2.5N/10	A.83
1527690000	ZDV 2.5N/10	A.84
1527690000	ZDV 2.5N/10	A.85
1527690000	ZDV 2.5N/10	A.86
1527690000	ZDV 2.5N/10	A.88
1527690000	ZDV 2.5N/10	A.95
1527690000	ZDV 2.5N/10	A.96
1527690000	ZDV 2.5N/10	A.97
1527690000	ZDV 2.5N/10	A.98
1527690000	ZDV 2.5N/10	A.99
1527690000	ZDV 2.5N/10	A.114
1527690000	ZDV 2.5N/10	A.115
1527690000	ZDV 2.5N/10	A.116
1527690000	ZDV 2.5N/10	A.117
1527690000	ZDV 2.5N/10	A.124
1527690000	ZDV 2.5N/10	A.132
1527690000	ZDV 2.5N/10	A.147
1527690000	ZDV 2.5N/10	A.115
1527690000	ZDV 2.5N/10	A.116
1527690000	ZDV 2.5N/10	

Table with columns: Order No., Type, Page. Contains a list of 240 entries, mostly ZQV 4N/2 and ZQV 4N/4 types.

Table with columns: Order No., Type, Page. Contains a list of 240 entries, mostly ZQV 4N/10 types.

1540000000

Table with columns: Order No., Type, Page. Contains a list of 240 entries, mostly BLZ/SL KD BK BX, EBB 25-50/16, and JB 25-50 types.

Table with columns: Order No., Type, Page. Contains a list of 240 entries, mostly AEP 2T 2.5, AEP 2T 2.5 BL, and AEP 2T 2.5 BL BL types.

1550000000

Table with columns: Order No., Type, Page. Contains a list of 240 entries, mostly AEP 2C 1.5, AEP 2C 1.5 BL, and AEP 3C 1.5 BL types.

1560000000

Table with columns: Order No., Type, Page. Contains a list of 240 entries, mostly WPD 101 2X25/2X16 GN, WPD 101 2X25/2X16 BK, and WPD 101 2X25/2X16 BN types.

Table with columns: Order No., Type, Page. Contains a list of 240 entries, mostly WPD 401 2X25/2X16 3XG/1XBL, WPD 501 2X25/2X16 1XGN/3XG/1XBL, and WPD 204 2X25/4X16-6X10 2XGY types.

1570000000

Table with columns: Order No., Type, Page. Contains a list of 240 entries, mostly BLZ/SL KD OR BX, WAP WDU1.5/BLZ/ZA, and WAP WDU1.5/BLZ types.

1590000000

Table with columns: Order No., Type, Page. Contains a list of 240 entries, mostly KLBUE 4-13.5.

1600000000

Table with columns: Order No., Type, Page. Contains a list of 240 entries, mostly KLBUE 3-9, KLBUE 10-20, SSP WTL6/2, and WKS 1/2 types.



Order No.	Type	Page
1609860000	WS 12/5 MC NE WS	B.206
1609860000	WS 12/5 MC NE WS	B.283
1609860000	WS 12/5 MC NE WS	B.292
1609870000	WS 12/5 MC SDR	A.360
1609880000	WS 15/5 MC NE WS	A.157
1609880000	WS 15/5 MC NE WS	A.158
1609880000	WS 15/5 MC NE WS	A.189
1609880000	WS 15/5 MC NE WS	A.398
1609880000	WS 15/5 MC NE WS	A.399
1609880000	WS 15/5 MC NE WS	A.400
1609880000	WS 15/5 MC NE WS	A.401
1609900000	WS 12/6 MC NE WS	A.151
1609900000	WS 12/6 MC NE WS	A.155
1609900000	WS 12/6 MC NE WS	A.161
1609900000	WS 12/6 MC NE WS	A.162
1609900000	WS 12/6 MC NE WS	A.185
1609900000	WS 12/6 MC NE WS	A.186
1609900000	WS 12/6 MC NE WS	A.187
1609900000	WS 12/6 MC NE WS	A.188
1609900000	WS 12/6 MC NE WS	A.191
1609900000	WS 12/6 MC NE WS	A.192
1609900000	WS 12/6 MC NE WS	A.210
1609900000	WS 12/6 MC NE WS	A.267
1609900000	WS 12/6 MC NE WS	A.268
1609900000	WS 12/6 MC NE WS	A.269
1609900000	WS 12/6 MC NE WS	A.298
1609900000	WS 12/6 MC NE WS	A.311
1609900000	WS 12/6 MC NE WS	A.312
1609900000	WS 12/6 MC NE WS	A.313
1609900000	WS 12/6 MC NE WS	A.323
1609900000	WS 12/6 MC NE WS	A.339
1609900000	WS 12/6 MC NE WS	A.340
1609900000	WS 12/6 MC NE WS	A.341
1609900000	WS 12/6 MC NE WS	B.240
1609900000	WS 12/6 MC NE WS	B.254
1609900000	WS 12/6 MC NE WS	B.255
1609900000	WS 12/6 MC NE WS	B.292
1609900000	WS 12/6 MC NE WS	B.299
1609920000	WS 12/6.5 MC NE WS	A.270
1609920000	WS 12/6.5 MC NE WS	A.271
1609920000	WS 12/6.5 MC NE WS	A.272
1609920000	WS 12/6.5 MC NE WS	A.273
1609920000	WS 12/6.5 MC NE WS	A.274
1609920000	WS 12/6.5 MC NE WS	A.276
1609920000	WS 12/6.5 MC NE WS	A.277
1609920000	WS 12/6.5 MC NE WS	A.278
1609920000	WS 12/6.5 MC NE WS	A.279
1609920000	WS 12/6.5 MC NE WS	A.280
1609920000	WS 12/6.5 MC NE WS	A.283
1609920000	WS 12/6.5 MC NE WS	A.299
1609920000	WS 12/6.5 MC NE WS	A.300
1609920000	WS 12/6.5 MC NE WS	A.301
1609920000	WS 12/6.5 MC NE WS	A.302
1609920000	WS 12/6.5 MC NE WS	A.303
1609920000	WS 12/6.5 MC NE WS	A.314
1609920000	WS 12/6.5 MC NE WS	A.315
1609920000	WS 12/6.5 MC NE WS	A.316
1609920000	WS 12/6.5 MC NE WS	A.317
1609920000	WS 12/6.5 MC NE WS	A.318
1609920000	WS 12/6.5 MC NE WS	A.319
1609920000	WS 12/6.5 MC NE WS	A.404
1609920000	WS 12/6.5 MC NE WS	A.405
1609920000	WS 12/6.5 MC NE WS	A.406
1609920000	WS 12/6.5 MC NE WS	A.407
1609920000	WS 12/6.5 MC NE WS	B.26
1609920000	WS 12/6.5 MC NE WS	B.27
1609920000	WS 12/6.5 MC NE WS	B.28
1609920000	WS 12/6.5 MC NE WS	B.29
1609920000	WS 12/6.5 MC NE WS	B.30
1609920000	WS 12/6.5 MC NE WS	B.32
1609920000	WS 12/6.5 MC NE WS	B.33
1609920000	WS 12/6.5 MC NE WS	B.34
1609920000	WS 12/6.5 MC NE WS	B.35
1609920000	WS 12/6.5 MC NE WS	B.251
1609920000	WS 12/6.5 MC NE WS	B.293
1609920000	WS 12/6.5 MC NE WS	B.294
1609920000	WS 12/6.5 MC NE WS	B.295
1609920000	WS 12/6.5 MC NE WS	B.296

1610000000

1610110000	TSTW D 4.3	C.13
1610840000	ZAP TNHE/ZSI2.5	A.199
1610840000	ZAP TNHE/ZSI2.5	A.200
1610840000	ZAP TNHE/ZSI2.5	A.201
1610840000	ZAP TNHE/ZSI2.5	A.202
1610840000	ZAP TNHE/ZSI2.5	A.203
1611930000	ZGB 30	A.231
1611930000	ZGB 30	A.260
1614280000	ZRH 2.5/3	A.357
1614290000	ZRH 2.5/2 GR/V0	A.152
1614290000	ZRH 2.5/2 GR/V0	A.153
1614290000	ZRH 2.5/2 GR/V0	A.184
1614290000	ZRH 2.5/2 GR/V0	A.185
1614290000	ZRH 2.5/2 GR/V0	A.238
1614290000	ZRH 2.5/2 GR/V0	A.239
1614290000	ZRH 2.5/2 GR/V0	A.257
1614290000	ZRH 2.5/2 GR/V0	B.282
1614300000	ZRH 2.5/1 WS	A.152

Order No.	Type	Page
1614300000	ZRH 2.5/1 WS	A.153
1614300000	ZRH 2.5/1 WS	A.184
1614300000	ZRH 2.5/1 WS	A.185
1614300000	ZRH 2.5/1 WS	A.238
1614300000	ZRH 2.5/1 WS	A.239
1614300000	ZRH 2.5/1 WS	A.257
1614300000	ZRH 2.5/1 WS	B.282
1616400000	ZSI 2.5	A.199
1616410000	ZSI 2.5/LD 250AC	A.201
1616420000	ZSI 2.5/LD 120AC	A.201
1616430000	ZSI 2.5/LD 60AC	A.201
1616440000	ZSI 2.5/LD 28AC	A.201
1616460000	ZSI 2.5/2 500AC	A.202
1616470000	ZSI 2.5/2/LD 28AC	A.203
1616490000	ZSI 2.5/2/LD 120AC	A.203
1616500000	ZSI 2.5/2/LD 250AC	A.203

1620000000

1627850000	ZQV 6/2 GE	A.155
1627850000	ZQV 6/2 GE	A.163
1627850000	ZQV 6/2 GE	A.199
1627850000	ZQV 6/2 GE	A.200
1627850000	ZQV 6/2 GE	A.201
1627850000	ZQV 6/2 GE	A.210
1627850000	ZQV 6/2 GE	A.211
1627850000	ZQV 6/2 GE	A.212
1627850000	ZQV 6/2 GE	A.215
1627850000	ZQV 6/2 GE	A.241
1627850000	ZQV 6/2 GE	A.253
1627860000	ZQV 6/3 GE	A.253
1627870000	ZQV 6/4 GE	A.155
1627870000	ZQV 6/4 GE	A.167
1627870000	ZQV 6/4 GE	A.163
1627870000	ZQV 6/4 GE	A.199
1627870000	ZQV 6/4 GE	A.200
1627870000	ZQV 6/4 GE	A.201
1627870000	ZQV 6/4 GE	A.210
1627870000	ZQV 6/4 GE	A.215
1627870000	ZQV 6/4 GE	A.241
1627870000	ZQV 6/4 GE	A.253

1630000000

1632050000	ZDU 4	A.154
1632060000	ZDU 4 BL	A.154
1632080000	ZPE 4	A.185
1632090000	ZAP/TW 4	A.154
1632090000	ZAP/TW 4	A.185
1632100000	ZAP/TW 4 BL	A.154
1632130000	ZRH 1.5N/2	A.257
1632130000	ZRH 1.5N/2	B.134
1632130000	ZRH 1.5N/2	B.135
1632140000	ZRH 1.5N/1	A.302
1632140000	ZRH 1.5N/1	B.134
1632140000	ZRH 1.5N/1	B.135
1632290000	WTA 1 WDU1.5	A.265
1632290000	WTA 1 WDU1.5	A.266
1632290000	WTA 1 WDU1.5	A.268
1632290000	WTA 1 WDU1.5	A.386
1632300000	WTA 1ZA WDU1.5	A.265
1632300000	WTA 1ZA WDU1.5	A.266
1632300000	WTA 1ZA WDU1.5	A.268
1632320000	WTA 2 WDU2.5-10	A.263
1632320000	WTA 2 WDU2.5-10	A.264
1632320000	WTA 2 WDU2.5-10	A.265
1632320000	WTA 2 WDU2.5-10	A.275
1632320000	WTA 2 WDU2.5-10	A.386
1632320000	WTA 2 WDU2.5-10	B.292
1632320000	WTA 2 WDU2.5-10	B.293
1632330000	WTA 2ZA WDU2.5-10	A.263
1632330000	WTA 2ZA WDU2.5-10	A.264
1632330000	WTA 2ZA WDU2.5-10	A.265
1632330000	WTA 2ZA WDU2.5-10	A.386
1632330000	WTA 2ZA WDU2.5-10	B.292
1632340000	WTA 2/10 WDU2.5/10	A.386
1632350000	WTA 3 WDU4	A.267
1632350000	WTA 3 WDU4	A.269
1632350000	WTA 3 WDU4	A.270
1632350000	WTA 3 WDU4	A.272
1632350000	WTA 3 WDU4	A.386
1632350000	WTA 3 WDU4	B.292
1632360000	WTA 3ZA WDU4	A.267
1632360000	WTA 3ZA WDU4	A.386
1632360000	WTA 3ZA WDU4	B.292
1632380000	WTA 6 WTR2.5	A.332
1632380000	WTA 6 WTR2.5	A.386
1632390000	WTA 6ZA WTR2.5	A.386
1633200000	ZQS 2.5/2	A.202
1633200000	ZQS 2.5/2	A.203
1633200000	ZQS 2.5/2	A.252
1633210000	ZQS 2.5/3	A.252
1633220000	ZQS 2.5/4	A.202
1633220000	ZQS 2.5/4	A.203
1633220000	ZQS 2.5/4	A.252
1633230000	ZQS 2.5/5	A.252
1633280000	VQB 1.5/50 BL	A.293
1633280000	VQB 1.5/50 BL	A.344

Order No.	Type	Page
1633280000	VQB 1.5/50 BL	B.99
1633280000	VQB 1.5/50 BL	B.136
1633280000	VQB 1.5/50 BL	B.137
1633280000	VQB 1.5/50 BL	B.138
1633280000	VQB 1.5/50 BL	B.139
1633290000	VQB 1.5/50 RT	A.293
1633290000	VQB 1.5/50 RT	A.344
1633290000	VQB 1.5/50 RT	B.99
1633290000	VQB 1.5/50 RT	B.136
1633290000	VQB 1.5/50 RT	B.137
1633290000	VQB 1.5/50 RT	B.138
1633290000	VQB 1.5/50 RT	B.139
1635000000	WS 10/5 MC NE WS	A.144
1635000000	WS 10/5 MC NE WS	A.145
1635000000	WS 10/5 MC NE WS	A.146
1635000000	WS 10/5 MC NE WS	A.147
1635000000	WS 10/5 MC NE WS	A.152
1635000000	WS 10/5 MC NE WS	A.153
1635000000	WS 10/5 MC NE WS	A.174
1635000000	WS 10/5 MC NE WS	A.175
1635000000	WS 10/5 MC NE WS	A.176
1635000000	WS 10/5 MC NE WS	A.180
1635000000	WS 10/5 MC NE WS	A.181
1635000000	WS 10/5 MC NE WS	A.182
1635000000	WS 10/5 MC NE WS	A.183
1635000000	WS 10/5 MC NE WS	A.184
1635000000	WS 10/5 MC NE WS	A.185
1635000000	WS 10/5 MC NE WS	A.191
1635000000	WS 10/5 MC NE WS	A.199
1635000000	WS 10/5 MC NE WS	A.200
1635000000	WS 10/5 MC NE WS	A.201
1635000000	WS 10/5 MC NE WS	A.202
1635000000	WS 10/5 MC NE WS	A.203
1635000000	WS 10/5 MC NE WS	A.204
1635000000	WS 10/5 MC NE WS	A.206
1635000000	WS 10/5 MC NE WS	A.208
1635000000	WS 10/5 MC NE WS	A.209
1635000000	WS 10/5 MC NE WS	A.214
1635000000	WS 10/5 MC NE WS	A.221
1635000000	WS 10/5 MC NE WS	A.222
1635000000	WS 10/5 MC NE WS	A.226
1635000000	WS 10/5 MC NE WS	A.230
1635000000	WS 10/5 MC NE WS	A.231
1635000000	WS 10/5 MC NE WS	A.238
1635000000	WS 10/5 MC NE WS	A.239
1635000000	WS 10/5 MC NE WS	A.352
1635000000	WS 10/5 MC NE WS	A.353
1635000000	WS 10/5 MC NE WS	B.171
1635000000	WS 10/5 MC NE WS	B.172
1635000000	WS 10/5 MC NE WS	B.173
1635000000	WS 10/5 MC NE WS	B.174
1635000000	WS 10/5 MC NE WS	B.175
1635120000	VQB 1.5/50 SW	A.293
1635120000	VQB 1.5/50 SW	A.344
1635120000	VQB 1.5/50 SW	B.99
1635120000	VQB 1.5/50 SW	B.136
1635120000	VQB 1.5/50 SW	B.137
1635120000	VQB 1.5/50 SW	B.138
1635120000	VQB 1.5/50 SW	B.139
1636560000	WQV 16N/2	A.275
1636560000	WQV 16N/2	A.381
1636560000	WQV 16N/2	B.293
1636570000	WQV 16N/3	A.381
1636580000	WQV 16N/4	A.275
1636580000	WQV 16N/4	A.381
1636580000	WQV 16N/4	B.293
1636640000	ZRH 4/1 WS	A.154
1636640000	ZRH 4/1 WS	A.155
1636640000	ZRH 4/1 WS	A.185
1636640000	ZRH 4/1 WS	A.186
1636640000	ZRH 4/1 WS	A.191
1636640000	ZRH 4/1 WS	A.192
1636640000	ZRH 4/1 WS	A.257

1640000000

1640740000	WS 8/5 MC NE WS	A.284
1640740000	WS 8/5 MC NE WS	A.285
1640740000	WS 8/5 MC NE WS	A.286
1640740000	WS 8/5 MC NE WS	A.287
1640740000	WS 8/5 MC NE WS	A.304
1640740000	WS 8/5 MC NE WS	A.342
1640740000	WS 8/5 MC NE WS	A.343
1640740000	WS 8/5 MC NE WS	A.344
1640740000	WS 8/5 MC NE WS	A.346
1640740000	WS 8/5 MC NE WS	A.347
1640740000	WS 8/5 MC NE WS	A.359
1640740000</		

Table with 3 columns: Order No., Type, Page. Rows include 1688110000 ZTA 4, 1688110000 ZTA 4, 1688110000 ZTA 4, etc.

1690000000

Table with 3 columns: Order No., Type, Page. Rows include 1690000000 ZDK 2.5PE, 1690010000 ZDK 2.5/D RT/1, 1690020000 ZDK 2.5/D/1, etc.

1700000000

Table with 3 columns: Order No., Type, Page. Rows include 1700530001 MARKOC. 25X25X25 B/DR., 1700540001 MARKOC. 50X50X50 B/DR., 1704350000 ZDUB 2.5-2/2AN/DM, etc.

1710000000

Table with 3 columns: Order No., Type, Page. Rows include 1711930000 ZVL 1.5 0.QV, 1712311001 KLBUe 4-13.5 SC, 1712321001 KLBUe 10-20 SC, etc.

Table with 3 columns: Order No., Type, Page. Rows include 1718341001 KLBUe 15-32 SC, 1718550000 WNT 35N 10X3

1720000000

Table with 3 columns: Order No., Type, Page. Rows include 1720700000 ZVQ 2.5/1.5, 1720700000 ZVQ 2.5/1.5, 1720700000 ZVQ 2.5/1.5, etc.

1730000000

Table with 3 columns: Order No., Type, Page. Rows include 1730900000 ZSI 2.5/5X25, 1730940000 WDU 2.5N/600UL, 1739620000 ZDU 35, etc.

1740000000

Table with 3 columns: Order No., Type, Page. Rows include 1741090000 SYMBOL-P. 25X25X25 B/DR, 1741100000 SYMBOL-P. 50X50X50 B/DR, 1742630000 BTWZ KLBUe, etc.

1750000000

Table with 3 columns: Order No., Type, Page. Rows include 1752131001 KLBUe CD 2, 1752620000 ZAD 6/5, 1752681001 KLBUe 3-8 CPF, etc.

Table with 3 columns: Order No., Type, Page. Rows include 1755270000 DEK 5/3.5 MC NE WS, 1755270000 DEK 5/3.5 MC NE WS, 1755270000 DEK 5/3.5 MC NE WS, etc.

1760000000

Table with 3 columns: Order No., Type, Page. Rows include 1760720000 BS 35/WSH 2, 1763940000 WTR 2.5/SI, 1763950000 WTR 2.5/SI LD 36V, etc.

170000000

Table with 3 columns: Order No., Type, Page. Row: 1766900000 WTW WTL 6/1 4MM B.242

1760000000

Table with 3 columns: Order No., Type, Page. Rows include 1767670000 ZPE 10/3AN, 1767690000 ZDU 10/3AN, 1767700000 ZDU 10/3AN/BL, etc.

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Table with 3 columns: Order No., Type, Page. Rows include 1770360000 ZDU 4-2/3AN, 1770370000 ZDU 4-2/2AN, 1770380000 ZPE 4-2/2AN, etc.

Table with 3 columns: Order No., Type, Page. Rows include 1776120000 ZDV 1.5/2, 1776120000 ZDV 1.5/2, 1776120000 ZDV 1.5/2, etc.

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1833100000	BEST	A.227
1833100000	BEST	A.259
1833100000	BEST	A.332
1833100000	BEST	A.334
1833100000	BEST	A.335
1833100000	BEST	A.336
1833100000	BEST	A.337
1833100000	BEST	A.338
1833100000	BEST	A.339
1833100000	BEST	A.344
1833100000	BEST	A.346
1833100000	BEST	A.347
1833100000	BEST	A.349
1833100000	BEST	A.350
1833100000	BEST	A.351
1833100000	BEST	B.151
1833100000	BEST	B.152
1833100000	BEST	B.153
1833100000	BEST	B.160
1833100000	BEST	B.162
1833100000	BEST	B.171
1833100000	BEST	B.172
1833100000	BEST	B.173
1833100000	BEST	B.174
1833100000	BEST	B.175
1833100000	BEST	B.176
1833100000	BEST	B.196
1833100000	BEST	B.197
1833100000	BEST	B.198
1833100000	BEST	B.199
1833600000	WDK 2.5/TR-DU/O TNHSE	A.346
1833640000	WDK 2.5/TR-DU-PE/O TNHSE	A.347
1834060000	WQV 50N/2	A.278
1834060000	WQV 50N/2	A.380
1834060000	WQV 50N/2	B.27
1834060000	WQV 50N/2	B.28
1834060000	WQV 50N/2	B.295
1834070000	WQV 50N/3	A.278
1834070000	WQV 50N/3	A.380
1834070000	WQV 50N/3	B.27
1834070000	WQV 50N/3	B.28
1834070000	WQV 50N/3	B.295
1834080000	WQV 50N/4	A.278
1834080000	WQV 50N/4	A.380
1834080000	WQV 50N/4	B.27
1834080000	WQV 50N/4	B.28
1834080000	WQV 50N/4	B.295
1837380000	TS 35X15/5X18 2M/ST/ZN	C.11
1839850000	WAP WDK 2.5M/TR-DU	A.346
1839850000	WAP WDK 2.5M/TR-DU	A.347

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1846030000	WPE 95N/120N	A.302
1846030000	WPE 95N/120N	B.34
1846040000	WPE 50N	A.301
1846040000	WPE 50N	B.33
1847600000	ZTA ZT2.5/ZA	A.164
1847600000	ZTA ZT2.5/ZA	A.165
1847600000	ZTA ZT2.5/ZA	A.175
1847600000	ZTA ZT2.5/ZA	A.180
1847600000	ZTA ZT2.5/ZA	A.181
1847600000	ZTA ZT2.5/ZA	A.194
1847600000	ZTA ZT2.5/ZA	A.195
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1847600000	ZTA ZT2.5/ZA	A.218
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1847600000	ZTA ZT2.5/ZA	A.221
1847600000	ZTA ZT2.5/ZA	A.222
1847600000	ZTA ZT2.5/ZA	A.224
1847600000	ZTA ZT2.5/ZA	A.225
1847600000	ZTA ZT2.5/ZA	A.226
1847600000	ZTA ZT2.5/ZA	A.254
1847760000	STB 36.8/HH/GE WTL6/1	B.244
1847760000	STB 36.8/HH/GE WTL6/1	B.245
1847760000	STB 36.8/HH/GE WTL6/1	B.246
1847760000	STB 36.8/HH/GE WTL6/1	B.249
1847760000	STB 36.8/HH/GE WTL6/1	B.250
1847770000	STB 36.8/HH/GE WTL6/1	B.244
1847770000	STB 36.8/HH/GE WTL6/1	B.245
1847770000	STB 36.8/HH/GE WTL6/1	B.246
1847770000	STB 36.8/HH/GE WTL6/1	B.249
1847770000	STB 36.8/HH/GE WTL6/1	B.250
1847790000	STB 36.8/HH/BL WTL6/1	B.244
1847790000	STB 36.8/HH/BL WTL6/1	B.245
1847790000	STB 36.8/HH/BL WTL6/1	B.246
1847790000	STB 36.8/HH/BL WTL6/1	B.249
1847790000	STB 36.8/HH/BL WTL6/1	B.250
1848290000	TS 35X15/2.3 2M/AL/BK	C.11
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1848340000	ZP 4/1AN/1	A.220
1848340000	ZP 4/1AN/1	A.232

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1848360000	ZAP/TW ZT4/4AN/2	A.220
1848360000	ZAP/TW ZT4/4AN/2	A.223
1848480000	FEKO ZRV2.5 1.5-2.5	A.229

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1854090000	WS 10/15 MC NE WS	A.394
1854490000	DEK 5/5 PLUS MC NE WS	A.6
1854490000	DEK 5/5 PLUS MC NE WS	A.7
1854490000	DEK 5/5 PLUS MC NE WS	A.10
1854490000	DEK 5/5 PLUS MC NE WS	A.11
1854490000	DEK 5/5 PLUS MC NE WS	A.12
1854490000	DEK 5/5 PLUS MC NE WS	A.13
1854490000	DEK 5/5 PLUS MC NE WS	A.14
1854490000	DEK 5/5 PLUS MC NE WS	A.15
1854490000	DEK 5/5 PLUS MC NE WS	A.16
1854490000	DEK 5/5 PLUS MC NE WS	A.18
1854490000	DEK 5/5 PLUS MC NE WS	A.20
1854490000	DEK 5/5 PLUS MC NE WS	A.21
1854490000	DEK 5/5 PLUS MC NE WS	A.22
1854490000	DEK 5/5 PLUS MC NE WS	A.27
1854490000	DEK 5/5 PLUS MC NE WS	A.28
1854490000	DEK 5/5 PLUS MC NE WS	A.33
1854490000	DEK 5/5 PLUS MC NE WS	A.34
1854490000	DEK 5/5 PLUS MC NE WS	A.35
1854490000	DEK 5/5 PLUS MC NE WS	A.36
1854490000	DEK 5/5 PLUS MC NE WS	A.37
1854490000	DEK 5/5 PLUS MC NE WS	A.46
1854490000	DEK 5/5 PLUS MC NE WS	A.47
1854490000	DEK 5/5 PLUS MC NE WS	A.48
1854490000	DEK 5/5 PLUS MC NE WS	A.49
1854490000	DEK 5/5 PLUS MC NE WS	A.50
1854490000	DEK 5/5 PLUS MC NE WS	A.51
1854490000	DEK 5/5 PLUS MC NE WS	A.52
1854490000	DEK 5/5 PLUS MC NE WS	A.53
1854490000	DEK 5/5 PLUS MC NE WS	A.56
1854490000	DEK 5/5 PLUS MC NE WS	A.57
1854490000	DEK 5/5 PLUS MC NE WS	A.58
1854490000	DEK 5/5 PLUS MC NE WS	A.61
1854490000	DEK 5/5 PLUS MC NE WS	A.62
1854490000	DEK 5/5 PLUS MC NE WS	A.63
1854490000	DEK 5/5 PLUS MC NE WS	A.65
1854490000	DEK 5/5 PLUS MC NE WS	A.66
1854490000	DEK 5/5 PLUS MC NE WS	A.67
1854490000	DEK 5/5 PLUS MC NE WS	A.68
1854490000	DEK 5/5 PLUS MC NE WS	A.71
1854490000	DEK 5/5 PLUS MC NE WS	A.72
1854490000	DEK 5/5 PLUS MC NE WS	A.73
1854490000	DEK 5/5 PLUS MC NE WS	A.74
1854490000	DEK 5/5 PLUS MC NE WS	A.81
1854490000	DEK 5/5 PLUS MC NE WS	A.82
1854490000	DEK 5/5 PLUS MC NE WS	A.83
1854490000	DEK 5/5 PLUS MC NE WS	A.84
1854490000	DEK 5/5 PLUS MC NE WS	A.85
1854490000	DEK 5/5 PLUS MC NE WS	A.86
1854490000	DEK 5/5 PLUS MC NE WS	A.88
1854490000	DEK 5/5 PLUS MC NE WS	A.95
1854490000	DEK 5/5 PLUS MC NE WS	A.96
1854490000	DEK 5/5 PLUS MC NE WS	A.97
1854490000	DEK 5/5 PLUS MC NE WS	A.98
1854490000	DEK 5/5 PLUS MC NE WS	A.99
1854490000	DEK 5/5 PLUS MC NE WS	A.106
1854490000	DEK 5/5 PLUS MC NE WS	A.108
1854490000	DEK 5/5 PLUS MC NE WS	A.114
1854490000	DEK 5/5 PLUS MC NE WS	A.115
1854490000	DEK 5/5 PLUS MC NE WS	A.116
1854490000	DEK 5/5 PLUS MC NE WS	A.117
1854490000	DEK 5/5 PLUS MC NE WS	A.124
1854490000	DEK 5/5 PLUS MC NE WS	B.54
1854490000	DEK 5/5 PLUS MC NE WS	B.96
1854490000	DEK 5/5 PLUS MC NE WS	B.110
1854490000	DEK 5/5 PLUS MC NE WS	B.111
1854490000	DEK 5/5 PLUS MC NE WS	B.112
1854490000	DEK 5/5 PLUS MC NE WS	B.113
1854490000	DEK 5/5 PLUS MC NE WS	B.114
1854490000	DEK 5/5 PLUS MC NE WS	B.115
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1854490000	DEK 5/5 PLUS MC NE WS	B.117
1854490000	DEK 5/5 PLUS MC NE WS	B.120
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1854490000	DEK 5/5 PLUS MC NE WS	B.186
1854490000	DEK 5/5 PLUS MC NE WS	B.188
1854490000	DEK 5/5 PLUS MC NE WS	B.190
1854490000	DEK 5/5 PLUS MC NE WS	B.191
1854490000	DEK 5/5 PLUS MC NE WS	B.192
1854490000	DEK 5/5 PLUS MC NE WS	B.193
1854490000	DEK 5/5 PLUS MC NE WS	B.194
1854490000	DEK 5/5 PLUS MC NE WS	B.195
1854490000	DEK 5/5 PLUS MC NE WS	B.196
1854490000	DEK 5/5 PLUS MC NE WS	B.197
1854490000	DEK 5/5 PLUS MC NE WS	B.198
1854490000	DEK 5/5 PLUS MC NE WS	B.280
1854490000	DEK 5/5 PLUS MC NE WS	B.281
1854490000	DEK 5/5 PLUS MC NE WS	B.284
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1854970000	ZTPE 4/2AN/1	A.223
1854980000	ZP 4/1AN/1 GN	A.232
1854990000	ZP 4/1AN/2	A.220
1854990000	ZP 4/1AN/2	A.232
1855000000	ZP 4/1AN/3	A.220
1855000000	ZP 4/1AN/3	A.232
1855010000	ZP 4/1AN/4	A.220
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1855020000	ZP 4/1AN/5	A.220
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1855060000	ZP 4/1AN/9	A.220
1855060000	ZP 4/1AN/9	A.232
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1855070000	ZP 4/1AN/10	A.232
1855080000	ZP 4/1AN/11	A.232
1855090000	ZP 4/1AN/12	A.232
1855100000	ZP 4/1AN/13	A.232
1855110000	ZP 4/1AN/14	A.232
1855220000	ZAP/TW ZT4/2AN	A.220
1855220000	ZAP/TW ZT4/2AN	A.223
1855230000	ZAP/TW ZT4/2AN DR	A.220
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1855250000	ZVR ZP4	A.223
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1855260000	ZZE ZP4	A.232
1855260000	ZZE ZP4	A.235
1855260000	ZZE ZP4	A.354
1855610000	WTR 2.5	A.332
1855620000	WTR 2.5 STB2.3	A.332
1856740000	DEK 5/8 MC NE WS	A.107
1856740000	DEK 5/8 MC NE WS	A.155
1856740000	DEK 5/8 MC NE WS	A.163
1856740000	DEK 5/8 MC NE WS	A.187
1856740000	DEK 5/8 MC NE WS	A.192
1856740000	DEK 5/8 MC NE WS	A.193
1856740000	DEK 5/8 MC NE WS	A.215
1856740000	DEK 5/8 MC NE WS	A.241
1856740000	DEK 5/8 MC NE WS	A.270
1856740000	DEK 5/8 MC NE WS	A.271
1856740000	DEK 5/8 MC NE WS	A.298
1856740000	DEK 5/8 MC NE WS	A.301
1856740000	DEK 5/8 MC NE WS	A.314
1856740000	DEK 5/8 MC NE WS	A.315
1856740000	DEK 5/8 MC NE WS	A.316
1856740000	DEK 5/8 MC NE WS	A.317
1856740000	DEK 5/8 MC NE WS	A.318
1856740000	DEK 5/8 MC NE WS	A.319
1856740000	DEK 5/8 MC NE WS	A.327
1856740000	DEK 5/8 MC NE WS	A.328
1856740000	DEK 5/8 MC NE WS	B.33
1856740000	DEK 5/8 MC NE WS	B.184
1856740000	DEK 5/8 MC NE WS	B.186
1856740000	DEK 5/8 MC NE WS	B.188
1856740000	DEK 5/8 MC NE WS	B.245
1856740000	DEK 5/8 MC NE WS	B.246
1856740000	DEK 5/8 MC NE WS	B.253
1856860000	KOSF ZT4	A.220
1856860000	KOSF ZT4	A.223
1856860000	KOSF ZT4	A.235
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1859200000	WEW 35/2 GR	B.44
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1859200000	WEW 35/2 GR	B.48
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1859580000	WZAD 95N/120N	A.279
1859580000	WZAD 95N/120N	B.29
1859580000	WZAD 95N/120N	B.296
1859600000	Q WDU6-2.5 SET	A.383
1859610000	Q WDU 10-4 SET	A.384
1859620000	Q WDU10-2.5 SET	A.383

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1861030000	ZAD ZT/ ZPS2.5	A.357
1861040000	ZPS 2.5/1AN/QV/1</	

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1878570000	BEST/DRBR	B.173
1878570000	BEST/DRBR	B.174
1878570000	BEST/DRBR	B.175
1878570000	BEST/DRBR	B.196
1878570000	BEST/DRBR	B.197
1878570000	BEST/DRBR	B.198
1878570000	BEST/DRBR	B.199
1878600000	ZVLA DF ZPS2.5	A.236
1878620000	ZVR ZPS2.5	A.235
1878620000	ZVR ZPS2.5	A.236
1878660000	WTA 4N WDK 2.5	A.386
1879090000	TS 35x7.5/5x18 2M/ST/SZ	C.10
1879100000	TS 35x15/5x18 2M/ST/SZ	C.11
1879350000	WTA 4N/ZA WDK 2.5	A.386
1879730000	ZSI 2.5-2/ZX2AN/G20/LD4	A.206
1879750000	ZSI 6x2 XZ.5/G20/LD4	A.209

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1880100000	ESG 6/15 K MC NE WS	A.320
1880390000	WSI 4/2/LD 140-250V AC/DC	A.313
1880410000	WSI 4/2/LD 10-36V AC/DC	A.313
1880420000	WSI 4/2/LD 60-150V AC/DC	A.313
1880430000	WSI 4/2	A.313
1880440000	WSI 4/2/LD 30-70V AC/DC	A.313
1880450000	WAP WSI4/2	A.313
1881640000	WAP WTL4/2	B.240
1881650000	WTL 4/2 STB	B.240
1886560000	WSI 4/LD 140-250V AC/DC	A.311
1886560000	WSI 4/LD 30-70V AC/DC	A.311
1886570000	WSI 4/LD 60-150V AC/DC	A.311
1886580000	WSI 4	A.311
1886590000	WSI 4/LD 10-36V AC/DC	A.311

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1893970000	FEKO ET ZRV2.5 0.5-1	A.229
1893990000	FEKO ET ZRV2.5 1.5-2.5	A.229
1895700000	ZDKPE 2.5-2/N/L/PE	C.176
1898420000	STGH 0.R/SW ZRV2.5	A.229
1898430000	STGH 0.ZA/O.R/SW ZRV2.5	A.229
1899170000	MOFU 15/35 ZPS2.5	A.237

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1905060000	WDU 4/ZZ	A.267
1905070000	WAP WDU/WTR4/ZR	A.268
1905070000	WAP WDU/WTR4/ZR	A.297
1905070000	WAP WDU/WTR4/ZR	A.339
1905080000	WTR 4/ZZ	A.339
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1905100000	WTR 4/ZZ STB	A.338
1905110000	WTR 4/ZR STB	A.339
1905120000	WPE 4/ZR	A.297
1905130000	WPE 4/ZZ	A.297
1905140000	WDU 4/ZR	A.268
1905150000	WAP WDU/WTR4/ZZ	A.267
1905150000	WAP WDU/WTR4/ZZ	A.297
1905150000	WAP WDU/WTR4/ZZ	A.338
1905310000	ZDK 2.5-2/LD 24VUC	A.246
1905950000	WS 10/8 PLUS MC NE WS	A.30
1905950000	WS 10/8 PLUS MC NE WS	A.31
1905950000	WS 10/8 PLUS MC NE WS	A.32
1905950000	WS 10/8 PLUS MC NE WS	A.33
1905950000	WS 10/8 PLUS MC NE WS	A.34
1905950000	WS 10/8 PLUS MC NE WS	A.35
1905950000	WS 10/8 PLUS MC NE WS	A.63
1905950000	WS 10/8 PLUS MC NE WS	A.64
1905950000	WS 10/8 PLUS MC NE WS	A.65
1905950000	WS 10/8 PLUS MC NE WS	A.66
1905950000	WS 10/8 PLUS MC NE WS	A.104
1905950000	WS 10/8 PLUS MC NE WS	A.393
1905950000	WS 10/8 PLUS MC NE WS	B.104
1905950000	WS 10/8 PLUS MC NE WS	B.105
1905950000	WS 10/8 PLUS MC NE WS	B.106
1905950000	WS 10/8 PLUS MC NE WS	B.107
1905950000	WS 10/8 PLUS MC NE WS	B.110
1905950000	WS 10/8 PLUS MC NE WS	B.111
1905950000	WS 10/8 PLUS MC NE WS	B.112
1905950000	WS 10/8 PLUS MC NE WS	B.116
1905950000	WS 10/8 PLUS MC NE WS	B.117
1905950000	WS 10/8 PLUS MC NE WS	B.120
1905950000	WS 10/8 PLUS MC NE WS	B.281
1905950000	WS 10/8 PLUS MC NE WS	B.287
1905970000	WS 10/12 MC NE WS	A.275
1905970000	WS 10/12 MC NE WS	B.293
1906000000	WS 12/8 PLUS MC NE WS	A.270
1906000000	WS 12/8 PLUS MC NE WS	B.245
1906000000	WS 12/8 PLUS MC NE WS	B.246
1906000000	WS 12/8 PLUS MC NE WS	B.253
1906960000	ZRV 2.5/1	A.229
1906970000	ZRV 2.5/2	A.229
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1907000000	STGH ZRV2.5	A.229

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1908960000	ZDV 2.5/20	A.252
1908990000	ZDV 6/24 GE	A.253
1909010000	ZDV 4/20 GE	A.252

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1915480000	WTA 8 KO-TN	A.387

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1924470000	ZDK 2.5/3AN PE	A.198
1924480000	ZDK 2.5/3AN V BL	A.180
1924490000	ZDK 2.5/3AN V	A.180
1924500000	ZDK 2.5/3AN BL	A.180
1924510000	ZDK 2.5/3AN	A.180
1924910000	ZAP/TW ZDK 2.5/3AN	A.180
1924910000	ZAP/TW ZDK 2.5/3AN	A.181
1924910000	ZAP/TW ZDK 2.5/3AN	A.198
1925030000	WTL 35/2STB	B.255
1925040000	WEW WTL 35	B.254
1925040000	WEW WTL 35	B.255
1925050000	WTL 35/1STB/WOV	B.255
1925060000	WTL 35/1STB	B.255
1925070000	WQS 2/16/5	B.254
1925070000	WQS 2/16/5	B.255

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1933700000	ZDU 2.5N	A.164
1933710000	ZDU 2.5N BL	A.164
1933720000	ZDU 2.5N/3AN	A.164
1933730000	ZDU 2.5N/3AN BL	A.164
1933740000	ZDU 2.5N/4AN	A.165
1933750000	ZDU 2.5N/4AN BL	A.165
1933760000	ZPE 2.5N	A.194
1933770000	ZPE 2.5N/3AN	A.194
1933780000	ZPE 2.5N/4AN	A.195
1933790000	ZAP/TW ZDU/ZPE 2.5N	A.164
1933790000	ZAP/TW ZDU/ZPE 2.5N	A.194
1933800000	ZAP/TW ZDU/ZPE 2.5N/3AN	A.164
1933800000	ZAP/TW ZDU/ZPE 2.5N/3AN	A.194
1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	A.165
1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	A.195
1934160000	ZAD 9/4	A.164
1934160000	ZAD 9/4	A.165
1934160000	ZAD 9/4	A.180
1934160000	ZAD 9/4	A.181
1934160000	ZAD 9/4	A.196
1934790000	WTQ 6/1 EN	B.246
1934800000	WTQ 6/1 EN STB	B.246
1934810000	WTL 6/1 EN	B.244
1934810000	WTL 6/1 EN	B.245
1934820000	WTL 6/1 EN STB	B.245
1934830000	WTD 6/1 EN	B.244
1934830000	WTD 6/1 EN	B.245
1936140000	WKS 2/2	B.244
1936140000	WKS 2/2	B.245
1936140000	WKS 2/2	B.246
1936140000	WKS 2/2	B.249
1936150000	WKS 2/3	B.245
1936150000	WKS 2/3	B.246
1936150000	WKS 2/3	B.249
1936150000	WKS 2/3	B.250
1936160000	WKS 2/4	B.245
1936160000	WKS 2/4	B.246
1936240000	STB 21.6/45 GE	B.244
1936240000	STB 21.6/45 GE	B.245
1936240000	STB 21.6/45 GE	B.246
1936240000	STB 21.6/45 GE	B.249
1936250000	STB 21.6/45 GN	B.244
1936250000	STB 21.6/45 GN	B.245
1936250000	STB 21.6/45 GN	B.246
1936250000	STB 21.6/45 GN	B.249
1936250000	STB 21.6/45 GN	B.250
1936260000	STB 21.6/45 VI	B.244
1936260000	STB 21.6/45 VI	B.249
1936260000	STB 21.6/45 VI	B.250
1936270000	STB 21.6/45 SW	B.244
1936270000	STB 21.6/45 SW	B.249
1936270000	STB 21.6/45 SW	B.250
1936280000	STB 21.6/45 GR	B.249
1936290000	STB 21.6/45 BL	B.245
1936290000	STB 21.6/45 BL	B.246
1936290000	STB 21.6/45 BL	B.249
1936300000	STB 21.6/45 RT	B.249
1938790000	STB 21.6/45 DB	B.249

1940000000

1943600000	BLZP 5.08HC/04/180 SN OR BX	A.360
1943600000	BLZP 5.08HC/04/180 SN OR BX	A.361
1943620000	BLZP 5.08HC/06/180 SN OR BX	A.360

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1943620000	BLZP 5.08HC/06/180 SN OR BX	A.361
1943640000	BLZP 5.08HC/08/180 SN OR BX	A.360
1943640000	BLZP 5.08HC/08/180 SN OR BX	A.361
1944110000	BLZP 5.08HC/04/180F SN OR BX	A.360
1944110000	BLZP 5.08HC/04/180F SN OR BX	A.361
1944130000	BLZP 5.08HC/06/180F SN OR BX	A.360
1944130000	BLZP 5.08HC/06/180F SN OR BX	A.361
1944150000	BLZP 5.08HC/08/180F SN OR BX	A.360
1944150000	BLZP 5.08HC/08/180F SN OR BX	A.361
1948000000	BLZP 5.08HC/02/90 SN OR BX	B.176
1948010000	BLZP 5.08HC/03/90 SN OR BX	B.176
1948020000	BLZP 5.08HC/04/90 SN OR BX	B.176
1948030000	BLZP 5.08HC/05/90 SN OR BX	B.176
1948040000	BLZP 5.08HC/06/90 SN OR BX	B.176
1948050000	BLZP 5.08HC/07/90 SN OR BX	B.176
1948060000	BLZP 5.08HC/08/90 SN OR BX	B.176
1948070000	BLZP 5.08HC/09/90 SN OR BX	B.176
1948080000	BLZP 5.08HC/10/90 SN OR BX	B.176
1948100000	BLZP 5.08HC/11/90 SN OR BX	B.176
1948110000	BLZP 5.08HC/12/90 SN OR BX	B.176
1949800000	BLZP 5.08HC/09/SN OR BX	B.177
1949810000	BLZP 5.08HC/03/90F SN OR BX	B.177
1949820000	BLZP 5.08HC/04/90F SN OR BX	B.177
1949830000	BLZP 5.08HC/05/90F SN OR BX	B.177
1949840000	BLZP 5.08HC/06/90F SN OR BX	B.177
1949850000	BLZP 5.08HC/07/90F SN OR BX	B.177
1949860000	BLZP 5.08HC/08/90F SN OR BX	B.177
1949870000	BLZP 5.08HC/09/90F SN OR BX	B.177
1949880000	BLZP 5.08HC/10/90F SN OR BX	B.177
1949890000	BLZP 5.08HC/11/90F SN OR BX	B.177
1949900000	BLZP 5.08HC/12/90F SN OR BX	B.177

1950000000

1951880000	WS 8/6 PLUS MC NE WS	A.288
1951880000	WS 8/6 PLUS MC NE WS	A.289
1951880000	WS 8/6 PLUS MC NE WS	B.185
1951880000	WS 8/6 PLUS MC NE WS	B.189
1951880000	WS 8/6 PLUS MC NE WS	B.194
1951880000	WS 8/6 PLUS MC NE WS	B.195
1957710000	WAP WTL6/1 EN	B.244
1957710000	WAP WTL6/1 EN	B.245
1957710000	WAP WTL6/1 EN	B.246

1960000000

1964820000	BFEL + BEMU WEW WTL 35	B.254
1964820000	BFEL + BEMU WEW WTL 35	B.255
1964830000	WZAD 70N	A.279
1964830000	WZAD 70N	B.28
1964830000	WZAD 70N	B.29
1964830000	WZAD 70N	B.296
1966020000	WSI 25/1 10X38	A.320
1966030000	WSI 25/3 CC	A.320
1966040000	WSI 25/2 CC	A.320
1966050000	WSI 25/1 CC	A.320
1966060000	WSI 25/1 10X38/LED 690V	A.320
1966070000	WSI 25/1 CC/LED	A.320
1966080000	WSI 25/3 10X38	A.320
1966090000	WSI 25/2 10X38	A.320
1968940000	WF 12 NFF	A.401
1968950000	WF 10 NFF	A.401
1968960000	WF 8 NFF	A.400
1968990000	WF 5 NFF	A.398
1969000000	WF 6 NFF	A.399

1970000000

1972980000	ZP 2.5/1AN ZA O.RA BL	A.234
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1980000000

1985410000	ZDV 1.5N/2	A.26
1985410000	ZDV 1.5N/2	A.27
1985410000	ZDV 1.5N/2	A.32
1985410000	ZDV 1.5N/2	A.35
1985410000	ZDV 1.5N/2	A.44
1985410000	ZDV 1.5N/2	A.45
1985410000	ZDV 1.5N/2	A.54
1985410000	ZDV 1.5N/2	A.55
1985410000	ZDV 1.5N/2	A.80
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1985410000	ZDV 1.5N/2	A.90
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2041180000	ATPG 2.5/5	B.192
2041180000	ATPG 2.5/5	B.193
2041180000	ATPG 2.5/5	B.280
2041180000	ATPG 2.5/5	B.284
2041180000	ATPG 2.5/5	B.285
2041180000	ATPG 2.5/5	B.286
2041190000	ATPG 2.5/3	A.6
2041190000	ATPG 2.5/3	A.7
2041190000	ATPG 2.5/3	A.10
2041190000	ATPG 2.5/3	A.11
2041190000	ATPG 2.5/3	A.12
2041190000	ATPG 2.5/3	A.13
2041190000	ATPG 2.5/3	A.14
2041190000	ATPG 2.5/3	A.15
2041190000	ATPG 2.5/3	A.20
2041190000	ATPG 2.5/3	A.21
2041190000	ATPG 2.5/3	A.22
2041190000	ATPG 2.5/3	A.27
2041190000	ATPG 2.5/3	A.28
2041190000	ATPG 2.5/3	A.36
2041190000	ATPG 2.5/3	A.37
2041190000	ATPG 2.5/3	A.46
2041190000	ATPG 2.5/3	A.47
2041190000	ATPG 2.5/3	A.48
2041190000	ATPG 2.5/3	A.49
2041190000	ATPG 2.5/3	A.51
2041190000	ATPG 2.5/3	A.52
2041190000	ATPG 2.5/3	A.53
2041190000	ATPG 2.5/3	A.56
2041190000	ATPG 2.5/3	A.57
2041190000	ATPG 2.5/3	A.61
2041190000	ATPG 2.5/3	A.62
2041190000	ATPG 2.5/3	A.66
2041190000	ATPG 2.5/3	A.67
2041190000	ATPG 2.5/3	A.81
2041190000	ATPG 2.5/3	A.82
2041190000	ATPG 2.5/3	A.83
2041190000	ATPG 2.5/3	A.84
2041190000	ATPG 2.5/3	A.85
2041190000	ATPG 2.5/3	A.86
2041190000	ATPG 2.5/3	A.124
2041190000	ATPG 2.5/3	A.137
2041190000	ATPG 2.5/3	B.184
2041190000	ATPG 2.5/3	B.188
2041190000	ATPG 2.5/3	B.190
2041190000	ATPG 2.5/3	B.191
2041190000	ATPG 2.5/3	B.192
2041190000	ATPG 2.5/3	B.193
2041190000	ATPG 2.5/3	B.280
2041190000	ATPG 2.5/3	B.284
2041190000	ATPG 2.5/3	B.285
2041190000	ATPG 2.5/3	B.286

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2051180000	A2C4	A.28
2051180000	A2C4	A.127
2051180000	A2C4	A.140
2051210000	A2C4 BL	A.28
2051210000	A2C4 BL	A.140
2051220000	A2C4 RD	A.140
2051230000	A2C4 OR	A.140
2051240000	A3C4	A.19
2051240000	A3C4	A.29
2051240000	A3C4	A.75
2051240000	A3C4	A.76
2051240000	A3C4	A.77
2051240000	A3C4	A.127
2051240000	A3C4	A.140
2051250000	A2C4 YL	A.140
2051260000	A2C4 GN	A.140
2051280000	A3C4 BL	A.29
2051280000	A3C4 BL	A.140
2051290000	A2C4 WT	A.140
2051300000	A3C4 RD	A.140
2051310000	A2C4 BK	A.140
2051320000	A3C4 OR	A.140
2051330000	A2C4 LTGY	A.140
2051340000	A3C4 YL	A.140
2051350000	A3C4 GN	A.140
2051360000	A2C4 PE	A.62
2051360000	A2C4 PE	A.127
2051370000	A3C4 WT	A.140
2051400000	A3C4 BK	A.140
2051410000	A3C4 PE	A.19
2051410000	A3C4 PE	A.63
2051410000	A3C4 PE	A.75
2051410000	A3C4 PE	A.76
2051410000	A3C4 PE	A.77
2051410000	A3C4 PE	A.127
2051460000	A3C4 LTGY	A.140
2051500000	A4C4	A.29
2051500000	A4C4	A.127
2051500000	A4C4	A.140
2051520000	A4C4 BL	A.29
2051520000	A4C4 BL	A.140
2051530000	A4C4 RD	A.140

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2051560000	A4C4 PE	A.63
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2051580000	A4C4 GN	A.140
2051610000	A4C4 WT	A.140
2051660000	A4C4 BK	A.140
2051670000	A4C4 LTGY	A.140
2051680000	AEP 2C4	A.28
2051680000	AEP 2C4	A.62
2051680000	AEP 2C4	A.100
2051680000	AEP 2C4	B.281
2051690000	AEP 2C4 BL	A.28
2051690000	AEP 2C4 BL	A.100
2051720000	AEP 3C4	A.29
2051720000	AEP 3C4	A.63
2051720000	AEP 3C4	A.84
2051720000	AEP 3C4	A.101
2051880000	AEP 3C4 BL	A.29
2051880000	AEP 3C4 BL	A.84
2051880000	AEP 3C4 BL	A.101
2051900000	AEP 4C4	A.29
2051900000	AEP 4C4	A.63
2051910000	AEP 4C4 BL	A.29

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2065120000	ALO 6 BL	A.32
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2108470000	ZQV 2.5N/2 RD	A.132
2108470000	ZQV 2.5N/2 RD	A.376
2108470000	ZQV 2.5N/2 RD	B.110
2108470000	ZQV 2.5N/2 RD	B.111
2108470000	ZQV 2.5N/2 RD	B.112
2108470000	ZQV 2.5N/2 RD	B.113
2108470000	ZQV 2.5N/2 RD	B.114
2108470000	ZQV 2.5N/2 RD	B.115
2108690000	ZQV 2.5N/3 RD	A.132
2108690000	ZQV 2.5N/3 RD	A.376
2108700000	ZQV 2.5N/4 RD	A.132
2108700000	ZQV 2.5N/4 RD	A.376
2108710000	ZQV 2.5N/5 RD	A.132
2108710000	ZQV 2.5N/5 RD	A.376
2108720000	ZQV 2.5N/6 RD	A.132
2108720000	ZQV 2.5N/6 RD	A.376
2108810000	ZQV 2.5N/7 RD	A.132
2108810000	ZQV 2.5N/7 RD	A.376
2108870000	ZQV 2.5N/8 RD	A.132
2108870000	ZQV 2.5N/8 RD	A.376
2108900000	ZQV 2.5N/9 RD	A.132
2108900000	ZQV 2.5N/9 RD	A.376
2108910000	ZQV 2.5N/10 RD	A.132
2108910000	ZQV 2.5N/10 RD	A.376
2108910000	ZQV 2.5N/10 RD	B.110
2108910000	ZQV 2.5N/10 RD	B.111
2108910000	ZQV 2.5N/10 RD	B.112
2108910000	ZQV 2.5N/10 RD	B.113
2108910000	ZQV 2.5N/10 RD	B.114
2108910000	ZQV 2.5N/10 RD	B.115
2108920000	ZQV 2.5N/20 RD	A.132
2108920000	ZQV 2.5N/20 RD	A.376
2109000000	ZQV 2.5N/50 RD	A.132
2109000000	ZQV 2.5N/50 RD	A.376

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2111240000	SAKOS 6/2	B.242
2111240000	SAKOS 6/2	B.243
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2123000000	AMG PP	B.127
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2260000000

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2330000000

2334730000	ADHB/8 WTL35	B.254
2334730000	ADHB/8 WTL35	B.255

2420000000

2428510000	A3T 2.5	A.56
2428520000	A3T 2.5 BL	A.56
2428530000	A3T 2.5 FT-FT-PE	A.57
2428540000	A3T 2.5 VL	A.56
2428550000	A3T 2.5 PE	A.73
2428560000	AEP 3T 2.5	A.46
2428560000	AEP 3T 2.5	A.56
2428560000	AEP 3T 2.5	A.57
2428560000	AEP 3T 2.5	A.73
2428840000	A3T 2.5 N-FT-PE	A.57

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2428860000	AEP 3T 2.5 BL	A.46
2428860000	AEP 3T 2.5 BL	A.56
2428860000	AEP 3T 2.5 BL	A.57
2428910000	AAP21 10 LD RD	B.116
2428920000	AAP21 10 FE	B.116
2428930000	AAP21 4 LI RD	B.117
2428940000	AAP21 10 LD BL	B.116
2428950000	AAP21 4 FS	B.118
2428960000	AAP21 4 LI BL	B.117
2428980000	AAP21 4 DT	B.118
2428990000	AAP22 10 LD LD	B.120
2429000000	AAP22 10 FE LO	B.120
2429010000	AAP22 4 LIFS	B.121
2429020000	AEP AP21	B.116
2429020000	AEP AP21	B.117
2429020000	AEP AP21	B.118
2429040000	AEP AP22	B.120
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2429520000	WDU 2.5 GE/SW	B.292
2429850000	ADT 4 2C	A.84
2429850000	ADT 4 2C	A.127
2429860000	AFS 4 2C BK	A.75
2429860000	AFS 4 2C BK	A.127
2429870000	AFS 4 2C 10-36V BK	A.75
2429880000	ADT 4 2C BL	A.84

2430000000

2433820000	AEP MC 2.5	A.58
2433820000	AEP MC 2.5	B.96
2434340000	AMC 2.5	A.58
2434340000	AMC 2.5	B.96
2434350000	AFS 4 2C 30-70V BK	A.75
2434370000	AMC 2.5 800V	A.58
2434370000	AMC 2.5 800V	B.96
2434380000	AFS 4 2C 60-150V BK	A.75
2434390000	AFS 4 2C 100-250V BK	A.75
2436360000	WTR 4/ZZ STB/0.TNHE	A.338
2436380000	WTR 4/0.TNHE	A.337
2436390000	WTR 4 STB/0.TNHE	A.337
2436410000	WTR 4/ZR STB/0.TNHE	A.339
2436420000	WTR 4/ZZ/0.TNHE	A.338

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2445070000	WAD 12 MC NE WS	A.274
2445070000	WAD 12 MC NE WS	A.275
2445070000	WAD 12 MC NE WS	A.276
2445070000	WAD 12 MC NE WS	A.277
2445070000	WAD 12 MC NE WS	B.26
2445070000	WAD 12 MC NE WS	B.27
2445070000	WAD 12 MC NE WS	B.293
2445070000	WAD 12 MC NE WS	B.294
2445090000	WAD 12 MC B GE/SW	A.274
2445090000	WAD 12 MC B GE/SW	A.275
2445090000	WAD 12 MC B GE/SW	A.276
2445090000	WAD 12 MC B GE/SW	A.277
2445090000	WAD 12 MC B GE/SW	B.26
2445090000	WAD 12 MC B GE/SW	B.27
2445090000	WAD 12 MC B GE/SW	B.293
2445090000	WAD 12 MC B GE/SW	B.294
2448860000	DEKA 5/8 MM WS	A.30
2448860000	DEKA 5/8 MM WS	A.31
2448860000	DEKA 5/8 MM WS	A.32
2448860000	DEKA 5/8 MM WS	A.63
2448860000	DEKA 5/8 MM WS	A.64
2448860000	DEKA 5/8 MM WS	A.104
2448860000	DEKA 5/8 MM WS	B.104
2448860000	DEKA 5/8 MM WS	B.105
2448860000	DEKA 5/8 MM WS	B.106
2448860000	DEKA 5/8 MM WS	B.107
2448860000	DEKA 5/8 MM WS	B.109
2448860000	DEKA 5/8 MM WS	B.117
2448860000	DEKA 5/8 MM WS	B.121
2448860000	DEKA 5/8 MM WS	B.223
2448860000	DEKA 5/8 MM WS	B.281
2448860000	DEKA 5/8 MM WS	B.287
2448930000	WS-A 8/8 MM WS	A.30
2448930000	WS-A 8/8 MM WS	A.31
2448930000	WS-A 8/8 MM WS	A.32
2448930000	WS-A 8/8 MM WS	A.63
2448930000	WS-A 8/8 MM WS	A.64
2448930000	WS-A 8/8 MM WS	A.104
2448930000	WS-A 8/8 MM WS	B.104
2448930000	WS-A 8/8 MM WS	B.105
2448930000	WS-A 8/8 MM WS	B.106
2448930000	WS-A 8/8 MM WS	B.107
2448930000	WS-A 8/8 MM WS	B.108
2448930000	WS-A 8/8 MM WS	B.109
2448930000	WS-A 8/8 MM WS	B.281
2448930000	WS-A 8/8 MM WS	B.287
2449880000	ZP 4/1AN ZA O.RA.BL	A.234

2450000000

2456000000	WDTR 2.5	A.344
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2456020000	WDTR 2.5 WE	A.344
2456030000	WDTR 2.5 O.STB	A.344

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2457570000	APGLE 2.5/4	A.353
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2457580000	APGSR 2.5/4	A.106
2457580000	APGSR 2.5/4	A.107
2457580000	APGSR 2.5/4	A.108
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2469420000	AEP 2T 1.5	A.70
2469420000	AEP 2T 1.5	A.93
2469420000	AEP 2T 1.5	A.94
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2471430000	A2T 1.5 BL	A.44
2471450000	A2T 1.5 VL BL	A.44
2471470000	AEP 2T 1.5 BL	A.44
2471470000	AEP 2T 1.5 BL	A.45
2471470000	AEP 2T 1.5 BL	A.93
2471470000	AEP 2T 1.5 BL	A.94
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2475310000	AEB 35 SC/1 BK	B.40
2475310000	AEB 35 SC/1 BK	B.41
2475310000	AEB 35 SC/1 BK	B.44
2475310000	AEB 35 SC/1 BK	B.45
2475310000	AEB 35 SC/1 BK	B.48
2475310000	AEB 35 SC/1 BK	B.50
2475310000	AEB 35 SC/1 BK	C.12

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2482160000	APGTB 1.5 FT 2C/1	A.90
2482160000	APGTB 1.5 FT 2C/1	A.127
2482170000	APGTB 1.5 FT 2C/1 BL	A.90
2482180000	APGTB 1.5 FT 3C/1	A.91
2482180000	APGTB 1.5 FT 3C/1	A.127
2482190000	APGTB 1.5 FT 3C/1 BL	A.91
2482200000	APGTB 1.5 FT 4C/2	A.91
2482200000	APGTB 1.5 FT 4C/2	A.127
2482210000	APGTB 1.5 FT 4C/2 BL	A.91
2482220000	APGTB 1.5 PE 2C/1	A.90
2482220000	APGTB 1.5 PE 2C/1	A.127
2482230000	APGTB 1.5 PE 3C/1	A.91
2482230000	APGTB 1.5 PE 3C/1	A.127
2482240000	APGTB 1.5 PE 4C/2	A.91
2482240000	APGTB 1.5 PE 4C/2	A.127
2482250000	APG 1.5 L	A.90
2482250000	APG 1.5 L	A.91
2482250000	APG 1.5 L	A.92
2482250000	APG 1.5 L	A.93
2482250000	APG 1.5 L	A.94
2482250000	APG 1.5 L	A.110
2482260000	APG 1.5 L BL	A.110
2482270000	APG 1.5 L GN	A.110
2482280000	APG 1.5 MI	A.90
2482280000	APG 1.5 MI	A.91
2482280000	APG 1.5 MI	A.92
2482280000	APG 1.5 MI	A.93
2482280000	APG 1.5 MI	A.94
2482280000	APG 1.5 MI	A.110
2482280000	APG 1.5 MI	A.110
2482290000	APG 1.5 MI BL	A.110
2482300000	APG 1.5 MI GN	A.110
2482310000	APG 1.5 R	A.90
2482310000	APG 1.5 R	A.91
2482310000	APG 1.5 R	A.92
2482310000	APG 1.5 R	A.93
2482310000	APG 1.5 R	A.94
2482310000	APG 1.5 R	A.110
2482320000	APG 1.5 R BL	A.110
2482330000	APG 1.5 R GN	A.110
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2482340000	APG 1.5/1	A.91
2482340000	APG 1.5/1	A.92
2482340000	APG 1.5/1	A.93
2482340000	APG 1.5/1	A.94
2482340000	APG 1.5/1	A.106
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2482400000	APG 1.5/7	A.106
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2482430000	APG 1.5/10	A.106
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2482450000	APG 1.5/4-3BG-GN	A.108
2482460000	APG 1.5/3-BG-BL-GN	A.106
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2482520000	AEP PGTB 1.5 4C/2 BL	A.91
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2502320000	ALD 16 BL	A.35
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2502660000	WPD 131 1X95/1X95 BL	B.44
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2635600000	AAM 35-185 YE FLASH	B.24
2635600000	AAM 35-185 YE FLASH	B.288
2635600000	AAM 35-185 YE FLASH	B.289
2635600000	AAM 35-185 YE FLASH	B.290
2635600000	AAM 35-185 YE FLASH	B.291

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2652200000	A2T 1.5 KNX RD-BK	B.213
2652210000	A2T 1.5 KNX WT-YL	B.213

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2661280000	AEB 35 SCL/1 VO	A.6
2661280000	AEB 35 SCL/1 VO	A.7
2661280000	AEB 35 SCL/1 VO	A.8
2661280000	AEB 35 SCL/1 VO	A.9
2661280000	AEB 35 SCL/1 VO	A.10
2661280000	AEB 35 SCL/1 VO	A.11
2661280000	AEB 35 SCL/1 VO	A.12
2661280000	AEB 35 SCL/1 VO	A.13
2661280000	AEB 35 SCL/1 VO	A.14
2661280000	AEB 35 SCL/1 VO	A.15
2661280000	AEB 35 SCL/1 VO	A.16
2661280000	AEB 35 SCL/1 VO	A.17
2661280000	AEB 35 SCL/1 VO	A.18
2661280000	AEB 35 SCL/1 VO	A.20
2661280000	AEB 35 SCL/1 VO	A.21
2661280000	AEB 35 SCL/1 VO	A.22
2661280000	AEB 35 SCL/1 VO	A.23
2661280000	AEB 35 SCL/1 VO	A.26
2661280000	AEB 35 SCL/1 VO	A.27
2661280000	AEB 35 SCL/1 VO	A.28
2661280000	AEB 35 SCL/1 VO	A.29
2661280000	AEB 35 SCL/1 VO	A.30
2661280000	AEB 35 SCL/1 VO	A.31
2661280000	AEB 35 SCL/1 VO	A.32

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2661280000	AEB 35 SCL/1 VO	B.287	2668770000	AITB 16 BB NDT BL	B.189	2710170000	EP TTb 6	B.218	2710170000	EP TTb 6	B.219
2661280000	AEB 35 SCL/1 VO	B.288	2668780000	AEP ITB 2.5 BB 2C	B.184	2710170000	EP TTb 6	B.220	2710170000	EP TTb 6	B.221
2661280000	AEB 35 SCL/1 VO	B.289	2668780000	AEP ITB 2.5 BB 2C	B.186	2710170000	EP TTb 6	B.222	2710170000	EP TTb 6	B.223
2661280000	AEB 35 SCL/1 VO	B.290	2668790000	AEP ITB 2.5 BB 2C BL	B.184	2710190000	SCCB TTb 6/2	B.218	2710190000	SCCB TTb 6/2	B.219
2661280000	AEB 35 SCL/1 VO	B.291	2668800000	AEP ITB 2.5 BB NDT BL	B.188	2710190000	SCCB TTb 6/2	B.220	2710190000	SCCB TTb 6/2	B.221
2661280000	AEB 35 SCL/1 VO	C.12	2668810000	AEP ITB 6 BB 2C	B.184	2710190000	SCCB TTb 6/2	B.222	2710190000	SCCB TTb 6/2	B.223
2661290000	AEB 35 SCL/1 VO GY	A.139	2668810000	AEP ITB 6 BB 2C	B.186	2710190000	SCCB TTb 6/2	B.226	2710190000	SCCB TTb 6/2	B.227
2661290000	AEB 35 SCL/1 VO GY	C.12	2668820000	AEP ITB 6 BB 2C BL	B.184	2710190000	SCCB TTb 6/2	B.228	2710190000	SCCB TTb 6/2	B.229
2661300000	AEB 35 SCL/1 VO BK	A.139	2668830000	AEP ITB 6 BB NDT BL	B.188	2710200000	SCCB TTb 6/3	B.218	2710200000	SCCB TTb 6/3	B.219
2661300000	AEB 35 SCL/1 VO BK	C.12	2668840000	AEP ITB 16 BB 2C	B.185	2710200000	SCCB TTb 6/3	B.220	2710200000	SCCB TTb 6/3	B.221
2663250000	A2C 50/70	A.41	2668840000	AEP ITB 16 BB 2C	B.187	2710200000	SCCB TTb 6/3	B.222	2710200000	SCCB TTb 6/3	B.223
2663250000	A2C 50/70	B.16	2668850000	AEP ITB 16 BB 2C BL	B.185	2710200000	SCCB TTb 6/3	B.226	2710200000	SCCB TTb 6/3	B.227
2663260000	A2C 50/70 BL	A.41	2668860000	AEP ITB 16 BB NDT BL	B.189	2710200000	SCCB TTb 6/3	B.228	2710200000	SCCB TTb 6/3	B.229
2663260000	A2C 50/70 BL	B.16	2668870000	APP ITB 2.5 BB 2C/NDT BL	B.184	2710210000	SCCB TTb 6/4	B.218	2710210000	SCCB TTb 6/4	B.219
2663270000	A2C 50/70 FE	B.16	2668870000	APP ITB 2.5 BB 2C/NDT BL	B.186	2710210000	SCCB TTb 6/4	B.220	2710210000	SCCB TTb 6/4	B.221
2663270000	A2C 50/70 FE	B.289	2668880000	APP ITB 2.5 BB 2C/NDT BL	B.188	2710210000	SCCB TTb 6/4	B.222	2710210000	SCCB TTb 6/4	B.223
2663280000	A2C 50/70 PE	A.69	2668880000	APP ITB 6 BB 2C/NDT BL	B.184	2710210000	SCCB TTb 6/4	B.226	2710210000	SCCB TTb 6/4	B.227
2663280000	A2C 50/70 PE	B.17	2668890000	APP ITB 6 BB 2C/NDT BL	B.186	2710210000	SCCB TTb 6/4	B.228	2710210000	SCCB TTb 6/4	B.229
2663290000	A2C 50/70 3FT-NFE	B.22	2668890000	APP ITB 6 BB 2C/NDT BL	B.188	2710220000	SL TTb 6	B.218	2710220000	SL TTb 6	B.219
2663300000	A2C 50/70 3FT-N	B.22	2668890000	APP ITB 16 BB 2C/NDT BL	B.185	2710220000	SL TTb 6	B.220	2710220000	SL TTb 6	B.221
2663300000	A2C 50/70 3FT-N	B.22	2668890000	APP ITB 16 BB 2C/NDT BL	B.187	2710220000	SL TTb 6	B.222	2710220000	SL TTb 6	B.223
2663320000	A2C 50/70 3FT	B.22	2668900000	AEP ITB 2.5 BB LL	B.189	2710220000	SL TTb 6	B.226	2710220000	SL TTb 6	B.227
2663330000	A2C 50/70 DM	A.41	2668900000	AEP ITB 2.5 BB LL	B.191	2710220000	SL TTb 6	B.228	2710220000	SL TTb 6	B.229
2663330000	A2C 50/70 DM	B.17	2668910000	AITB 2.5 BB N-L	B.190	2710230000	LL TTb 6/1	B.218	2710230000	LL TTb 6/1	B.219
2663340000	A2C 50/70 BL-DM	A.41	2668910000	AITB 2.5 BB LL	B.192	2710230000	LL TTb 6/1	B.220	2710230000	LL TTb 6/1	B.221
2663340000	A2C 50/70 BL-DM	B.17	2668920000	AITB 2.5 BB LL-PE	B.190	2710230000	LL TTb 6/1	B.222	2710230000	LL TTb 6/1	B.223
2663350000	A2C 50/70 FEDM	B.17	2668930000	AITB 2.5 BB N-L-PE	B.192	2710230000	LL TTb 6/1	B.226	2710230000	LL TTb 6/1	B.227
2663350000	A2C 50/70 FEDM	B.289	2668940000	AITB 2.5 BB NDT-L-PE	B.190	2710230000	LL TTb 6/1	B.228	2710230000	LL TTb 6/1	B.229
2663360000	A2C 50/70 3FT-N-FE-DM	B.23	2668950000	AEP ITB 2.5 BB	B.190	2710230000	LL TTb 6/2	B.218	2710230000	LL TTb 6/2	B.219
2663370000	A2C 50/70 3FT-N-DM	B.23	2668960000	AEP ITB 2.5 BB	B.192	2710230000	LL TTb 6/2	B.220	2710230000	LL TTb 6/2	B.221
2663380000	A2C 50/70 3FT-FE-DM	B.23	2668970000	APP ITB 2.5 BB BL	B.191	2710230000	LL TTb 6/2	B.222	2710230000	LL TTb 6/2	B.223
2663390000	A2C 50/70 3FT-DM	B.23	2668980000	APP ITB 2.5 BB BL	B.192	2710230000	LL TTb 6/2	B.226	2710230000	LL TTb 6/2	B.227
2663400000	Z0V 50/70N/2	A.41	2668990000	APP ITB 2.5 BB BL	B.194	2710230000	LL TTb 6/2	B.228	2710230000	LL TTb 6/2	B.229
2663400000	Z0V 50/70N/2	A.134	2669000000	AITB 2.5 LL	B.199	2710240000	TS TTb 6 GN	B.219	2710240000	TS TTb 6 GN	B.220
2663400000	Z0V 50/70N/2	B.16	2669010000	AITB 2.5 LL-PE	B.198	2710240000	TS TTb 6 GN	B.221	2710240000	TS TTb 6 GN	B.222
2663400000	Z0V 50/70N/2	B.17	2669020000	AITB 2.5 LL-PE	B.198	2710240000	TS TTb 6 GN	B.223	2710240000	TS TTb 6 GN	B.224
2663400000	Z0V 50/70N/2	B.24	2669030000	AITB 2.5 NDT-PE	B.197	2710240000	TS TTb 6 GN	B.226	2710240000	TS TTb 6 GN	B.227
2663400000	Z0V 50/70N/2	B.289	2669040000	AITB 2.5 LDT-L-PE	B.196	2710240000	TS TTb 6 GN	B.228	2710240000	TS TTb 6 GN	B.229
2663420000	AAC 50-185 2X10	A.41	2669050000	AITB 2.5 LDT-L-PE W/O DTLV	B.197	2710240000	TS TTb 6 GN	B.230	2710240000	TS TTb 6 GN	B.231
2663420000	AAC 50-185 2X10	A.42	2669060000	AEP ITB 2.5	B.196	2710240000	TS TTb 6 GN	B.232	2710240000	TS TTb 6 GN	B.233
2663420000	AAC 50-185 2X10	A.43	2669070000	AEP ITB 2.5	B.197	2710240000	TS TTb 6 GN	B.236	2710240000	TS TTb 6 GN	B.237
2663420000	AAC 50-185 2X10	B.16	2669080000	AEP ITB 2.5	B.198	2710240000	TS TTb 6 GN	B.238	2710240000	TS TTb 6 GN	B.239
2663420000	AAC 50-185 2X10	B.17	2669090000	AEP ITB 2.5	B.199	2710240000	TS TTb 6 GN	B.242	2710240000	TS TTb 6 GN	B.243
2663420000	AAC 50-185 2X10	B.18	2669100000	AEP ITB 2.5	B.199	2710240000	TS TTb 6 GN	B.246	2710240000	TS TTb 6 GN	B.247
2663420000	AAC 50-185 2X10	B.19	2669110000	AEP ITB 2.5	B.198	2710240000	TS TTb 6 GN	B.248	2710240000	TS TTb 6 GN	B.249
2663420000	AAC 50-185 2X10	B.20	2669120000	APP ITB 4 BB BL	B.194	2710240000	TS TTb 6 GN	B.252	2710240000	TS TTb 6 GN	B.253
2663420000	AAC 50-185 2X10	B.21	2669130000	APP ITB 4 BB BL	B.195	2710240000	TS TTb 6 GN	B.256	2710240000	TS TTb 6 GN	B.257
2663420000	AAC 50-185 2X10	B.22	2669140000	APP ITB 4 BB BL	B.195	2710240000	TS TTb 6 GN	B.258	2710240000	TS TTb 6 GN	B.259
2663420000	AAC 50-185 2X10	B.23	2669150000	APP ITB 4 BB BL	B.196	2710240000	TS TTb 6 GN	B.262	2710240000	TS TTb 6 GN	B.263
2663420000	AAC 50-185 2X10	B.24	2669160000	APP ITB 4 BB BL	B.196	2710240000	TS TTb 6 GN	B.266	2710240000	TS TTb 6 GN	B.267
2663430000	AAC 50-185 2X10 BL	A.41	2669170000	APP ITB 4 BB BL	B.195	2710240000	TS TTb 6 GN	B.268	2710240000	TS TTb 6 GN	B.269
2663430000	AAC 50-185 2X10 BL	A.42	2669180000	APP ITB 4 BB BL	B.196	2710240000	TS TTb 6 GN	B.272	2710240000	TS TTb 6 GN	B.273
2663430000	AAC 50-185 2X10 BL	A.43	2669190000	APP ITB 4 BB BL	B.197	2710240000	TS TTb 6 GN	B.276	2710240000	TS TTb 6 GN	B.277
2663430000	AAC 50-185 2X10 BL	B.16	2669200000	APP ITB 4 BB BL	B.195	2710240000	TS TTb 6 GN	B.278	2710240000	TS TTb 6 GN	B.279
2663430000	AAC 50-185 2X10 BL	B.17	2669210000	APP ITB 4 BB BL	B.196	2710240000	TS TTb 6 GN	B.282	2710240000	TS TTb 6 GN	B.283
2663430000	AAC 50-185 2X10 BL	B.18	2669220000	APP ITB 4 BB BL	B.197	2710240000	TS TTb 6 GN	B.286	2710240000	TS TTb 6 GN	B.287
2663430000	AAC 50-185 2X10 BL	B.19	2669230000	APP ITB 4 BB BL	B.196	2710240000	TS TTb 6 GN	B.288	2710240000	TS TTb 6 GN	B.289
2663430000	AAC 50-185 2X10 BL	B.20	2669240000	APP ITB 4 BB BL	B.197	2710240000	TS TTb 6 GN	B.292	2710240000	TS TTb 6 GN	B.293
2663430000	AAC 50-185 2X10 BL	B.21	2669250000	APP ITB 4 BB BL	B.198	2710240000	TS TTb 6 GN	B.296	2710240000	TS TTb 6 GN	B.297
2663430000	AAC 50-185 2X10 BL	B.22	2669260000	APP ITB 4 BB BL	B.189	2710240000	TS TTb 6 GN	B.298	2710240000	TS TTb 6 GN	B.299
2663430000	AAC 50-185 2X10 BL	B.23	2669270000	APP ITB 4 BB BL	B.188	2710240000	TS TTb 6 GN	B.302	2710240000	TS TTb 6 GN	B.303
2663430000	AAC 50-185 2X10 BL	B.24	2669280000	APP ITB 4 BB BL	B.189	2710240000	TS TTb 6 GN	B.306	2710240000	TS TTb 6 GN	B.307
2663440000	AAC 50-185 2X10 GN-YL	A.41	2669290000	APP ITB 4 BB BL	B.190	2710240000	TS TTb 6 GN	B.310	2710240000	TS TTb 6 GN	B.311
2663440000	AAC 50-185 2X10 GN-YL	A.42	2669300000	APP ITB 4 BB BL	B.191	2710240000	TS TTb 6 GN	B.314	2710240000	TS TTb 6 GN	B.315
2663440000	AAC 50-185 2X10 GN-YL	A.43	2669310000	APP ITB 4 BB BL	B.192	2710240000	TS TTb 6 GN	B.318	2710240000	TS TTb 6 GN	B.319
2663440000	AAC 50-185 2X10 GN-YL	A.69	2669320000	APP ITB 4 BB BL	B.193	2710240000	TS TTb 6 GN	B.322	2710240000	TS TTb 6 GN	B.323
2663440000	AAC 50-185 2X10 GN-YL	A.70	2669330000	APP ITB 4 BB BL	B.194	2710240000	TS TTb 6 GN	B.326	2710240000	TS TTb 6 GN	B.327
2663440000	AAC 50-185 2X10 GN-YL	B.16	2669340000	APP ITB 4 BB BL	B.195	2710240000	TS TTb 6 GN	B.328	2710240000	TS TTb 6 GN	B.329
2663440000	AAC 50-185 2X10 GN-YL	B.17	2669350000	APP ITB 4 BB BL	B.196	2710240000	TS TTb 6 GN	B.332	2710240000	TS TTb 6 GN	B.333
2663440000	AAC 50-185 2X10 GN-YL	B.18	2669360000	APP ITB 4 BB BL	B.197	2710240000	TS TTb 6 GN	B.336	2710240000	TS TTb 6 GN	B.337
2663440000	AAC 50-185 2X10 GN-YL	B.19	2669370000	APP ITB 4 BB BL	B.198	2710240000	TS TTb 6 GN	B.340	2710240000	TS TTb 6 GN	B.341
2663440000	AAC 50-185 2X10 GN-YL	B.20	2669380000	APP ITB 4 BB BL	B.199	2710240000	TS TTb 6 GN	B.344	2710240000	TS TTb 6 GN	B.345
2663440000	AAC 50-185 2X10 GN-YL	B.21	2669390000	APP ITB 4 BB BL	B.188	2710240000	TS TTb 6 GN	B.348	2710240000	TS TTb 6 GN	B.349
2663440000	AAC 50-185 2X10 GN-YL	B.22	2669400000	APP ITB 4 BB BL	B.189	2710240000	TS TTb 6 GN	B.352	2710240000	TS TTb 6 GN	B.353
2663440000	AAC 50-185 2X10 GN-YL	B.23	2669410000	APP ITB 4 BB BL	B.190	2710240000	TS TTb 6 GN	B.356	2710240000	TS TTb 6 GN	B.357
2663440000	AAC 50-185 2X10 GN-YL	B.24	2669420000	APP ITB 4 BB BL	B.191	2710240000	TS TTb 6 GN	B.360	2710240000	TS TTb 6 GN	B.361
2668860000	AITB 2.5 BB 2C	B.184	2669430000	APP ITB 4 BB BL	B.192	2710240000	TS TTb 6 GN	B.364	2710240000	TS TTb 6 GN	B.365
26688670000	AITB 2.5 BB 2C BL	B.184	2669440000	APP ITB 4 BB BL	B.193	2710240000	TS TTb 6 GN	B.368	2710240000	TS TTb 6 GN	B.369
2668880000	AITB 2.5 BB 2C PE	B.186	2669450000	APP ITB 4 BB BL	B.194	2710240000	TS TTb 6 GN	B.372	2710240000	TS TTb 6 GN	B.373
2668880000	AITB 2.5 BB 2C PE	B.188	2669460000	APP ITB 4 BB BL	B.195	2710240000	TS TTb 6 GN	B.376	2710240000	TS TTb 6 GN	

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2710490000	TS TTB 6 GN	B.223
2710490000	TS TTB 6 GN	B.228
2710500000	TS TTB 6 VL	B.219
2710500000	TS TTB 6 VL	B.221
2710500000	TS TTB 6 VL	B.223
2710500000	TS TTB 6 VL	B.228
2710520000	TS TTB 6 BK	B.219
2710520000	TS TTB 6 BK	B.221
2710520000	TS TTB 6 BK	B.223
2710530000	TS TTB 6 VT	B.219
2710530000	TS TTB 6 VT	B.221
2710530000	TS TTB 6 VT	B.223
2710530000	TS TTB 6 VT	B.228
2712740000	APG 2.5/3-2BG-GN	A.108
2712760000	APG 2.5/5-4BG-GN	A.108
2712770000	APG 2.5/6-5BG-GN	A.108
2712780000	APG 2.5/7-6BG-GN	A.108
2712790000	APG 2.5/8-7BG-GN	A.108
2712810000	APG 2.5/10-9BG-GN	A.108
2712960000	AAP11 6/6X1.5 LD-LI WT	B.105
2712970000	AAP12 10/4X2.5 LD-LI WT	B.111
2716000000	TS 35X7.5 2M/CN/316L	C.10
2718300000	AAP11 6 LD/GN/OR	B.104
2719740000	APG 1.5/3-2BG-GN	A.108
2719770000	APG 1.5/5-4BG-GN	A.108
2719780000	APG 1.5/6-5BG-GN	A.108
2719800000	APG 1.5/7-6BG-GN	A.108
2719810000	APG 1.5/8-7BG-GN	A.108
2719830000	APG 1.5/10-9BG-GN	A.108

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2723370000	AZT 2.5 N-FT	A.47
2724450000	AZT 4 N-FT	A.51
2725260000	WPD 104 1X25+1X16/2X16+3X10 RD	B.70
2725270000	WPD 109 1X185/2X35+3X25+4X16 RD	B.84
2725280000	WPD 108 1X120/2X35+3X25+4X16 RD	B.82
2725290000	WPD 204 2X25/4X16+6X10 2XRD	B.70
2725300000	WPD 304 3X25/6X16+9X10 3XRD	B.71
2725310000	WPD 105 1X35+1X16/2X16+3X10 RD	B.74
2725320000	WPD 205 2X35/4X25+6X16 2XRD	B.75
2725330000	WPD 305 3X35/6X25+9X16 3XRD	B.74
2725340000	WPD 106 1X70/2X25+3X16 RD	B.78
2725350000	WPD 107 1X95/2X35+8X25 RD	B.80
2725360000	WPD 104 1X25+1X16/2X16+3X10 BK	B.70
2725370000	WPD 109 1X185/2X35+3X25+4X16 BK	B.84
2725380000	WPD 108 1X120/2X35+3X25+4X16 BK	B.82
2725390000	WPD 204 2X25/4X16+6X10 2XBK	B.71
2725400000	WPD 304 3X25/6X16+9X10 3XBK	B.70
2725410000	WPD 105 1X35+1X16/2X25+3X16 BK	B.74
2725420000	WPD 205 2X35/4X25+6X16 2XBK	B.75
2725430000	WPD 305 3X35/6X25+9X16 3XBK	B.74
2725440000	WPD 106 1X70/2X25+3X16 BK	B.78
2725450000	WPD 107 1X95/2X35+8X25 BK	B.80
2726100000	LL TTB 6/3 CM	B.218
2726100000	LL TTB 6/3 CM	B.220
2726100000	LL TTB 6/3 CM	B.222
2726100000	LL TTB 6/3 CM	B.226
2726100000	LL TTB 6/3 CM	B.228
2726100000	LL TTB 6/4 CM	B.218
2726100000	LL TTB 6/4 CM	B.220
2726100000	LL TTB 6/4 CM	B.222
2726100000	LL TTB 6/4 CM	B.226
2726100000	LL TTB 6/4 CM	B.228
2728630000	AWPD 35 4X10	B.54
2728700000	A2C 150/185	A.42
2728700000	A2C 150/185	B.20
2728710000	A2C 150/185 BL	A.42
2728710000	A2C 150/185 BL	B.20
2728720000	A2C 150/185 FE	B.20
2728720000	A2C 150/185 FE	B.291
2728770000	A2C 150/185-DM	A.43
2728770000	A2C 150/185-DM	B.21
2728780000	A2C 150/185 BL-DM	A.43
2728780000	A2C 150/185 BL-DM	B.21
2728790000	A2C 150/185 FE-DM	B.21
2728840000	ZQV 150/185N/2	A.42
2728840000	ZQV 150/185N/2	A.43
2728840000	ZQV 150/185N/2	A.134
2728840000	ZQV 150/185N/2	B.20
2728840000	ZQV 150/185N/2	B.21
2728840000	ZQV 150/185N/2	B.24
2728840000	ZQV 150/185N/2	B.291
2728850000	ZQV 150/185N/3	A.42
2728850000	ZQV 150/185N/3	A.43
2728850000	ZQV 150/185N/3	A.134
2728850000	ZQV 150/185N/3	B.20
2728850000	ZQV 150/185N/3	B.21
2728850000	ZQV 150/185N/3	B.24
2728850000	ZQV 150/185N/3	B.291

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2730310000	WPD 111 1X95/4X35 RD	B.86
2730320000	WPD 111 1X95/4X35 BK	B.86
2730350000	WPD 113 1X185+1X150/8X35 RD	B.88
2730360000	WPD 113 1X185+1X150/8X35 BK	B.88
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2731260000	WPD 201 4X25/4X16 BK	B.62
2731380000	TS 35X7.5/1.0 2M/CU/BK	C.10
2732600000	WDK 2.5V ZQV OR	A.285
2733950000	ZQV 6N/6	A.133
2733950000	ZQV 6N/6	B.218
2733950000	ZQV 6N/6	B.219
2733950000	ZQV 6N/6	B.220
2733950000	ZQV 6N/6	B.221
2733950000	ZQV 6N/6	B.222
2733950000	ZQV 6N/6	B.223
2733950000	ZQV 6N/6	B.226
2733950000	ZQV 6N/6	B.228
2733950000	ZQV 6N/6	B.229
2733960000	ZQV 6N/7	A.133
2733960000	ZQV 6N/7	B.218
2733960000	ZQV 6N/7	B.219
2733960000	ZQV 6N/7	B.220
2733960000	ZQV 6N/7	B.222
2733960000	ZQV 6N/7	B.226
2733960000	ZQV 6N/7	B.227
2733960000	ZQV 6N/7	B.229
2733970000	ZQV 6N/10	A.133
2733970000	ZQV 6N/10	B.218
2733970000	ZQV 6N/10	B.219
2733970000	ZQV 6N/10	B.220
2733970000	ZQV 6N/10	B.221
2733970000	ZQV 6N/10	B.222
2733970000	ZQV 6N/10	B.223
2733970000	ZQV 6N/10	B.226
2733970000	ZQV 6N/10	B.227
2733970000	ZQV 6N/10	B.229
2734150000	A2C 4 FE WT	B.279
2734150000	A2C 4 FE WT	B.281
2734160000	A2C 6 FE WT	B.279
2734170000	A2C 10 FE WT	B.279
2734170000	A2C 10 FE WT	B.281
2736830000	AZT 2.5 3C N-FT	A.49
2738140000	ZDK 2.5/D/9	A.245
2738690000	RAILASSEMBLER	A.121
2739600000	WDK 2.5V ZQV	A.285
2739610000	WDK 2.5V ZQV BL	A.285

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2744110000	AZT 2.5 DT/DT	A.88
2744120000	AZT 2.5 DT/DT BL	A.88
2744130000	AZT 2.5 DT/FT	A.88
2744140000	AZT 2.5 DT/FT BL	A.88
2744150000	AEP DT 2.5 2T	A.88
2744160000	AEP DT 2.5 2T BL	A.88
2749140000	SDIL 0.6X3,5X100	A.6
2749140000	SDIL 0.6X3,5X100	A.7
2749140000	SDIL 0.6X3,5X100	A.8
2749140000	SDIL 0.6X3,5X100	A.9
2749140000	SDIL 0.6X3,5X100	A.10
2749140000	SDIL 0.6X3,5X100	A.11
2749140000	SDIL 0.6X3,5X100	A.12
2749140000	SDIL 0.6X3,5X100	A.13
2749140000	SDIL 0.6X3,5X100	A.14
2749140000	SDIL 0.6X3,5X100	A.15
2749140000	SDIL 0.6X3,5X100	A.16
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2749140000	SDIL 0.6X3,5X100	A.48
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2749140000	SDIL 0.6X3,5X100	A.56
2749140000	SDIL 0.6X3,5X100	A.57
2749140000	SDIL 0.6X3,5X100	A.58
2749140000	SDIL 0.6X3,5X100	A.61
2749140000	SDIL 0.6X3,5X100	A.62
2749140000	SDIL 0.6X3,5X100	A.63
2749140000	SDIL 0.6X3,5X100	A.66
2749140000	SDIL 0.6X3,5X100	A.67
2749140000	SDIL 0.6X3,5X100	A.68
2749140000	SDIL 0.6X3,5X100	A.71
2749140000	SDIL 0.6X3,5X100	A.72

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2749140000	SDIL 0.6X3,5X100	A.73
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2749140000	SDIL 0.6X3,5X100	A.76
2749140000	SDIL 0.6X3,5X100	A.77
2749140000	SDIL 0.6X3,5X100	A.78
2749140000	SDIL 0.6X3,5X100	A.79
2749140000	SDIL 0.6X3,5X100	A.81
2749140000	SDIL 0.6X3,5X100	A.82
2749140000	SDIL 0.6X3,5X100	A.83
2749140000	SDIL 0.6X3,5X100	A.84
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2749140000	SDIL 0.6X3,5X100	A.117
2749140000	SDIL 0.6X3,5X100	A.124
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2749140000	SDIL 0.6X3,5X100	B.111
2749140000	SDIL 0.6X3,5X100	B.113
2749140000	SDIL 0.6X3,5X100	B.116
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2749140000	SDIL 0.6X3,5X100	B.118
2749140000	SDIL 0.6X3,5X100	B.121
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2749140000	SDIL 0.6X3,5X100	B.188
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2749140000	SDIL 0.6X3,5X100	B.286
2749160000	SDIL 1,0X5,5X125	A.30
2749160000	SDIL 1,0X5,5X125	A.31
2749160000	SDIL 1,0X5,5X125	A.32
2749160000	SDIL 1,0X5,5X125	A.33
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2749160000	SDIL 1,0X5,5X125	A.35
2749160000	SDIL 1,0X5,5X125	A.63
2749160000	SDIL 1,0X5,5X125	A.64
2749160000	SDIL 1,0X5,5X125	A.65
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2749360000	SDS 0.8X4.0X100	B.243	2749610000	SDIS SLIM 0.6X3.5X100	A.185	2762320000	APG 6/1	A.104	2831510000	A2T 4 FS-FT-PE	A.78
2749380000	SDS 1.0X5.5X150	A.40	2749610000	SDIS SLIM 0.6X3.5X100	A.186	2762320000	APG 6/1	A.107	2831520000	A2T 4 DT-FT	A.78
2749380000	SDS 1.0X5.5X150	A.41	2749610000	SDIS SLIM 0.6X3.5X100	A.190	2762320000	APG 6/1	B.226	2831520000	A2T 4 DT-FT	A.79
2749380000	SDS 1.0X5.5X150	A.42	2749610000	SDIS SLIM 0.6X3.5X100	A.191	2762320000	APG 6/1	B.227	2831520000	A2T 4 DT-FT	A.89
2749380000	SDS 1.0X5.5X150	A.43	2749610000	SDIS SLIM 0.6X3.5X100	A.192	2762320000	APG 6/1	B.230	2831530000	A2T 4 DT-FT-PE	A.78
2749380000	SDS 1.0X5.5X150	A.69	2749610000	SDIS SLIM 0.6X3.5X100	A.194	2762330000	APG 6/2 MBB	B.226	2831530000	A2T 4 DT-FT-PE	A.79
2749380000	SDS 1.0X5.5X150	A.70	2749610000	SDIS SLIM 0.6X3.5X100	A.195	2762330000	APG 6/2 MBB	B.227	2831530000	A2T 4 DT-FT-PE	A.89
2749380000	SDS 1.0X5.5X150	A.155	2749610000	SDIS SLIM 0.6X3.5X100	A.196	2762330000	APG 6/2 MBB	B.230	2831540000	A2T 4 DT-FT W/O DTLV	A.89
2749380000	SDS 1.0X5.5X150	A.156	2749610000	SDIS SLIM 0.6X3.5X100	A.197	2762340000	APG 6/3 MBB	B.226	2831550000	A2T 4 DT-FT-PE W/O DTLV	A.89
2749380000	SDS 1.0X5.5X150	A.157	2749610000	SDIS SLIM 0.6X3.5X100	A.198	2762340000	APG 6/3 MBB	B.227	2831560000	ZDV 2.5N/2 WT	A.135
2749380000	SDS 1.0X5.5X150	A.158	2749610000	SDIS SLIM 0.6X3.5X100	A.199	2762340000	APG 6/3 MBB	B.230	2831560000	ZDV 2.5N/2 WT	A.377
2749380000	SDS 1.0X5.5X150	A.163	2749610000	SDIS SLIM 0.6X3.5X100	A.200	2762390000	APGSR 6	A.107	2831570000	ZDV 2.5N/3 WT	A.135
2749380000	SDS 1.0X5.5X150	A.167	2749610000	SDIS SLIM 0.6X3.5X100	A.201	2762390000	APGSR 6	A.110	2831570000	ZDV 2.5N/3 WT	A.377
2749380000	SDS 1.0X5.5X150	A.188	2749610000	SDIS SLIM 0.6X3.5X100	A.202	2762390000	APGSR 6	B.226	2831580000	ZDV 2.5N/4 WT	A.135
2749380000	SDS 1.0X5.5X150	A.189	2749610000	SDIS SLIM 0.6X3.5X100	A.203	2762390000	APGSR 6	B.231	2831580000	ZDV 2.5N/4 WT	A.377
2749380000	SDS 1.0X5.5X150	A.193	2749610000	SDIS SLIM 0.6X3.5X100	A.204	2762400000	APGLE 6	A.107	2831590000	ZDV 2.5N/5 WT	A.135
2749380000	SDS 1.0X5.5X150	A.289	2749610000	SDIS SLIM 0.6X3.5X100	A.206	2762400000	APGLE 6	A.111	2831590000	ZDV 2.5N/5 WT	A.377
2749380000	SDS 1.0X5.5X150	A.290	2749610000	SDIS SLIM 0.6X3.5X100	A.211	2762400000	APGLE 6	B.226	2831600000	ZDV 2.5N/6 WT	A.135
2749380000	SDS 1.0X5.5X150	A.291	2749610000	SDIS SLIM 0.6X3.5X100	A.212	2762400000	APGLE 6	B.231	2831600000	ZDV 2.5N/6 WT	A.377
2749380000	SDS 1.0X5.5X150	A.292	2749610000	SDIS SLIM 0.6X3.5X100	A.214	2762410000	APGPC 6	A.107	2831610000	ZDV 2.5N/7 WT	A.135
2749380000	SDS 1.0X5.5X150	A.293	2749610000	SDIS SLIM 0.6X3.5X100	A.215	2762410000	APGPC 6	A.111	2831610000	ZDV 2.5N/7 WT	A.377
2749380000	SDS 1.0X5.5X150	A.299	2749610000	SDIS SLIM 0.6X3.5X100	A.216	2762410000	APGPC 6	B.226	2831620000	ZDV 2.5N/8 WT	A.135
2749380000	SDS 1.0X5.5X150	A.300	2749610000	SDIS SLIM 0.6X3.5X100	A.218	2762410000	APGPC 6	B.230	2831620000	ZDV 2.5N/8 WT	A.377
2749380000	SDS 1.0X5.5X150	A.305	2749610000	SDIS SLIM 0.6X3.5X100	A.219	2762660000	JB 25-50 TH	B.278	2831630000	ZDV 2.5N/9 WT	A.135
2749380000	SDS 1.0X5.5X150	B.8	2749610000	SDIS SLIM 0.6X3.5X100	A.220				2831630000	ZDV 2.5N/9 WT	A.377
2749380000	SDS 1.0X5.5X150	B.9	2749610000	SDIS SLIM 0.6X3.5X100	A.221				2831640000	ZDV 2.5N/10 WT	A.135
2749380000	SDS 1.0X5.5X150	B.10	2749610000	SDIS SLIM 0.6X3.5X100	A.222				2831640000	ZDV 2.5N/10 WT	A.377
2749380000	SDS 1.0X5.5X150	B.11	2749610000	SDIS SLIM 0.6X3.5X100	A.223	2770670000	DEK 5/8 PLUS MC WS LRP	B.227	2831650000	ZDV 2.5N/20 WT	A.135
2749380000	SDS 1.0X5.5X150	B.12	2749610000	SDIS SLIM 0.6X3.5X100	A.224				2831650000	ZDV 2.5N/20 WT	A.377
2749380000	SDS 1.0X5.5X150	B.16	2749610000	SDIS SLIM 0.6X3.5X100	A.225				2831660000	ZDV 2.5N/50 WT	A.135
2749380000	SDS 1.0X5.5X150	B.17	2749610000	SDIS SLIM 0.6X3.5X100	A.226				2831660000	ZDV 2.5N/50 WT	A.377
2749380000	SDS 1.0X5.5X150	B.18	2749610000	SDIS SLIM 0.6X3.5X100	A.227	2786890000	ZDV 6N/6 BL	A.133	2831670000	ZDV 2.5N/2 BK	A.135
2749380000	SDS 1.0X5.5X150	B.19	2749610000	SDIS SLIM 0.6X3.5X100	A.230	2786900000	ZDV 6N/7 BL	A.133	2831670000	ZDV 2.5N/2 BK	A.377
2749380000	SDS 1.0X5.5X150	B.20	2749610000	SDIS SLIM 0.6X3.5X100	A.231	2786910000	ZDV 6N/10 BL	A.133	2831680000	ZDV 2.5N/3 BK	A.135
2749380000	SDS 1.0X5.5X150	B.21	2749610000	SDIS SLIM 0.6X3.5X100	A.232				2831680000	ZDV 2.5N/3 BK	A.377
2749380000	SDS 1.0X5.5X150	B.22	2749610000	SDIS SLIM 0.6X3.5X100	A.238				2831690000	ZDV 2.5N/4 BK	A.135
2749380000	SDS 1.0X5.5X150	B.23	2749610000	SDIS SLIM 0.6X3.5X100	A.239				2831690000	ZDV 2.5N/4 BK	A.377
2749380000	SDS 1.0X5.5X150	B.24	2749610000	SDIS SLIM 0.6X3.5X100	A.240				2831700000	ZDV 2.5N/5 BK	A.135
2749380000	SDS 1.0X5.5X150	B.98	2749610000	SDIS SLIM 0.6X3.5X100	A.241	2810820000	ZDV 6N/20	A.133	2831700000	ZDV 2.5N/5 BK	A.377
2749380000	SDS 1.0X5.5X150	B.99	2749610000	SDIS SLIM 0.6X3.5X100	A.242	2810830000	ZDV 4N/10 BK	A.135	2831700000	ZDV 2.5N/5 BK	A.377
2749380000	SDS 1.0X5.5X150	B.257	2749610000	SDIS SLIM 0.6X3.5X100	A.242	2810830000	ZDV 4N/10 BK	A.377	2831710000	ZDV 2.5N/6 BK	A.135
2749380000	SDS 1.0X5.5X150	B.288	2749610000	SDIS SLIM 0.6X3.5X100	A.243	2810840000	ZDV 4N/2 BK	A.135	2831710000	ZDV 2.5N/6 BK	A.377
2749380000	SDS 1.0X5.5X150	B.289	2749610000	SDIS SLIM 0.6X3.5X100	A.244	2810840000	ZDV 4N/2 BK	A.377	2831720000	ZDV 2.5N/7 BK	A.135
2749380000	SDS 1.0X5.5X150	B.290	2749610000	SDIS SLIM 0.6X3.5X100	A.245	2810850000	ZDV 4N/20 BL	A.132	2831720000	ZDV 2.5N/7 BK	A.377
2749380000	SDS 1.0X5.5X150	B.291	2749610000	SDIS SLIM 0.6X3.5X100	A.344	2810850000	ZDV 4N/20 BL	A.376	2831730000	ZDV 2.5N/8 BK	A.135
2749390000	SDS 1.2X6.5X150	A.300	2749610000	SDIS SLIM 0.6X3.5X100	B.97	2810860000	ZDV 4N/20 RD	A.132	2831730000	ZDV 2.5N/8 BK	A.377
2749390000	SDS 1.2X6.5X150	A.301	2749610000	SDIS SLIM 0.6X3.5X100	B.134	2810860000	ZDV 4N/20 RD	A.376	2831740000	ZDV 2.5N/9 BK	A.135
2749390000	SDS 1.2X6.5X150	B.32	2749610000	SDIS SLIM 0.6X3.5X100	B.135	2810870000	ZDV 4N/20 BK	A.135	2831740000	ZDV 2.5N/9 BK	A.377
2749390000	SDS 1.2X6.5X150	B.33	2749610000	SDIS SLIM 0.6X3.5X100	B.166	2810870000	ZDV 4N/20 BK	A.377	2831750000	ZDV 2.5N/10 BK	A.135
2749390000	SDS 1.2X6.5X150	B.255	2749610000	SDIS SLIM 0.6X3.5X100	B.167	2810880000	ZDV 4N/3 BK	A.135	2831750000	ZDV 2.5N/10 BK	A.377
2749390000	SDS 1.2X6.5X150	B.274	2749610000	SDIS SLIM 0.6X3.5X100	B.168	2810880000	ZDV 4N/3 BK	A.377	2831760000	ZDV 2.5N/20 BK	A.135
2749390000	SDS 1.2X6.5X150	B.275	2749610000	SDIS SLIM 0.6X3.5X100	B.169	2810890000	ZDV 4N/4 BK	A.135	2831760000	ZDV 2.5N/20 BK	A.377
2749390000	SDS 1.2X6.5X150	B.299	2749610000	SDIS SLIM 0.6X3.5X100	B.282	2810890000	ZDV 4N/4 BK	A.377	2831770000	ZDV 2.5N/50 BK	A.135
2749410000	SDK PH1 X 80	B.176	2749620000	SDIS SLIM 0.8X4.0X100	A.151	2810900000	ZDV 4N/5 BK	A.135	2831770000	ZDV 2.5N/50 BK	A.377
2749440000	SDK PZ1 X 80	B.176	2749620000	SDIS SLIM 0.8X4.0X100	A.163	2810900000	ZDV 4N/5 BK	A.377	2831780000	ZDV 4N/9 BK	A.135
2749450000	SDK PZ2 X 100	B.56	2749620000	SDIS SLIM 0.8X4.0X100	A.193	2810910000	ZDV 4N/6 BK	A.135	2831780000	ZDV 4N/9 BK	A.377
2749450000	SDK PZ2 X 100	B.58	2749620000	SDIS SLIM 0.8X4.0X100	A.208	2810910000	ZDV 4N/6 BK	A.377	2831790000	ZDV 4N/10 WT	A.135
2749450000	SDK PZ2 X 100	B.60	2749620000	SDIS SLIM 0.8X4.0X100	A.209	2810920000	ZDV 4N/7 BK	A.135	2831790000	ZDV 4N/10 WT	A.377
2749450000	SDK PZ2 X 100	B.61	2749620000	SDIS SLIM 0.8X4.0X100	A.210	2810920000	ZDV 4N/7 BK	A.377	2831800000	ZDV 4N/2 WT	A.135
2749450000	SDK PZ2 X 100	B.62	2749620000	SDIS SLIM 0.8X4.0X100	A.211	2810930000	ZDV 4N/8 BK	A.135	2831800000	ZDV 4N/2 WT	A.377
2749450000	SDK PZ2 X 100	B.64	2749620000	SDIS SLIM 0.8X4.0X100	A.212	2810930000	ZDV 4N/8 BK	A.377	2831810000	ZDV 4N/3 WT	A.135
2749450000	SDK PZ2 X 100	B.66	2749620000	SDIS SLIM 0.8X4.0X100	A.241	2814490000	WPD 100 2X25/6X10 BK	B.56	2831810000	ZDV 4N/3 WT	A.377
2749450000	SDK PZ2 X 100	B.70	2749780000	SDIS 0.4X2.0X60	A.70	2814500000	WPD 100 2X25/6X10 BK	B.56	2831820000	ZDV 4N/4 WT	A.135
2749450000	SDK PZ2 X 100	B.71	2749780000	SDIS 0.4X2.0X60	B.105	2814510000	WPD 110 1X70+1X35/6X16 BK	B.58	2831820000	ZDV 4N/4 WT	A.377
2749450000	SDK PZ2 X 100	B.74	2749780000	SDIS 0.4X2.0X60	B.107	2814520000	WPD 110 1X70+1X35/6X16 BK	B.58	2831830000	ZDV 4N/5 WT	A.135
2749450000	SDK PZ2 X 100	B.75	2749810000	SDIS 0.6X3.5X100	A.215	2816930000	A3T 1.5	A.54	2831830000	ZDV 4N/5 WT	A.377
2749450000	SDK PZ2 X 100	B.78	2749810000	SDIS 0.6X3.5X100	A.293	2816940000	A3T 1.5 BL	A.54	2831840000	ZDV 4N/6 WT	A.135
2749450000	SDK PZ2 X 100	B.80	2749810000	SDIS 0.6X3.5X100	B.54	2816950000	AEP 3T 1.5	A.54	2831840000	ZDV 4N/6 WT	A.377
2749450000	SDK PZ2 X 100	B.82	2749810000	SDIS 0.6X3.5X100	B.99	2816950000	AEP 3T 1.5	A.55	2831850000	ZDV 4N/7 WT	A.135
2749450000	SDK PZ2 X 100	B.84	2749810000	SDIS 0.6X3.5X100	B.176	2816950000	AEP 3T 1.5	A.73	2831850000	ZDV 4N/7 WT	A.377
2749450000	SDK PZ2 X 100	B.86	2749810000	SDIS 0.6X3.5X100	B.208	2816960000	A2T 4 FS-FT BK	A.79	2831860000	ZDV 4N/8 WT	A.135
2749450000	SDK PZ2 X 100	B.88	2749810000	SDIS 0.6X3.5X100	B.209	2816970000	A2T 4 FS-FT 10-36V BK	A.79	2831860000	ZDV 4N/8 WT	A.377
2749610000	SDIS SLIM 0.6X3.5X100	A.144	2749810000	SDIS 0.6X3.5X100	B.291	2816980000	A2T 4 FS-FT 30-70V BK	A.79	2831870000	ZDV 4N/9 WT	A.135
2749610000	SDIS SLIM 0.6X3.5X100	A.145	2749810000	SDIS 0.6X3.5X100	B.298	2816990000	A2T 4 FS-FT 60-150V BK	A.79	2831870000	ZDV 4N/9 WT	A.377
2749610000	SDIS SLIM 0.6X3.5X100	A.146	2749850000	SDIS 1.0X5.5X125	B.54	2817000000	A2T 4 FS-FT 100-250V BK	A.79	2831890000	ZDV 4N/41 BK	A.135
2749610000	SDIS SLIM 0.6X3.5X100	A.147	2749850000	SDIS 1.0X5.5X125	B.291	2817010000	A2T 4 FS-FT-PE BK	A.79	2831890000	ZDV 4N/41 BK	A.377
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2902460000	S2T 2.5 PE	A.18
2902530000	S3T 2.5	A.12
2902540000	S3T 2.5 BL	A.12
2902550000	S3T 2.5 FT-FT-PE	A.13
2902560000	S3T 2.5 N-FT-PE	A.13
2902570000	S3T 2.5 VL	A.12
2902580000	S3T 2.5 VL BL	A.12
2902590000	S3T 2.5 PE	A.18
2902630000	SEP 3T 2.5	A.12
2902630000	SEP 3T 2.5	A.13
2902630000	SEP 3T 2.5	A.18
2902640000	SEP 3T 2.5 BL	A.12
2902640000	SEP 3T 2.5 BL	A.13
2902640000	SEP 3T 2.5 BL	A.18
2904720000	A4C 2.5 FE	B.286

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2910530000	DTLE 2.5/4	A.21
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2910530000	DTLE 2.5/4	A.81
2910530000	DTLE 2.5/4	A.83
2910530000	DTLE 2.5/4	A.84
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2910530000	DTLE 2.5/4	A.86
2910530000	DTLE 2.5/4	A.87
2910530000	DTLE 2.5/4	A.88
2910530000	DTLE 2.5/4	A.334
2910530000	DTLE 2.5/4	A.336
2910530000	DTLE 2.5/4	A.348
2910530000	DTLE 2.5/4	A.349
2910530000	DTLE 2.5/4	A.350
2910530000	DTLE 2.5/4	A.351
2910530000	DTLE 2.5/4	B.151
2910530000	DTLE 2.5/4	B.153
2910530000	DTLE 2.5/4	B.159
2910530000	DTLE 2.5/4	B.160
2910530000	DTLE 2.5/4	B.161
2910530000	DTLE 2.5/4	B.162
2910900000	WDR 2.5 0 STB BL	A.344
2911380000	BB-CV AITB 3X10 OR	B.200
2913480000	SEP 2T 2.5	A.10
2913480000	SEP 2T 2.5	A.11
2913480000	SEP 2T 2.5	A.18
2913480000	SEP 2T 2.5 BL	A.10
2913490000	SEP 2T 2.5 BL	A.11
2918260000	ADT 1.5 2C	A.80
2918270000	ADT 1.5 3C	A.80
2918280000	ADT 1.5 4C	A.81
2918300000	AEP DT 1.5 4C	A.81
2918930000	BB-CV AITB 3X10 BL	B.200

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2924980000	AWPD 35 4X10 FE	B.291
2929670000	SEP DT 2.5 4C	A.22

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2938210000	AL2T 2.5 BL	A.51
2938390000	L-BOXX 102 KC AITB INSTA 1	B.203

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2941370000	L-BOXX 102 CASE EMPTY WITH 5 TRAYS	B.203
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2941430000	SDT 4 2C BL	A.23
2941440000	SDT 4 2C OR	A.23
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2941470000	SDT 4 2C w/o DTLV OR	A.23
2941480000	SFS 4 2C BK	A.19
2941490000	SFS 4 2C 10-36V BK	A.19
2941500000	SFS 4 2C 30-70V BK	A.19
2941510000	SFS 4 2C 60-150V BK	A.19
2941520000	SFS 4 2C 100-250V BK	A.19

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2974130000	SDT 2.5 2C BL	A.20
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2974150000	SDT 2.5 3C BL	A.21
2974160000	SDT 2.5 4C OR	A.22
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3016700000	SDT 2.5 4C	A.22
3016710000	SDT 2.5 2C W/O DTLV	A.20
3016730000	SDT 2.5 3C W/O DTLV	A.21
3016740000	SDT 2.5 4C W/O DTLV	A.22
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3018840000	W2C 4 DTCA DB	B.155
3018940000	W2C 4 DTCA BL	A.307
3018940000	W2C 4 DTCA BL	B.155
3019240000	W2C 4 DTCA BK	A.308
3019240000	W2C 4 DTCA BK	B.156
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3019260000	W2C 4 DTCA BK STB	B.157
3019280000	W2C 4 DTCA-PE BK	A.309
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3019300000	W2T 4 DTCA-FT DB	A.349
3019300000	W2T 4 DTCA-FT DB	B.161
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3019340000	W2T 4 DTCA-FT BK	B.161
3019360000	W2T 4 DTCA-FT-PE BK	A.350
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7921570000	SIHA 3/G20/LD 10-36V	B.151
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8014670000	WDK 2.5 2D 1.A	A.365

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7921600000	SIHA 3/G20/LD 140-250V	B.197
7921600000	SIHA 3/G20/LD 140-250V	B.198
7921600000	SIHA 3/G20/LD 140-250V	B.199

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8010040000	WDK 2.5 LD GR 1R 24VDC	A.367
8014670000	WDK 2.5 2D 1.A	A.365

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8023610000	WDK 2.5 LD/GR 1R 24VDC	A.367
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8025610000	WDK 2.5 1D	A.364

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9512420000	WDU 70N/35 BL	A.279
9512420000	WDU 70N/35 BL	B.28

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9525840000	WQV 70N-PEN	B.33

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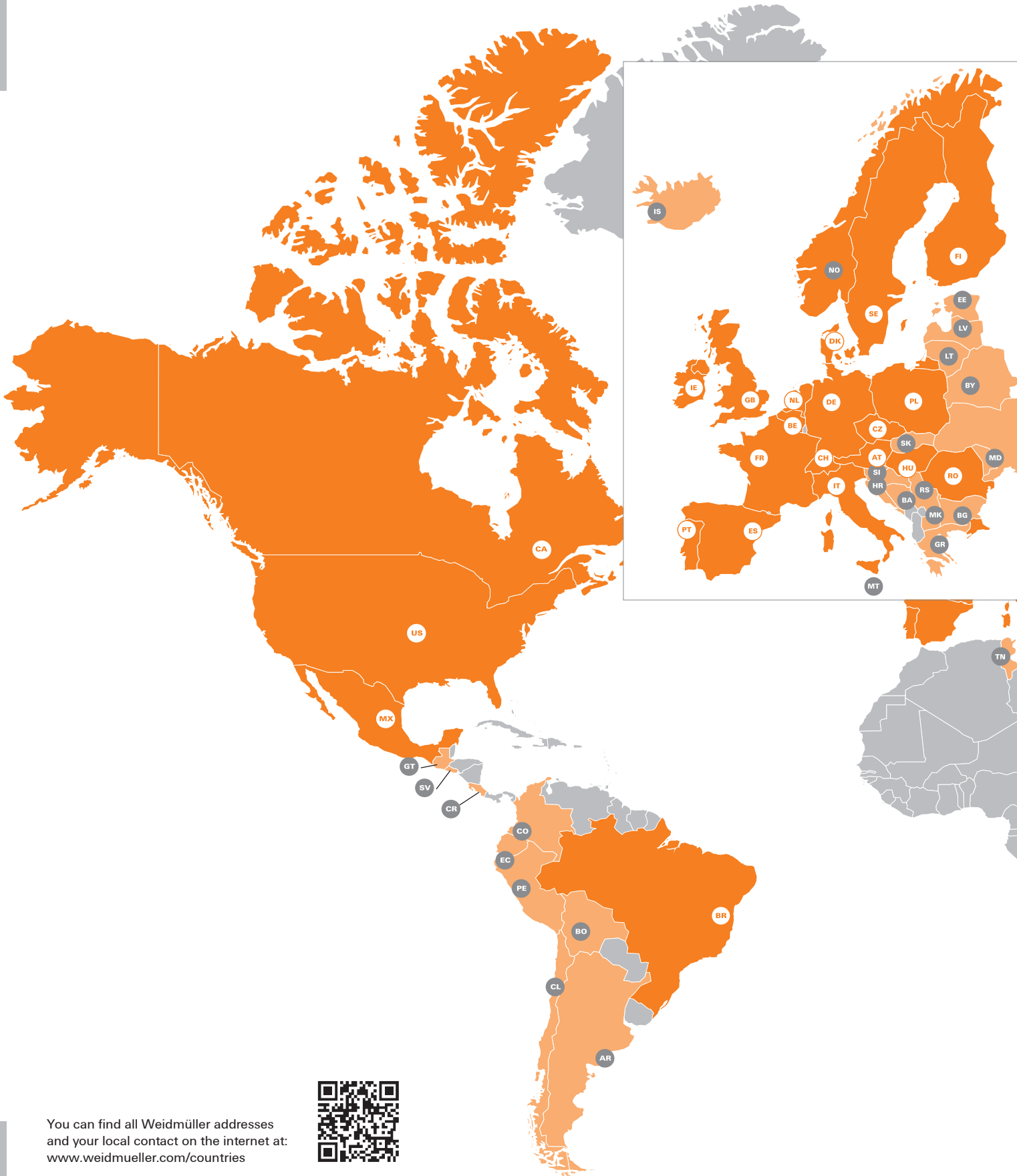
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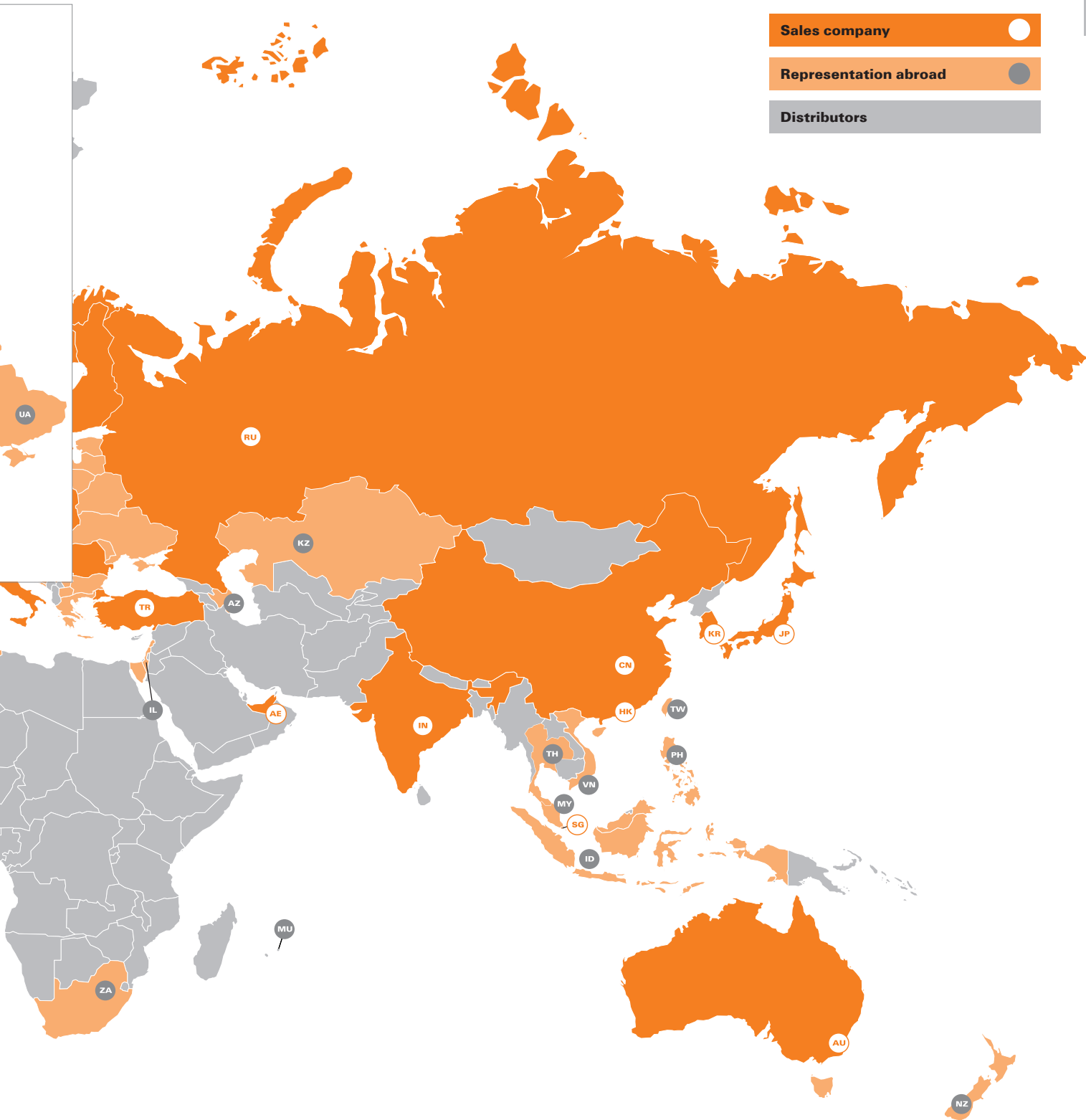
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9918870000	VT DIGI PRO	B.12
9918870000	VT DIGI PRO	B.24

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