

PLC / DCS System Cabling & Migration Solutions

Version 2022



Weidmüller 

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PLC / DCS System Cabling & Migration Solutions

Catalogue 4.5

PLC / DCS System Cabling & Migration Solutions

Universal solutions for PLC input/output cards

Dedicated solution for Honeywell C300

Interface units for Yokogawa CS3000 and ProSafe

Passive interfaces for general applications

Isolated Interfaces and solutions for general applications

Pre-assembled cables for general applications

Migration Systems

Card holders

Appendix

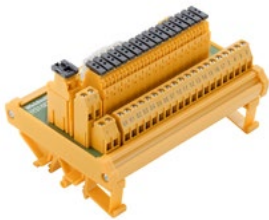
Service and Support

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Index Type / Index Order No.

PLC / DCS System Cabling & Migration Solutions

RS IO
Page A.39



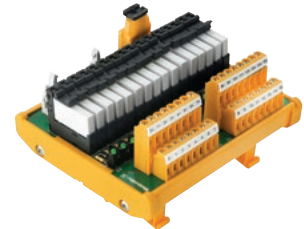
- Passive interfaces for digital input/outputs for PLCs
- Ribbon cable connection 20 pole 1-2-3 wires
- With LED, fuses, disconnecter
- Screw or tension clamp connection

RS A
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- Passive interfaces for analogue input/output for PLCs
- Connection connector SUB-D
- With disconnection by channel and test points
- Screw or tension clamp connection

RSM
Page A.58



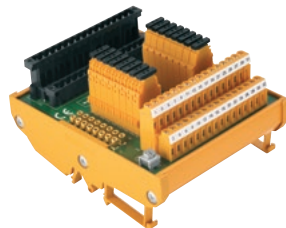
- Isolated digital inputs interfaces for PLCs
- Ribbon connection cable 20 pole
- Screw or tension clamp connection

RSM
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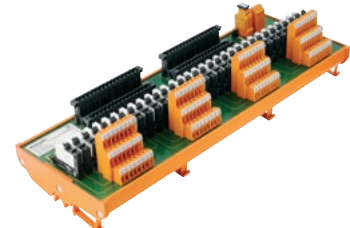
- Isolated interfaces for digital outputs for PLCs
- Ribbon connection cable 20 pole
- With narrow 6 mm relay or standard RCL
- Screw, tension clamp and PUSH IN connection

FTA-C300
Page B.5



- Passive input/output interfaces for Honeywell C300
- Screw or tension clamp connection

FTA-C300-RSLIM
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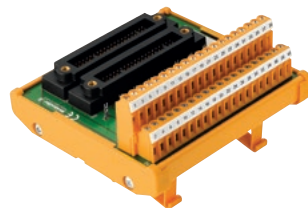
- Isolated digital input/output interfaces for Honeywell C300
- Screw or tension clamp connection

C300 / PAC-C300
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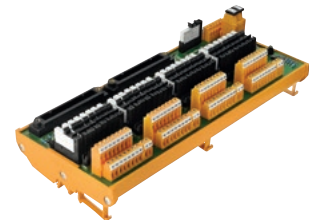
- Pre-assembled cables for Honeywell C300
- Premium range (with housing) and Basic range (without housing)

TBY-C3
Page C.5



- Passive Interfaces for CS3000 digital and analogue cards
- 2 KS (40 poles) or AKB (50 poles) connectors for redundancy
- With LED, fuses, disconnectors
- Screw and tension clamp connection

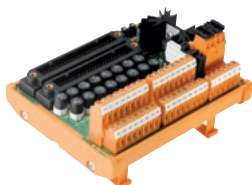
TBY-ADV
Page C.11



- Isolated Interfaces for CS3000 digital cards
- 2 AKB (50 poles) connectors for redundancy
- 6.4mm relays with fuses and disconnectors
- Screw and tension clamp connection

TBY-RS

Page C.17



- Passive Interfaces for ProSafe digital and analogue cards
- 2 KS (40 poles) or AKB (50 poles) connectors for redundancy
- With LED, fuses, disconnections
- Screw and tension clamp connection

PAC-YOK-MIL

Page C.26



- Pre-assembled cable for Yokogawa CS3000 and ProSafe
- MIL connector - MIL connector
- MIL connector - ferrules
- Colour code according DIN 47100

BKP

Page C.30



- Backplane for Digital outputs SIL relays with alarm (as optional)

RS F

Page D.6



- Interface for ribbon cable in accordance with IEC 60603-1/ DIN 41651
- Connection 1:1
- 10 to 64 poles

RS SD

Page D.8



- Interface for connector SUB-D in accordance with IEC 60807-2/ DIN 41652
- Connection 1:1
- 9 to 50 male or female poles

RS SD HD

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- Interface for connector SUB-D high-density
- Connection 1:1
- 15, 26, 44, 62 poles
- Screw connection

RS RJ45

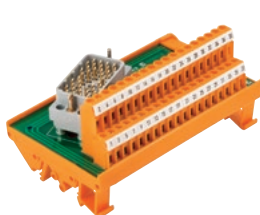
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- Interfaces with RJ45 connector
- Connection 1:1

RS ELCO

Page D.12



- Interface with male ELCO plug-in connectors
- Screw or tension clamp connection

RS ELCO F

Page D.13



- Interface with female ELCO plug-in connectors
- 20 to 56 poles
- Screw connection

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RSX

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- Axial components such as resistors, diodes and capacitors, can be soldered into the RSX component modules

RS VERT

Page D.18



- Supply voltage distributor modules
- Connection 1:1
- 2 to 6 potentials

RSD

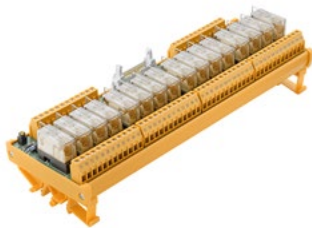
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- Interfaces with independent diodes or with anode or common cathode
- Screw connection

RSM 1CO/2CO

Page E.5



- Relay interface 1 or 2 changeover
- From 4 to 16 electromechanical relays
- Positive or negative switching or ac/dc
- Flat-connector available to make easy the connection to PLC'S
- Compatible with solid-state relays
- Screw, PUSH IN and tension clamp connection

RSMS 1CO

Page E.13



- Relay interface 1 changeover
- From 8 to 16 electromechanical relays
- Positive or negative switching or ac/dc
- Flat-connector available to make easy the connection to PLC'S
- Compatible with solid-state relays
- Screw and tension clamp

TIA F10

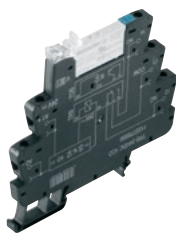
Page E.49



- TERMSERIES interface adapter for PLC wiring
- For 8-16 relays RSS
- For 8 relays RCL
- Sub-d and flat-connector connection

TRS

Page E.63



- All-purpose, pluggable relay modules
- Space-saving width
- AgNi contact with and without gold plating
- Screw and tension clamp connection

PAC-UNIV-HE

Page F.3



- Pre-assembled cables with ribbon cable connector
- Wire-end ferrules or ribbon cable connector
- Halogen free option
- Connection 1:1

PAC-UNIV-D

Page F.4



- Pre-assembled cables with SUB-D connector
- Wire-end ferrules or SUB-D connector
- Connection 1:1
- Halogen free option
- Shielded cable

PAC-HD

Page F.6



- Pre-assembled cables with High density SUB-D connector
- Wire-end ferrules or HD SUB-D connector
- Connection 1:1
- Shielded cable

PAC-ELCO

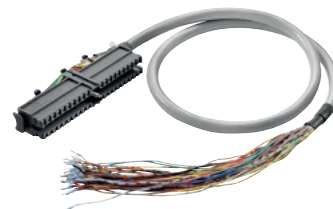
Page F.8



- Pre-assembled cables with ELCO connector
- Wire-end ferrules or ELCO connector
- Connection 1:1
- Shielded cable

PAC-UNIV

Page F.9



- Pre-assembled cables
- At one end has the PLC connector
- The other end has a wire-end ferrule

FAD S5115

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- Front adapters for migrations from Siemens S5-115
- Clip-in foot for TS35
- Bridge system

FAD S5135

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- Front adapters for migrations from Siemens S5-135
- Bridge system

FAD BLK1, BLK, BLK7, BLK9

Page G.20



- Front adapters for migrations from Schneider TSX
- Clip-in foot for TS35
- Bridge system

FAD PREM

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- Front adapters for migrations from Schneider Premium
- Clip-in foot for TS35
- Bridge system

FAD 1771

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- Front adapters for migrations from Rockwell PLC-5
- Clip-in foot for TS35
- Bridge system

MIGRATION RACK

Page G.33



- 19" racks
- Same dimensions as the original Siemens or Schneider racks

PLC / DCS System Cabling & Migration Solutions

SP-RS PLC PLC-5

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- Front adapters for migrations from Rockwell PLC-5
- Card system

IPC620

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- Front adapters for migrations from Honeywell PLC-5
- Card system

FAD – Front adapters for migrations – Schneider Quantum module

Page G.47



- Point-to-point connection
- Conversion between the Quantum connector to connector S2CD-THR 3.5/20 (2 units)
- 40 points

FAD – Front adapters for migrations – Siemens APAC

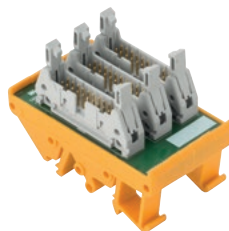
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- Point-to-point connection
- Conversion between the Moore connector to connector SL 3.5/24 poles
- 24 points

RS F20 X – Redundancy interfaces

Seite G.49



- Connection 1 to 1 for input interfaces
- Diode protection for output interfaces

SKH

Page H.4



- Card holders for adapting Euro format cards (19")
- Plug-in connectors acc. to IEC 603/DIN 41612 and DIN 41617

Universal solutions for PLC input/output cards

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| | RS A - Selection guide for passive interfaces for analogue signals | A.53 |
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| | RSM - Isolated interfaces for digital output signals | A.63 |

Universal solutions for PLC input/output cards

Aimed at reducing costs, and to save space and time in the construction of electrical cabinets, the universal cabling system for PLCs is provided as an effective alternative to end-to-end cabling design. Weidmüller offers a wide range of pre-assembled cables and interfaces to major PLC manufacturers:

- The interfaces are used as an interconnection element between the control and the process, and are supplied with tension clamp or screw connection. Those interfaces, with a compact design, provide different functions such as LEDs, fuses, disconnectors or relays.
- The pre-assembled cables are supplied with the manufacturer's own connector at one end and are available in different lengths.

Universal system

The system is designed to be compatible with all main commercial PLCs: ABB, Emerson, Fanuc, Honeywell, Mitsubishi, Omron, Rockwell, Schneider, Siemens, ...



Guaranteed connection

The original factory connector is on one end of the PLC and standard connectors are on the other end: ribbon cable with fixing housing for digital signals and SUB-D connector for analogue signals. Available in different lengths.



Simple system configuration

Selection tables are available in this catalogue to assist you in choosing the right products for your application. In addition, there is also an automatic software selection guide on the website.

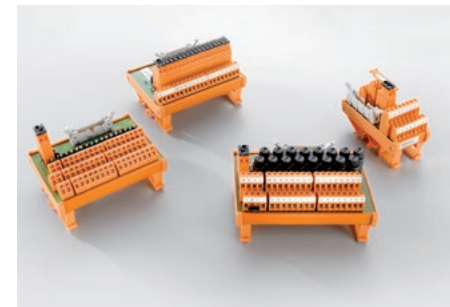
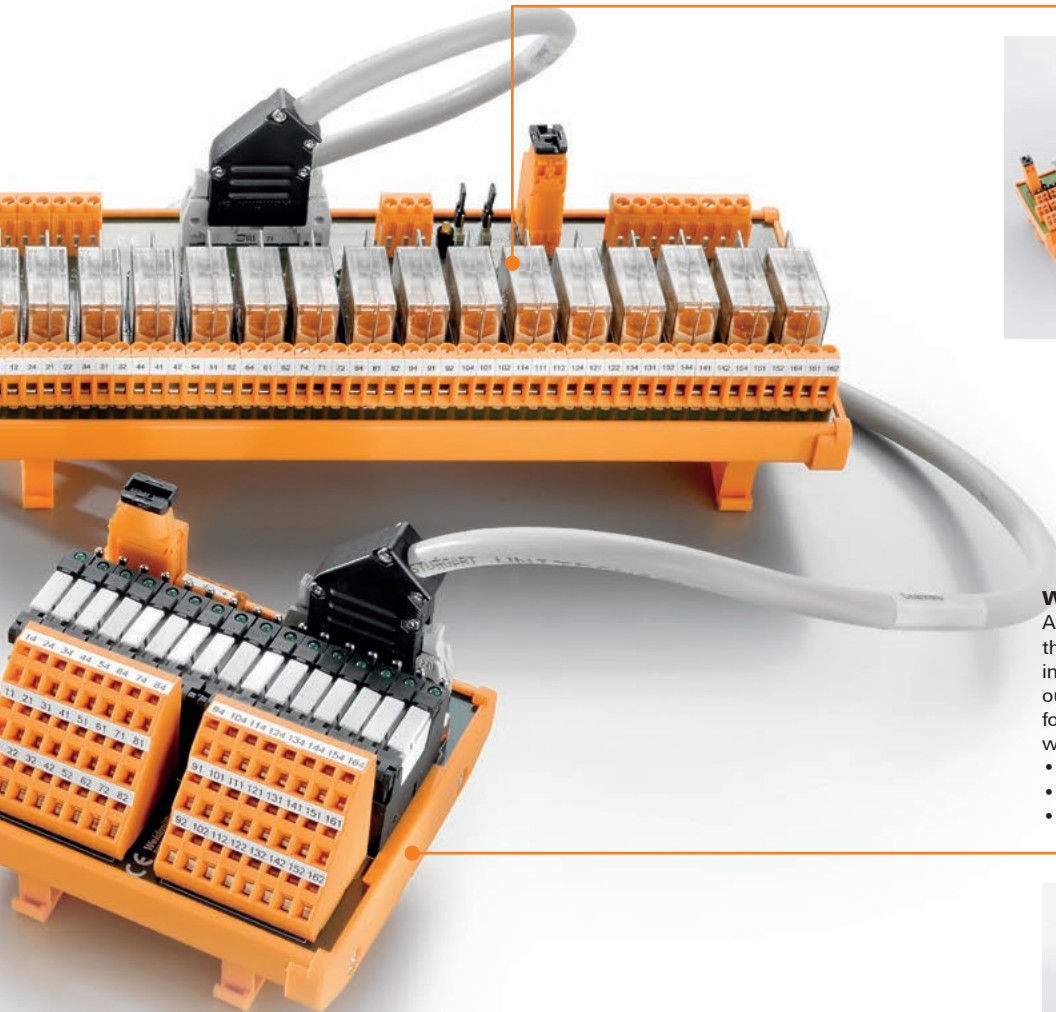
PLC SIEMENS – S7-300 / ET-200M

| Order code | PLC | | Number of channels | Number of relays | Number of inputs | Number of outputs |
|---------------------|------------|-------------|--------------------|------------------|------------------|-------------------|
| | Input type | Output type | | | | |
| 6ES7 321-1BH01-0AA0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AB0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AC0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AD0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AE0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AF0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AG0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AH0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AJ0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AK0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AL0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AM0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AN0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AP0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AQ0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AR0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AS0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AT0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AU0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AV0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AW0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AX0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AY0 | 12/24 | 16 | 16 | 16 | 16 | 16 |
| 6ES7 321-1BH01-0AZ0 | 12/24 | 16 | 16 | 16 | 16 | 16 |

Wide range of passive interfaces

The range includes passive input/output interfaces for digital and analogue signals. The interfaces are available in screw or tension clamp connection and the sensors/actuators can be connected with 1, 2 or 3 wires, whichever is needed. You can also choose from a large variety of components:

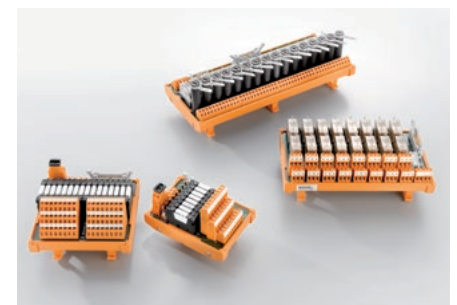
- LED indication
- Fuse
- Disconnector
- Test leads



Wide range of relay insulated interfaces

Available in versions with 8, 12 and 16 relays, the RSM family offers the possibility of insulating digital signals both in input and output cards. Options include our compact format (6 mm relays) or standard (RCL relay), with additional features including:

- Switch in coil and contact
- Fuse in contact
- 1 or 2 CO contacts



Universal solutions for PLC input/output cards

The increasing complexity of machinery and facilities in the industry means that attention is being drawn to the resulting rise in the costs of wiring. Traditional end-to-end cabling between the PLC and the field components has many drawbacks:

- High assembly costs: Time-consuming routing and assembly of connecting leads.
- The risk of wiring mistakes increases in proportion with the number of individual wires at one end.
- Individual wires occupy a considerable amount of space in the cabinet.
- High installation and implementation time.
- High labelling and documentation workload

Weidmüller offers a complete line of pre-assembled cables, together with a range of compact interfaces, to connect with the main commercial PLCs:

- ABB S88
- Emerson Delta V
- GE Fanuc 90-30 and RX3i
- Honeywell C200, Control Edge
- Mitsubishi Melsec
- Omron CJ1W
- Rockwell Compact Logix , Control Logix and Micro Logix
- Schneider Micro, Twido, Quantum, M340/M580, M258 and TM3
- Siemens S7-200, S7-300, S7-400, S7-1200 and S7-1500, ET 200SP and ET 200SP HA

PLC interface

The range includes passive input/output interfaces for digital and analogue signals and relay boards to insulate the input and output signals. These modules accept all common commercial connectors and are available for screw or tension clamp connection.

The Weidmüller universal interfaces for the PLC have the following individual components:

- Extruded profile for inserting the PCB
- Clip-on feet for locking on standardised mounting rails TS 32 and TS 35
- Printed circuit board where the following elements can be identified
 - Plug-in connectors to the PLC (Ribbon cable, RSV or SUB-D)
 - Weidmüller terminals for screw or tension clamp connection
 - Electronic or mechanical components offering additional functions: LED, relays, fuses...

These interfaces are universal: the same interface can be used by different PLCs from different manufacturers. Pre-assembled cables are responsible for adequately communicating the PLC with its field components.



Digital input/output interfaces (H System)

The digital input/output interfaces have been designed using a ribbon cable connector suitable for the majority of signals coming from the PLC. In addition, the pre-assembled cables are designed using a cross-section of 0.25 mm² and have a cover that guarantees complete and safe fastening with the interface connector.

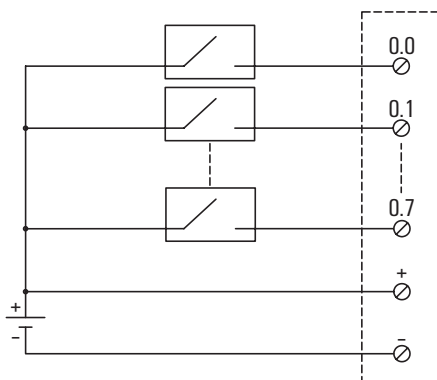
The range has been designed for 8, 16 and 32 signals in tension clamp or screw connection and you can choose additional functions including:

- LED
- Fusible
- Interruptor

Additionally, sensors/actuators can be connected using 1-, 2-, or 3-wire techniques; this way, the space that is usually needed for connecting the common power supply points, which are normally connected via additional terminals, is not required.

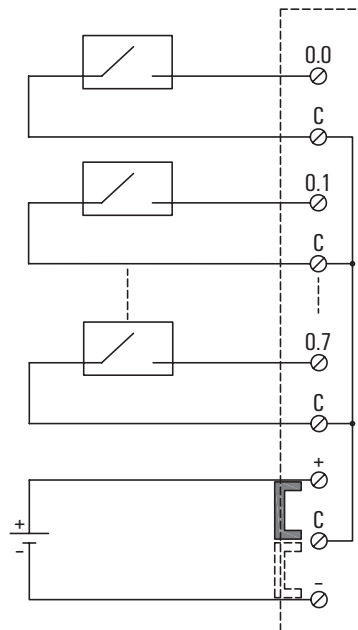
1-wire system:

In field components, one of the wires is connected to the interface while the other is connected to a common power supply point (for example a terminal block).



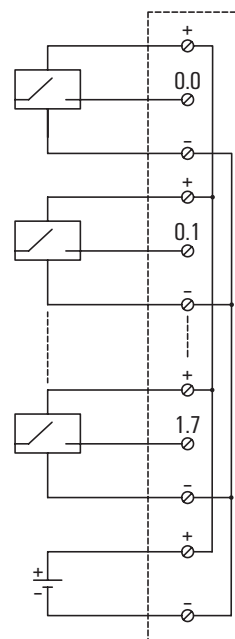
2-wire system:

The 2 wires of the field element are connected to the interface with power bus in one of them.



3-wire system:

The interface is designed for 3 wire field components, with one for positive, one for negative and one for the signal that is sent to the PLC.



Universal solutions for PLC input/output cards

Digital input/output interfaces for high voltage (R System)

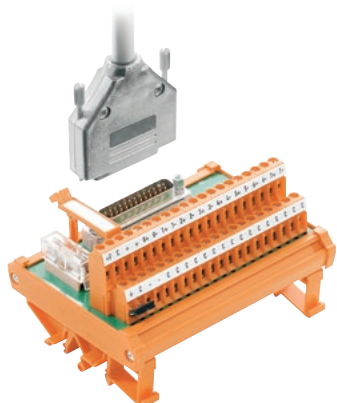
The digital signals used by PLCs are usually 24V DC or a maximum of 48 V DC. Nevertheless, a few cards also work at higher voltages, up to 230 V AC.

For these voltages, the insulation distance between channels has to be increased up to values that the ribbon cable connector is not able provide. In this case, interfaces supplied with RSV connectors have been included in the range.



Analogue input/output interfaces (S System)

The analogue input/output interfaces have been designed using a shielded SUB-D connector, ideal for avoid interferences in the transmission of analogue signals. The pre-assembled cables are also supplied with shielded cable.



Insulated digital input/output interfaces

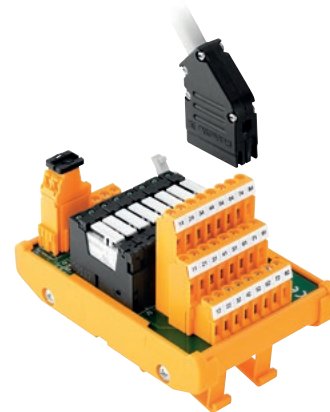
The insulated digital input/output interfaces are used, when necessary, to isolate the PLC signal from the field signal, normally when adapting voltages between the field components and the PLC operational voltage.

The current provided by the PLC is not high enough for the different field components in the output cards. In this case, the relay acts like an amplifier and offers enough power to connect the different elements, such as, for example, electro valves.

The RSM family, available in 8 and 16 relay versions connects to the PLC with a ribbon cable and is available in compact form (6 mm relays) or standard (RCL relay) and includes additional features such as:

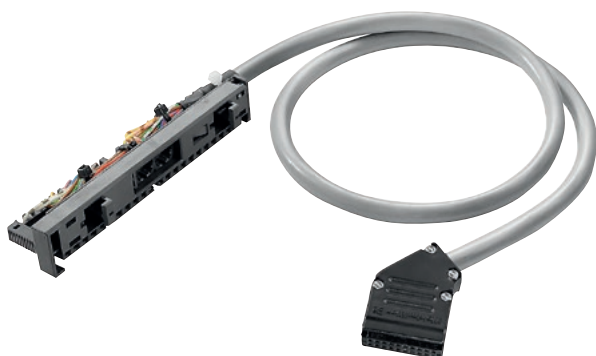
- Switch in coil and contact
- Fuse in contact
- 1 or 2 CO contacts

In addition, the relays also can be replaced by the Weidmüller solid-state-relays.



Pre-assembled cables

The connection using pre-assembled cables drastically reduces the connection work between the PLC and the field components.



Each pre-assembled cable has the following features:

- PLC connector: The original connector of the manufacturer is used.
- Interface Connector: 3 types of connectors are used according to the interface they connect to.
 - Ribbon cable connectors - which are supplied with a hood to protect them from cable extraction forces and ensure secure and reliable connection.
 - Very robust RSV connectors that allow working with high voltages of up to 230 V.
 - SUB-D connectors, where the wire screening for analogue signals is connected directly to the metallic body of the connector to minimise the effect of electromagnetic interferences.
- Cable: A multipole 0.25 mm² cross-section wire is used. This is also shielded for analogue signal cables. Each of the individual wires is identified by means of a colour code according to DIN 47100.

Table of colour codes according to DIN 47100

| N° | Colour | N° | Colour | N° | Colour |
|----|--------------|----|--------------|----|--------------------|
| 1 | White | 22 | Brown/Blue | 43 | Blue/Black |
| 2 | Brown | 23 | White/Red | 44 | Red/Black |
| 3 | Green | 24 | Brown/Red | 45 | White/Brown/Black |
| 4 | Yellow | 25 | White/Black | 46 | Yellow/Green/Black |
| 5 | Grey | 26 | Brown/Black | 47 | Grey/Pink/Black |
| 6 | Pink | 27 | Grey/Green | 48 | Blue/Red/Black |
| 7 | Blue | 28 | Yellow/Grey | 49 | White/Green/Black |
| 8 | Red | 29 | Pink/Green | 50 | Green/Brown/Black |
| 9 | Black | 30 | Yellow/Pink | 51 | White/Yellow/Black |
| 10 | Violet | 31 | Green/Blue | 52 | Yellow/Brown/Black |
| 11 | Grey/Pink | 32 | Yellow/Blue | 53 | White/Grey/Black |
| 12 | Red/Blue | 33 | Green/Red | 54 | Grey/Brown/Black |
| 13 | White/Green | 34 | Yellow/Red | 55 | White/Pink/Black |
| 14 | Brown/Green | 35 | Green/Black | 56 | Pink/Brown/Black |
| 15 | White/Yellow | 36 | Yellow/Black | 57 | White/Blue/Black |
| 16 | Yellow/Brown | 37 | Grey/Blue | 58 | Brown/Blue/Black |
| 17 | White/Grey | 38 | Pink/Blue | 59 | White/Red/Black |
| 18 | Grey/Brown | 39 | Grey/Red | 60 | Brown/Red/Black |
| 19 | White/Pink | 40 | Pink/Red | 61 | Black/White |
| 20 | Pink/Brown | 41 | Grey/Black | | |
| 21 | White/Blue | 42 | Pink/Black | | |

Tables and automatic selection guides:

To help you choose the right products for your application, Weidmüller offers a catalogue with a selection of tables which can be found on the following pages.

In addition, on our website, we have an automatic selection guide, using intuitive software that can help you to choose the appropriate interface and cable for your Input/Output cards. This can be found at www.weidmueller.com

Universal solutions for PLC input/output cards

Advantages of the system:

The combination of pre-assembled cables and the interfaces allows the final connecting system to be:

- **Safe**
 - It excludes the risk of errors in cabling

- **Fast**

The use of pre-assembled cables means there are real savings in time:

 - during design, thanks to the selection guides.
 - during assembly.
 - during startup.
 - in the detection/resolution of problems.

- **Reliable**
 - no cabling errors,
 - clean cabling in cabinet
(multi-pole cables instead of single cables)

- **Flexible**
 - a multitude of input/output interfaces
 - variable cable lengths,
 - expansions can be made without any problem.
 - flexibility thanks to the simplicity of interchanging and diverse input/output interfaces.
 - easy migration to another system, simply by changing the pre-assembled cable.

- **Small-space reduction**
 - more space in the cable ducts,
 - narrow modules,
 - no terminal block

3 Locate the exact family of modules and the quantity you require

Example:

- H2016 System Quantity: 1 unit (by card)

or

- I2016 System Quantity: 1 unit (by card)

Take the notes into account (if there are any)

The portfolio includes:

Passive digital input/output interfaces (H System)

H20: Universal interface for pin to pin 20 pole ribbon cable (see chapter D)

H2008: Passive input/output 8-channel digital interface

H2016: Passive input/output 16-channel digital interface

H40: Universal interface for pin to pin 40 pole ribbon cable (see chapter D)

Passive digital input/output interfaces for high voltage (R System)

R2416: Passive input/output 16-channel digital interface (for high voltage)

R3632: Passive input/output 32-channel digital interface (for high voltage)

Passive analogue output/input interfaces (S System)

A15: Universal interface for pin to pin SUB-D 15 male poles (see catalogue D)

A25: Universal interface for pin to pin SUB-D 25 male poles (see catalogue D)

A37: Universal interface for pin to pin SUB-D 37 male poles (see catalogue D)

A1504: Passive input/output 4-channel analogue interface

A2508: Passive input/output 8-channel analogue interface

A3716: Passive input/output 16-channel analogue interface

A2508P: Passive input/output 8-channel analogue interface (specific)

Relay insulated digital output/input interfaces

O2008: 8-channel insulated digital output interface positive switching

O2008N: 8-channel insulated digital output interface negative switching

O2016: 16-channel insulated digital output interface positive switching

O2016N: 16-channel insulated digital output interface negative switching

I2016: 16-channel insulated digital input interface

4 Note the page number that is shown in the top part of the column

Example:

- H2016 System -> See page A.39

or

- I2016 System -> See page A.58

5 Once the module family is chosen (step 3 - eg H2016), go to the page identified in step 4 and locate that family in the new table on that page.

6 Choose the interface according to your application needs ie. 1, 2 or 3 wires, screw or tension clamp connection, with fuse, LED, switch, etc.

7 Go to the specifications page where you can check all the details of the interface.

Note: The interfaces are intended to be used inside an IP20 enclosure at least.

PLC ABB S800



A

| | PLC | | Cables | | Interfaces | | | | | |
|----|---------------------|-------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | DI810 | 16 DI | 7789641xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | DI811 ^{A)} | 16 DI | 7789641xxx | 1 | H2016 | 1 | | | | |
| | DI814 ^{A)} | 16 DI | 7789641xxx | 1 | H0216 | 1 | | | | |
| | DI818 + TU819 | 32 DI | 7789641xxx | 2 | H2016 | 2 | | | | |
| | DI830 | 16 DI | 7789641xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | DI831 ^{A)} | 16 DI | 7789641xxx | 1 | H2016 | 1 | | | | |
| | DI840 | 16 DI | 7789641xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | DI880 | 16 DI | 7789641xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| DO | DO810 | 16 DO | 7789641xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | DO814 ^{B)} | 16 DO | 7789641xxx | 1 | H2016 | 1 | | | O2016N | 1 |
| | DO815 | 8 DO | 7789643xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | DO818+TU819 | 32 DO | 7789641xxx | 2 | H2016 | 2 | | | O2016 | 2 |
| | DO840 | 16 DO | 7789641xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | DO880 | 16 DO | 7789641xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| AI | AI810 | 8 AI | 7789657xxx | 1 | A25 | 1 | | | | |
| | AI810 | 8 AI | 2491490xxx | 1 | A2508 | 1 | | | | |
| | AI820 | 4 AI | 7789657xxx | 1 | A25 | 1 | | | | |
| | AI830 | 8 AI | 7789657xxx | 1 | A25 | 1 | | | | |
| | AI830A | 8 AI | 7789657xxx | 1 | A25 | 1 | | | | |
| | AI845 | 8 AI | 7789657xxx | 1 | A25 | 1 | | | | |
| | AI880+TU854 | 8 AI | 7789657xxx | 1 | A2508 | 1 | | | | |
| AO | AO810 | 8 AO | 7789657xxx | 1 | A25 | 1 | | | | |
| | AO810 | 8 AO | 1349920xxx | 1 | A2508 | 1 | | | | |
| | AO810V2 | 8 AO | 7789657xxx | 1 | A25 | 1 | | | | |
| | AO815 | 8 AO | 7789657xxx | 1 | A25 | 1 | | | | |
| | AO820 | 4 AO | 7789657xxx | 1 | A25 | 1 | | | | |
| | AO845 | 8 AO | 7789657xxx | 1 | A25 | 1 | | | | |

Note
 A) Attention! Only use interfaces without LEDs
 B) Attention! Use only interfaces without LEDs for the direct option.

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
 - Use with 812TU MTU
 - The interfaces are intended to be used inside an IP20 enclosure at least.
 - The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.
- * In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

PLC EMERSON DELTA V

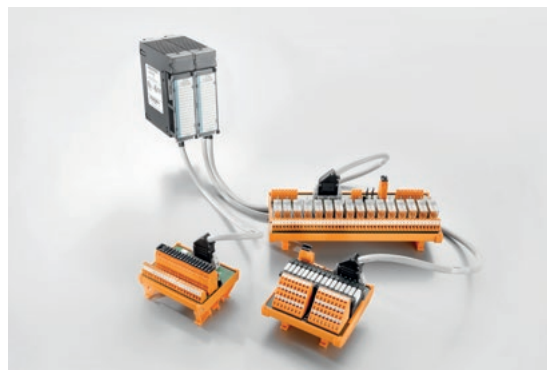
| | PLC | | Cables | | Interfaces | | | | | |
|--------------|----------------------------|-------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | VE4001S2T1B1 ^{A)} | 8 DI | 7789100xxx | 1 | H2016 | 1 | | | | |
| | VE4001S2T1B2 ^{A)} | 8 DI | 7789100xxx | 1 | H2016 | 1 | | | | |
| | VE4001S2T1B3 ^{A)} | 8 DI | 7789701xxx | 1 | H2016 | 1 | | | | |
| | VE4001S2T2B1 ^{A)} | 8 DI | 7789100xxx | 1 | H2016 | 1 | | | | |
| | VE4001S2T2B2 ^{A)} | 8 DI | 7789100xxx | 1 | H2016 | 1 | | | | |
| | VE4001S2T2B3 ^{A)} | 8 DI | 7789701xxx | 1 | H2016 | 1 | | | | |
| | VE4001S2T2B4 ^{A)} | 32 DI | 7789100xxx | 2 | H2016 | 2 | | | | |
| | VE4001S2T2B5 ^{A)} | 32 DI | 7789702xxx | 2 | H2016 | 2 | | | | |
| | VE4001S3T1B1 | 8 DI | 7789104xxx | 1 | R2416 | 1 | | | | |
| | VE4001S3T1B2 | 8 DI | 7789104xxx | 1 | R2416 | 1 | | | | |
| VE4001S3T2B1 | 8 DI | 7789104xxx | 1 | R2416 | 1 | | | | | |
| VE4001S3T2B2 | 8 DI | 7789104xxx | 1 | R2416 | 1 | | | | | |
| DO | VE4002S1T1B1 ^{A)} | 8 DO | 7789100xxx | 1 | H2008 | 1 | | | | |
| | VE4002S1T1B2 ^{A)} | 8 DO | 7789100xxx | 1 | H2008 | 1 | | | | |
| | VE4002S1T1B3 ^{A)} | 8 DO | 7789701xxx | 1 | H2016 | 1 | | | | |
| | VE4002S1T2B1 ^{A)} | 8 DO | 7789100xxx | 1 | H2008 | 1 | | | | |
| | VE4002S1T2B2 ^{A)} | 8 DO | 7789100xxx | 1 | H2008 | 1 | | | | |
| | VE4002S1T2B3 ^{A)} | 8 DO | 7789700xxx | 1 | H2008 | 1 | | | | |
| | VE4002S1T2B4 ^{A)} | 8 DO | 7789703xxx | 1 | H2008 | 1 | | | | |
| | VE4002S1T2B5 ^{A)} | 32 DO | 7789100xxx | 2 | H2016 | 2 | | | | |
| | VE4002S1T2B6 ^{A)} | 32 DO | 7789702xxx | 2 | H2016 | 2 | | | | |
| | VE4002S2T2B1 | 8 DO | 7789104xxx | 1 | R2416 | 1 | | | | |
| VE4002S2T2B2 | 8 DO | 7789104xxx | 1 | R2416 | 1 | | | | | |
| AI | VE4003S2B1 | 8 AI | 1350490xxx | 1 | A2508 | 1 | | | | |
| | VE4003S2B2 | 8 AI | 1350490xxx | 1 | A2508 | 1 | | | | |
| | VE4003S2B3 | 8 AI | 1350490xxx | 1 | A2508 | 1 | | | | |
| | VE4003S2B4 | 8 AI | 7789704xxx | 1 | A2508 | 1 | | | | |
| | VE4003S2B6 | 16 AI | 1350500xxx | 1 | A3716 | 1 | | | | |
| | VE4003S3B3 | 8 AI | 1350490xxx | 1 | A2508 | 1 | | | | |
| | VE4003S3B4 | 8 AI | 7789704xxx | 1 | A2508 | 1 | | | | |
| | VE4003S6B1 | 8 AI | 1350500xxx | 1 | A3716 | 1 | | | | |
| AO | VE4005S2B1 | 8 AO | 1350490xxx | 1 | A2508 | 1 | | | | |
| | VE4005S2B2 | 8 AO | 1350490xxx | 1 | A2508 | 1 | | | | |
| | VE4005S2B3 | 8 AO | 7789704xxx | 1 | A2508 | 1 | | | | |

Note A) Attention! Only use interfaces without LEDs

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- Cables 7789100xxx, 7789104xxx, 7789106xxx, 7789108xxx, 1350480xxx, 1350490xxx and 1350500xxx have wire-end ferrules at one end. These cables do not have a PLC connector. Colour code according to DIN 47100.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

PLC GE FANUC RX3i



A

| | PLC | | Cables | | Interfaces | | | | | |
|---------------------------|---------------------------------|---|------------|----------|-----------------------|----------|------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | IC694MDL230 | 8 DI | 2680670xxx | | R2416 | 1 | | | | |
| | IC694MDL231 | 8 DI | 2680670xxx | | R2416 | 1 | | | | |
| | IC694MDL240 | 16 DI | 2680650xxx | | R2416 | 1 | | | | |
| | IC694MDL241 | 16 DI, positive logic | 2680630xxx | | H2016 | 1 | I2016 | 1 | | |
| | IC694MDL250 | 16 DI | 7789631xxx | | R3632 | 1 | | | | |
| | IC694MDL260 | 32 DI | 7789632xxx | | R3632 | 1 | | | | |
| | IC694MDL634 | 8 DI, positive logic | 2680630xxx | | H2008 | 1 | | | | |
| | IC694MDL645 | 16 DI, positive logic | 2680630xxx | | H2016 | 1 | I2016 | 1 | | |
| | IC694MDL646 | 16 DI, positive logic | 2680630xxx | | H2016 | 1 | I2016 | 1 | | |
| | IC694MDL654 | 32 DI, positive logic | 7789066xxx | | H2016 | 2 | I2016 | 2 | | |
| IC694MDL655 | 32 DI, positive logic | 7789066xxx | | H2016 | 2 | I2016 | 2 | | | |
| IC694MDL660 | 32 DI | 7789619xxx | | H2016 | 2 | I2016 | 2 | | | |
| DO | IC694MDL310 | 12 DO | 2680660xxx | | R2416 | 1 | | | | |
| | IC694MDL340 | 16 DO | 2680660xxx | | R2416 | 1 | | | | |
| | IC694MDL350 | 16 DO | 7789631xxx | | R3632 | 1 | | | | |
| | IC694MDL390 | 5 DO | 7789636xxx | | R2416 | 1 | | | | |
| | IC694MDL732 | 8 DO | 2680640xxx | | H2008 | 1 | | | O2008 | 1 |
| | IC694MDL734 | 6 DO | 7789669xxx | | R2416 | 1 | | | | |
| | IC694MDL740 | 16 DO | 2680640xxx | | H2016 | 1 | | | O2016 | 1 |
| | IC694MDL741 ^{A)} | 16 DO | 2680640xxx | | H2016 | 1 | | | O2016N | 1 |
| | IC694MDL742 ^{B)} | 16 DO | 2680640xxx | | H2016 | 1 | | | O2016 | 1 |
| | IC694MDL752 ^{A)} | 32 DO | 7789066xxx | | H2016 | 2 | | | O2016N | 2 |
| | IC694MDL753 | 32 DO | 7789066xxx | | H2016 | 2 | | | O2016 | 2 |
| | IC694MDL754 | 32 DO | 7789618xxx | | H2016 | 2 | | | O2016 | 2 |
| | IC694MDL916 | 16 DO | 7789696xxx | | R3632 | 1 | | | | |
| | IC694MDL930 | 8 DO | 2680670xxx | | R2416 | 1 | | | | |
| IC694MDL931 | 8 DO | 7789665xxx | | R3632 | 1 | | | | | |
| IC694MDL940 | 16 DO | 7789666xxx | | R2416 | 1 | | | | | |
| AI | IC694ALG220 | 4 AI, voltage differential applications | 2680800xxx | | A1504 | 1 | | | | |
| | IC694ALG221 | 4 AI, voltage differential applications | 2680790xxx | | A1504 | 1 | | | | |
| | IC694ALG222 | 16 AI | 2680690xxx | | A2508 | 1 | | | | |
| | IC694ALG223 | 16 AI | 2680690xxx | | A2508 | 1 | | | | |
| | IC695ALG106 | 6 AI, current applications | 1373690xxx | | A2508 | 1 | | | | |
| | IC695ALG106 | 6 AI, voltage applications | 1373700xxx | | A2508 | 1 | | | | |
| | IC695ALG508 | 8 AI | 1338580xxx | | A3716 | 1 | | | | |
| | IC695ALG600 | 8 AI, resistance applications | 7789622xxx | | A3716 | 1 | | | | |
| | IC695ALG600 | 8 AI, voltage or current applications | 7789623xxx | | A3716 | 1 | | | | |
| | IC695ALG608 | 8 AI, common applications | 7789667xxx | | A2508 | 1 | | | | |
| | IC695ALG616 | 4 AI, differential applications | | | | | | | | |
| | IC695ALG616 | 8 AI, differential applications | 7789626xxx | | A3716 | 1 | | | | |
| IC695ALG616 | 4 AI, common mode applications | 7789798xxx | | A3716 | 1 | | | | | |
| IC695ALG626 ^{C)} | 8 AI, differential applications | 7789626xxx | | A3716 | 1 | | | | | |
| IC695ALG626 ^{C)} | 16 AI, common mode applications | 7789798xxx | | A3716 | 1 | | | | | |
| AO | IC694ALG390 | 2 AO | 2680700xxx | | A2508 | 1 | | | | |
| | IC694ALG391 | 2 AO | 2680700xxx | | A2508 | 1 | | | | |
| | IC694ALG392 | 8 AO, current applications | 2680770xxx | | A1504 | 1 | | | | |
| | IC694ALG392 | 8 AO, voltage applications | 2680780xxx | | A1504 | 1 | | | | |
| | IC695ALG704 | 4 AO | 7789668xxx | | A1504 | 1 | | | | |
| | IC695ALG708 | 8 AO | 7789625xxx | | A2508 | 1 | | | | |
| | IC695ALG728 ^{B)C)} | 8 AO | 7789625xxx | | A2508 | 1 | | | | |
| | IC695ALG808 | 8 AO | 7789621xxx | | A2508 | 1 | | | | |
| AI/AO | IC694ALG442 | 4 AI | 2680720xxx | | A3716 | 1 | | | | |
| | | 2 AO | | | | | | | | |
| DI/DO | IC695HCS308 | 8 DI | 1419430xxx | | H20 | 1 | | | | |
| | | 7 DO | | | | | | | | |

Note A) Attention! Use only interfaces without LEDs for the direct option. B) LEDs interfaces only possible if configured at 24 V DC
 C) Attention! Only use Interfaces without disconnectors and test points

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

PLC HONEYWELL C200



| | PLC | | Cables | | Interfaces | | | | | |
|----|------------------------------------|------------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | | | | | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | TC-IDA161 / TK-IDA161 | 16 DI | 7789031xxx | 1 | R2416 | 1 | | | | |
| | TC-IDD321 / TK-IDD321 | 32 DI | 7789041xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | TC-IDJ161 / TK-IDJ161 | 16 DI | 7789049xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | TC-IDK161 / TK-IDK161 | 16 DI | 7789030xxx | 1 | R3632 | 1 | | | | |
| | TC-IDW161 / TK-IDW161 | 16 DI | 7789030xxx | 1 | R3632 | 1 | | | | |
| | TC-IDX161 / TK-IDX161 | 16 DI | 7789049xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| DO | TC-ODA161 / TK-ODA161 | 16 DO | 7789056xxx | 1 | R2416 | 1 | | | | |
| | TC-ODD321 / TK-ODD321 | 32 DO | 7789042xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | TC-ODJ161 / TK-ODJ161 | 16 DO | 7789059xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | TC-ODK161 / TK-ODK161 | 16 DO | 7789030xxx | 1 | R3632 | 1 | | | | |
| | TC-ODX161 / TK-ODX161 | 16 DO | 7789040xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | TC-ORC081 / TK-ORC081 | 8 DO | 7789155xxx | 1 | R2416 | 1 | | | | |
| | TC-ORC161 / TK-ORC161 | 16 DO | 7789030xxx | 1 | R3632 | 1 | | | | |
| AI | TC-IAH061 / TK-IAH061 | 6 AI, current applications | 7789156xxx | 1 | A2508 | 1 | | | | |
| | TC-IAH061 / TK-IAH061 | 6 AI, voltage applications | 7789157xxx | 1 | A2508 | 1 | | | | |
| | TC-IAH161 / TK-IAH161 | 16 AI | 7789032xxx | 1 | A3716 | 1 | | | | |
| | TC-IXR061 / TK-IXR061 ^A | 6 AI, resistances 0 to 550 Ω | 7789158xxx | 1 | A2508 | 1 | | | | |
| AO | TC-OAH061 / TK-OAH061 | 6 AO | 7789159xxx | 1 | A2508 | 1 | | | | |
| | TC-OAV061 / TK-OAV161 | 6 AO | 7789157xxx | 1 | A2508 | 1 | | | | |
| | TC-OAV081 / TK-OAV081 | 8 AO, current applications | 7789037xxx | 1 | A2508 | 1 | | | | |
| | TC-OAV081 / TK-OAV081 | 8 AO, voltage applications | 7789038xxx | 1 | A2508 | 1 | | | | |

Note A) Only for 2-wires applications

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
 - The interfaces are intended to be used inside an IP20 enclosure at least.
 - The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.
- * In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

HONEYWELL – CONTROL EDGE

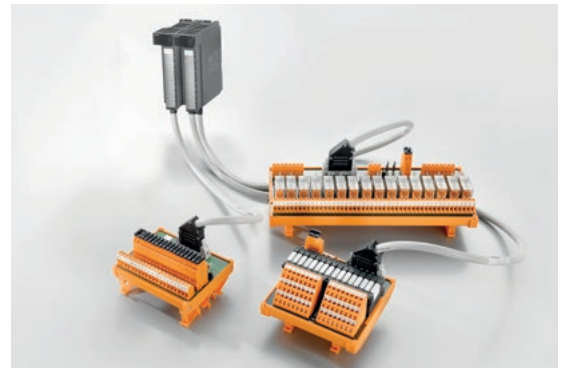
A

| | PLC | | Cables | | Interfaces | | | | | |
|-----|--------------------|--|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 900G03-0202 | 16 DI | 2857130xxx | 1 | R2416 | 1 | | | | |
| | 900G04-0101 | 16 DI | 2857140xxx | 1 | R2416 | 1 | | | | |
| | 900G32-0101 A) | 32 DI | 2789130xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| DO | 900G01-0202 | 16 DI | 2857440xxx | 1 | H20 | 1 | | | | |
| | 900H03-0202 | 8 DO | 2857150xxx | 1 | R2416 | 1 | | | | |
| | 900H01-0202 B) | 8DO | 2857460xxx | 1 | | | | | | |
| AI | 900H32-0102 | 32 DO | 2789390xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| | 900A16-0103 | 16 AI | 2789370xxx | 1 | A3716 | 1 | | | | |
| | 900B01-0301 | 4 AO | 2857120xxx | 1 | A1504 | 1 | | | | |
| AO | 900B08-0202 | 8 AO | 2789380xxx | 1 | A2508 | 1 | | | | |
| | 900U01-0100 | 16 UIO, Single power connection | 2789110xxx | 1 | A3716 | 1 | | | | |
| | 900U01-0100 | 16 UIO, Dual power connection | 2789120xxx | 1 | A2508 | 2 | | | | |
| UAI | 900A01-0202 | 8 UAI, 2-wires except Ohms Input configuration | 2857110xxx | 1 | A2508 | 1 | | | | |
| | AI/AO | 4 AI/AO | 2857450xxx | 1 | A25 | 1 | | | | |

Note
 A) Only possible if configured at 24 V DC.
 B) Connect with terminal block.
 C) Connection 1 to 1 between interface and I/O card.

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
 - The interfaces are intended to be used inside an IP20 enclosure at least.
 - The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.
- * In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

PLC MITSUBISHI MELSEC Q



| | PLC | | Cables | | Interfaces | | | | | |
|---------|------------------------|----------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | | | | | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | QX10 | 16 DI | 7789104xxx | 1 | R2416 | 1 | | | | |
| | QX40 ^{A)} | 16 DI | 7789100xxx | 1 | H2016 | 1 | | | | |
| | QX40-S1 ^{A)} | 16 DI | 7789100xxx | 1 | H2016 | 1 | | | | |
| | QX41 ^{A)} | 32 DI | 7789681xxx | 1 | H2016 | 2 | | | | |
| | QX41-S1 ^{A)} | 32 DI | 7789681xxx | 1 | H2016 | 2 | | | | |
| | QX42 ^{A)} | 64 DI | 7789681xxx | 2 | H2016 | 4 | | | | |
| | QX42-S1 ^{A)} | 64 DI | 7789681xxx | 2 | H2016 | 4 | | | | |
| | QX50 | 16 DI | 7789104xxx | 1 | R2416 | 1 | | | | |
| | QX70 ^{A)} | 16 DI | 7789100xxx | 1 | H2016 | 1 | | | | |
| | QX71 ^{A)} | 32 DI | 7789681xxx | 1 | H2016 | 2 | | | | |
| | QX72 ^{A)} | 64 DI | 7789681xxx | 2 | H2016 | 4 | | | | |
| | QX80 | 16 DI | 7789100xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | QX81 | 32DI | 7789682xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| QX82 | 64 DI | 7789683xxx | 2 | H2016 | 4 | I2016 | 4 | | | |
| QX82-S1 | 64 DI | 7789683xxx | 2 | H2016 | 4 | I2016 | 4 | | | |
| DO | QY10 | 16 DO | 7789104xxx | 1 | R2416 | 1 | | | | |
| | QY18A | 8 DO | 7789104xxx | 1 | R2416 | 1 | | | | |
| | QY22 | 16 DO | 7789104xxx | 1 | R2416 | 1 | | | | |
| | QY40P ^{B)} | 16 DO | 7789100xxx | 1 | H2016 | 1 | | | 02016N | 1 |
| | QY41P ^{B)} | 32 DO | 7789708xxx | 1 | H2016 | 2 | | | 02016N | 2 |
| | QY42P ^{B)} | 64 DO | 7789708xxx | 2 | H2016 | 4 | | | 02016N | 4 |
| | QY50 ^{B)} | 16 DO | 7789100xxx | 1 | H2016 | 1 | | | 02016N | 1 |
| | QY68A | 8 DO | 7789100xxx | 1 | H2016 | 1 | | | 02016 | 1 |
| | QY70 ^{B)} | 16 DO | 7789100xxx | 1 | H2016 | 1 | | | 02016N | 1 |
| | QY71 ^{B)} | 32 DO | 7789708xxx | 1 | H2016 | 2 | | | 02016N | 2 |
| | QY80 | 16 DO | 7789100xxx | 1 | H2016 | 1 | | | 02016 | 1 |
| | QY81 | 32DO | 7789709xxx | 1 | H2016 | 2 | | | 02016 | 2 |
| | QY81P | 32DO | 7789709xxx | 1 | H2016 | 2 | | | | |
| DI/DO | QH42P ^{B)} | 32 DI | 7789681xxx | 1 | H2016 | 2 | | | | |
| | | 32 DO | 7789708xxx | 1 | H2016 | 2 | | | 02016N | 2 |
| | QX41Y41P ^{B)} | 32 DI | 7789681xxx | 1 | H2016 | 2 | | | | |
| | | 32 DO | 7789708xxx | 1 | H2016 | 2 | | | 02016N | 2 |
| | QX48Y57 ^{B)} | 8 DI | 7789100xxx | 2 | H2016 | 1 | | | | |
| 7 DO | | H2016 | | | 1 | | | 02016N | 1 | |
| AI | Q62AD-DGH | 2 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| | Q64AD | 4 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| | Q64AD-GH | 4 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| | Q68AD-G | 8 AI, current applications | 7789684xxx | 1 | A2508 | 1 | | | | |
| | Q68AD-G | 8 AI, voltage applications | 7789685xxx | 1 | A2508 | 1 | | | | |
| | Q68ADI | 8 AI | 1350490xxx | 1 | A2508 | 1 | | | | |
| | Q68ADV | 8 AI | 1350490xxx | 1 | A2508 | 1 | | | | |
| AO | Q62DA | 2 AO | 1350480xxx | 1 | A1504 | 1 | | | | |
| | Q62DA-FG | 2AO | 1350480xxx | 1 | A1504 | 1 | | | | |
| | Q62DAN | 2 AO | 1350480xxx | 1 | A1504 | 1 | | | | |
| | Q64DA | 4 AO | 1350480xxx | 1 | A1504 | 1 | | | | |
| | Q64DAN | 4 AO | 1350480xxx | 1 | A1504 | 1 | | | | |
| | Q66DA-G | 6 AO, current applications | 7789710xxx | 1 | A2508 | 1 | | | | |
| | Q66DA-G | 6 AO, voltage applications | 7789711xxx | 1 | A2508 | 1 | | | | |
| | Q68DAI | 8 AO | 1350490xxx | 1 | A2508 | 1 | | | | |
| | Q68DAIN | 8 AO | 1350490xxx | 1 | A2508 | 1 | | | | |
| | Q68DAV | 8 AO | 1350490xxx | 1 | A2508 | 1 | | | | |
| | Q68DAVN | 8 AO | 1350490xxx | 1 | A2508 | 1 | | | | |

Note
A) Attention! Only use interfaces without LEDs
B) Attention! Use only interfaces without LEDs for the direct option.

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC MOELLER XIOC

A

| | PLC | | Cables | | Interfaces | | | | | |
|--------------------|------------------------------------|-------------------------------------|------------|------------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | | | | | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | XIOC-16DI | 16 DI, positive logic | 7789862xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DI, negative logic ^{A)} | 7789863xxx | 1 | H2016 | 1 | | | | |
| | XIOC-16DI-AC | 16 DI | 7789864xxx | 1 | R2416 | 1 | | | | |
| | XIOC-16DI-AC110 | 16 DI | 7789864xxx | 1 | R2416 | 1 | | | | |
| | XIOC-32DI | 32 DI, positive logic | 7789771xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | | 32 DI, negative logic ^{A)} | 7789768xxx | 1 | H2016 | 2 | | | | |
| XIOC-8DI | 8 DI, positive logic | 7789862xxx | 1 | H2008 | 1 | | | | | |
| | 8 DI, negative logic ^{A)} | 7789863xxx | 1 | H2016 | 1 | | | | | |
| DO | XIOC-12DO-R ^{B)} | 12 DO | 7789871xxx | 1 | R2416 | 1 | | | | |
| | | 16 DO | 7789865xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | XIOC-16DO-S | 16 DO | 7789865xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | XIOC-32DO | 32 DO | 7789866xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| | XIOC-8DO | 8 DO | 7789865xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| DI/DO | XIOC-16DX | 16 DI | 7789872xxx | 1 | H2016 | 1 | | | | |
| | | 16 DO | | | | | | | | |
| AI | XIOC-8AI-U2 | 8 AI | 7789867xxx | 1 | A2508 | 1 | | | | |
| | | XIOC-8AI-U1 | 8 AI | 7789867xxx | 1 | A2508 | 1 | | | |
| | | XIOC-8AI-U2 | 8 AI | 7789867xxx | 1 | A2508 | 1 | | | |
| AO | XIOC-2AO-U1-2AO-U2 | 4 AO | 7789868xxx | 1 | A1504 | 1 | | | | |
| | | 2 AO | 7789868xxx | 1 | A1504 | 1 | | | | |
| | | XIOC-4AO-U1 | 4 AO | 7789868xxx | 1 | A1504 | 1 | | | |
| | | XIOC-4AO-U2 | 4 AO | 7789868xxx | 1 | A1504 | 1 | | | |
| AI/AO | XIOC-2AI-1AO-U1 | 2 AI | 7789870xxx | 1 | A1504 | 1 | | | | |
| | | 2 AO | | | | | | | | |
| | XIOC-2AI-1AO-U1-I1 | 2 AI | 7789870xxx | 1 | A1504 | 1 | | | | |
| | | 2 AO | | | | | | | | |
| | XIOC-4AI-2AO-U1 | 4 AI | 7789869xxx | 1 | A2508 | 1 | | | | |
| | | 2 AO | | | | | | | | |
| XIOC-4AI-2AO-U1-I1 | 4 AI | 7789869xxx | 1 | A2508 | 1 | | | | | |
| | 2 AO | | | | | | | | | |

Note
 A) Attention! Only use interfaces without LEDs
 B) The 24 V DC power supply should be provided externally

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC OMRON – CJ1W



| | PLC | | Cables | | Interfaces | | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | | | | | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | IA111 | 16 DI | 7789664xxx | 1 | R2416 | 1 | | | | |
| | ID211 | 16 DI, positive logic | 7789645xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DI, negative logic ^{A)} | 7789833xxx | 1 | H2016 | 1 | | | | |
| | ID231 | 32 DI, positive logic | 7789771xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | | 32 DI, negative logic ^{A)} | 7789768xxx | 1 | H2016 | 2 | | | | |
| | ID232 | 32 DI, positive logic | 7789772xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | | 32 DI, negative logic ^{A)} | 7789767xxx | 1 | H2016 | 2 | | | | |
| | ID261 | 64 DI, positive logic | 7789771xxx | 2 | H2016 | 4 | I2016 | 4 | | |
| 64 DI, negative logic ^{A)} | | 7789768xxx | 2 | H2016 | 4 | | | | | |
| ID262 | 64 DI, positive logic | 7789772xxx | 2 | H2016 | 4 | I2016 | 4 | | | |
| | 64 DI, negative logic ^{A)} | 7789767xxx | 2 | H2016 | 4 | | | | | |
| DO | OC201 | 8 DO | 7789649xxx | 1 | R2416 | 1 | | | | |
| | OC211 | 16 DO | 7789664xxx | 1 | R2416 | 1 | | | | |
| | OD201 ^{B)} | 8 DO | 7789650xxx | 1 | H2016 | 1 | | | O2016N | 1 |
| | OD202 | 8 DO | 7789650xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | OD211 ^{B)} | 16 DO | 7789794xxx | 1 | H2016 | 1 | | | O2016N | 2 |
| | OD212 | 16 DO | 7789794xxx | 1 | H2016 | 1 | | | O2016 | 2 |
| | OD231 ^{B)} | 32 DO | 7789793xxx | 1 | H2016 | 2 | | | O2016N | 2 |
| | OD232 | 32 DO | 7789373xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| | OD233 ^{B)} | 32 DO | 7789373xxx | 1 | H2016 | 2 | | | O2016N | 2 |
| | OD261 ^{B)} | 64 DO | 7789793xxx | 2 | H2016 | 4 | | | O2016N | 4 |
| | OD262 | 64 DO | 7789373xxx | 2 | H2016 | 4 | | | O2016 | 4 |
| | OD263 ^{B)} | 64 DO | 7789373xxx | 2 | H2016 | 4 | | | O2016N | 4 |
| DI/DO | MD232 | 16 DI, positive logic | 7789328xxx | 1 | H2016 | 1 | | | | |
| | | 16 DO | 7789329xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | MD232 ^{C)} | 16 DI, negative logic | 7789329xxx | 1 | H2016 | 1 | | | | |
| | | 16 DO | 7789329xxx | 1 | H2016 | 1 | | | O2016 | 1 |

Note
A) Attention! Only use interfaces without LEDs
B) Attention! Use only interfaces without LEDs for the direct option.
C) Attention! Use only interfaces without LEDs for the direct input option

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

PLC ROCKWELL – COMPACT LOGIX



A

| | PLC | | Cables | | Interfaces | | | | | |
|-------------------------|-------------------------|-------------------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 1769-IA16 | 16 DI | 7789025xxx | 1 | R2416 | 1 | | | | |
| | 1769-IA8I | 8 DI | 7789016xxx | 1 | R2416 | 1 | | | | |
| | 1769-IM12 | 12 DI | 7789025xxx | 1 | R2416 | 1 | | | | |
| | 1769-IQ16 | 16 DI, positive logic | 7789770xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DI, negative logic ^{A)} | 7789831xxx | 1 | H2016 | 1 | | | | |
| | 1769-IQ16F | 16 DI, positive logic | 7789770xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DI, negative logic ^{A)} | 7789831xxx | 1 | H2016 | 1 | | | | |
| | 1769-IQ32 | 32 DI, positive logic | 7789770xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | | | 7789695xxx | 1 | | | | | | |
| 1769-IQ32 ^{A)} | 32 DI, negative logic | 7789831xxx | 1 | H2016 | 2 | | | | | |
| | | 7789832xxx | 1 | | | | | | | |
| 1769-IQ32T | 32 DI, positive logic | 1489160xxx | 1 | H2016 | 2 | I2016 | 2 | | | |
| | | 1489180xxx | 1 | | | | | | | |
| DO | 1769-OA16 | 16 DO | 7789024xxx | 1 | R2416 | 1 | | | | |
| | 1769-OB16 | 16 DO | 7789769xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 1769-OB16P | 16 DO | 7789769xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | | | 7789697xxx | 1 | | | | | O2016 | 2 |
| | 1769-OB32 | 32 DO | 1489170xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| | 1769-OB32T | 32 DO | 7789015xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | 1769-OB8 | 8 DO | 7789769xxx | 1 | H2016 | 1 | | | | |
| | 1769-OV16 ^{A)} | 16 DO | 7789024xxx | 1 | R2416 | 1 | | | | |
| | 1769-OW16 | 16 DO | 7789016xxx | 1 | R2416 | 1 | | | | |
| 1769-OW8I | 8 DO | 7789026xxx | 1 | A1504 | 1 | | | | | |
| AI | 1769-IF4 | 4 AI, current applications | 7789046xxx | 1 | A1504 | 1 | | | | |
| | 1769-IF4 | 4 AI, voltage applications | 7789027xxx | 1 | A1504 | 1 | | | | |
| | 1769-IF4I | 4 AI, current applications | 7789047xxx | 1 | A1504 | 1 | | | | |
| | 1769-IF4I | 4 AI, voltage applications | 7789028xxx | 1 | A2508 | 1 | | | | |
| | 1769-IF8 | 8 AI, voltage applications | 7789045xxx | 1 | A2508 | 1 | | | | |
| AO | 1769-OF2 | 2 AO | 7789029xxx | 1 | A1504 | 1 | | | | |
| | 1769-OF4CI | 4 AO | 7789043xxx | 1 | A1504 | 1 | | | | |
| | 1769-OF8C | 8 AO | 7789044xxx | 1 | A2508 | 1 | | | | |
| | 1769-OF8V | 8 AO | 7789044xxx | 1 | A2508 | 1 | | | | |

Note A) Attention! Only use interfaces without LEDs

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC ROCKWELL – CONTROL LOGIX



| | PLC | | Cables | | Interfaces | | | | | |
|-------------|------------------------|------------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 1756-IA16 | 16 DI | 7789031xxx | 1 | R2416 | 1 | | | | |
| | 1756-IA16I | 16 DI | 7789030xxx | 1 | R3632 | 1 | | | | |
| | 1756-IB16 | 16 DI | 7789039xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | 1756-IB16D | 16 DI | 7789049xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | 1756-IB16I | 16 DI | 7789049xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | 1756-IB32 | 32 DI | 7789041xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | 1756-IC16 | 16 DI | 7789031xxx | 1 | R2416 | 1 | | | | |
| | 1756-IH16I | 16 DI | 7789030xxx | 1 | R3632 | 1 | | | | |
| | 1756-IM16I | 16 DI | 7789030xxx | 1 | R3632 | 1 | | | | |
| 1756-IN16 | 16 DI | 7789031xxx | 1 | R3632 | 1 | | | | | |
| DO | 1756-OA16 | 16 DO | 7789056xxx | 1 | R3632 | 1 | | | | |
| | 1756-OA16I | 16 DO | 7789030xxx | 1 | R3632 | 1 | | | | |
| | 1756-OB16D | 16 DO | 7789040xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 1756-OB16E | 16 DO | 7789058xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 1756-OB16I | 16 DO | 7789059xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 1756-OB32 | 32 DO | 7789042xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| | 1756-OB8 | 8 DO | 7789151xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | 1756-OB8EI | 8 DO | 7789152xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | 1756-OC8 | 8 DO | 7789153xxx | 1 | R2416 | 1 | | | | |
| | 1756-OH8I | 8 DO | 7789154xxx | 1 | R2416 | 1 | | | | |
| | 1756-OV16E | 16 DO | 7789058xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 1756-OW16I | 16 DO | 7789030xxx | 1 | R3632 | 1 | | | | |
| | 1756-OW16I | 16 DO ^{A)} | 7789059xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 1756-OX8I | 8 DO | 7789155xxx | 1 | R2416 | 1 | | | | |
| AI | 1756-IF16 / 1756-IF16H | 16 AI | 7789032xxx | 1 | A3716 | 1 | | | | |
| | 1756-IF6I | 6 AI, current applications | 7789156xxx | 1 | A2508 | 1 | | | | |
| | 1756-IF6I | 6 AI, voltage applications | 7789157xxx | 1 | A2508 | 1 | | | | |
| | 1756-IF8 | 8 AI, current applications | 7789035xxx | 1 | A2508 | 1 | | | | |
| | 1756-IF8 | 8 AI, voltage applications | 7789036xxx | 1 | A2508 | 1 | | | | |
| | 1756-IR6I | 6 AI | 7789158xxx | 1 | A2508 | 1 | | | | |
| | 1756-IF8IH | 8 AI | 2733480xxx | 1 | A2508 | 1 | | | | |
| 1756-IF16IH | 16AI | 2733490xxx | 1 | A3716 | 1 | | | | | |
| AO | 1756-OF4 | 4 AO, current applications | 7789033xxx | 1 | A1504 | 1 | | | | |
| | 1756-OF4 | 4 AO, voltage applications | 7789034xxx | 1 | A1504 | 1 | | | | |
| | 1756-OF6CI | 6 AO, resistances 0 to 550 Ω | 7789159xxx | 1 | A2508 | 1 | | | | |
| | 1756-OF6VI | 6 AO | 7789157xxx | 1 | A2508 | 1 | | | | |
| | 1756-OF8/ 1756-OF8H | 8 AO, current applications | 7789037xxx | 1 | A2508 | 1 | | | | |
| | 1756-OF8/ 1756-OF8H | 8 AO, voltage applications | 7789038xxx | 1 | A2508 | 1 | | | | |
| 1756-OF8IH | 8 AI | 2733480xxx | 1 | A2508 | 1 | | | | | |

Hinweis A) Only valid for 24Vdc voltage

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

PLC ROCKWELL – MICRO LOGIX 1400

A

| | PLC | | Cables | | Interfaces | | | | | |
|-------|--------------------------|---------------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 1762-IQ16 | 16 DI | 7789100xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | 1762-IQ8 | 8 DI | 7789100xxx | 1 | H2008 | 1 | | | | |
| DO | 1762-OB16 | 16 DO | 7789100xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 1762-OB8 | 8 DO | 7789100xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | 1762-OV32T ^{A)} | 32 DO | 7789006xxx | 1 | H2016 | 2 | | | O2016N | 2 |
| | 1762-OW16 | 16 DO | 7789104xxx | 1 | R2416 | 1 | | | | |
| | 1762-OX6I | 6 DO | 7789106xxx | 1 | R3632 | 1 | | | | |
| AI | 1762-IF4 | 4 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| | 1762-IR4 | 4 AI, 2-wire applications | 1350480xxx | 1 | A1504 | 1 | | | | |
| | 1762-IR4 ^{B)} | 4 AI, 3 and 4-wire applications | 1350490xxx | 1 | A2508 | 1 | | | | |
| AO | 1762-OF4 | 4 AO | 1350480xxx | 1 | A1504 | 1 | | | | |
| AI/AO | 1762-IF20F2 | 2 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| | | 2 AO | | | | | | | | |

Note
 A) Attention! Use only interfaces without LEDs for the direct option.
 B) Attention! Only use Interfaces without disconnectors and test points

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces.
 In some cases, the card can work at higher voltages than those indicated in the interface.
 - Cables 7789100xxx, 7789104xxx, 7789106xxx, 7789108xxx, 1350480xxx, 1350490xxx and 1350500xxx have wire-end ferrules at one end. These cables do not have a PLC connector. Colour code according to DIN 47100.
 - The interfaces are intended to be used inside an IP20 enclosure at least.
 - The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.
- * In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

PLC SCHNEIDER – M258

| | PLC | | Cables | | Interfaces | | | | | |
|-------|--------------------|-------------------------|------------|----------|-----------------------|----------|------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | TM5SDI12D | 12 DI | 7789840xxx | 1 | H2016 | 1 | | | | |
| | TM5SDI2D | 2 DI | 7789100xxx | 1 | H20 | 1 | | | | |
| | TM5SDI4D | 4 DI | 7789100xxx | 1 | H20 | 1 | | | | |
| | TM5SDI6D | 6 DI | 7789100xxx | 1 | H20 | 1 | | | | |
| DO | TM5SDO12T | 12 DO | 7789840xxx | 1 | H2016 | 1 | | | 02016 | 1 |
| | TM5SDO2T | 2 DO | 7789100xxx | 1 | H20 | 1 | | | | |
| | TM5SDO4T | 4 DO | 7789100xxx | 1 | H20 | 1 | | | | |
| | TM5SDO4TA | 4 DO | 7789100xxx | 1 | H20 | 1 | | | | |
| | TM5SDO6T | 6 DO | 7789100xxx | 1 | H20 | 1 | | | | |
| | TM5SDO8TA | 8 DO | 7789857xxx | 1 | H2008 | 1 | | | 02008 | 1 |
| DI/DO | TM5SDM12DT | 8 DI | 7789859xxx | 1 | H2008 | 1 | | | | |
| | | 4 DO | | | H2008 | 1 | | | 02008 | 1 |
| AI | TM5SAI2PH | 2 AI | 7789841xxx | 1 | A15 | 1 | | | | |
| | TM5SAI4PH | 4 AI | 7789841xxx | 1 | A15 | 1 | | | | |

Note

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces.
In some cases, the card can work at higher voltages than those indicated in the interface.
 - Cables 7789100xxx, 7789104xxx, 7789106xxx, 7789108xxx, 1350480xxx, 1350490xxx and 1350500xxx have wire-end ferrules at one end. These cables do not have a PLC connector. Colour code according to DIN 47100.
 - The interfaces are intended to be used inside an IP20 enclosure at least.
 - The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.
- * In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

PLC SCHNEIDER – M340 / M580



A

| | PLC | | Cables | | Interfaces | | | | | | |
|--------------|----------------------------|-------------------------------------|----------------------------|------------|-----------------------|----------|------------------|----------|-------------------|----------|--|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity | |
| DI | BMX DAI 1602 | 16 DI, negative logic ^{A)} | 7789630xxx | 1 | H2016 | 1 | | | | | |
| | | 16 DI, positive logic | 7789382xxx | 1 | R2416 | 1 | | | | | |
| | BMX DAI 1603 | 16 DI | 7789382xxx | 1 | R2416 | 1 | | | | | |
| | BMX DAI 1604 | 16 DI | 7789382xxx | 1 | R2416 | 1 | | | | | |
| | BMX DDI 1602 | 16 DI | 7789380xxx | 1 | H2016 | 1 | I2016 | 1 | | | |
| | BMX DDI 1603 | 16 DI | 7789382xxx | 1 | R2416 | 1 | | | | | |
| DO | BMX DDI 3202 K | 32 DI | 7789387xxx | 1 | H2016 | 2 | I2016 | 2 | | | |
| | BMX DDI 6402 K | 64 DI | 7789387xxx | 2 | H2016 | 4 | I2016 | 4 | | | |
| | BMX DAO 1605 | 16 DO | 7789383xxx | 1 | R2416 | 1 | | | | | |
| | BMX DDO 1602 | 16 DO | 7789380xxx | 1 | H2016 | 1 | | | O2016 | 1 | |
| | BMX DDO 1612 ^{B)} | 16 DO | 7789380xxx | 1 | H2016 | 1 | | | O2016N | 1 | |
| | BMX DDO 3202 K | 32 DO | 7789387xxx | 1 | H2016 | 2 | | | O2016 | 2 | |
| DI/DO | BMX DDM 16022 | 8 DI | 7789386xxx | 1 | H2008 | 1 | | | | | |
| | | 8 DO | | | H2008 | 1 | | | O2008 | 1 | |
| | BMX DDM 3202 K | 16 DI | 7789387xxx | 1 | H2016 | 1 | | | | | |
| | | 16 DO | | | H2016 | 1 | | | O2016 | 1 | |
| | AI | BMX AMI 0410 | 4 AI, current applications | 7789638xxx | 1 | A1504 | 1 | | | | |
| | | BMX AMI 0410 | 4 AI, voltage applications | 7789637xxx | 1 | A1504 | 1 | | | | |
| BMX ART 0414 | | 4 AI | 7789639xxx | 1 | A3716 | 1 | | | | | |
| BMX AMI 0810 | | 8AI, current applications | 7789846xxx | 1 | A2508 | 1 | | | | | |
| BMX AMI 0800 | | 8AI, current applications | 7789846xxx | 1 | A2508 | 1 | | | | | |
| BMX AMI 0800 | | 8AI, voltage/current applications | 1479600xxx | 1 | H40 | 1 | | | | | |
| AO | BMX ART 0814 | 8 AI | 7789639xxx | 2 | A3716 | 2 | | | | | |
| | BMX AMO 0210 | 2 AO | 7789640xxx | 1 | A1504 | 1 | | | | | |
| | BMX AMO 0410 | 4 AO | 7789637xxx | 1 | A1504 | 1 | | | | | |
| AI/AO | BMX AMO 0802 | 8 AO | 7789847xxx | 1 | A2508 | 1 | | | | | |
| | BMX AMM 0600 | 4 AI + 2 AO, current applications | 7789629xxx | 1 | A1504 | 2 | | | | | |
| | BMX AMM 0600 | 4 AI + 2 AO, voltage applications | 7789628xxx | 1 | A1504 | 2 | | | | | |

Note
 A) Attention! Only use interfaces without LEDs
 B) Attention! Use only interfaces without LEDs for the direct option.

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC SCHNEIDER – MICRO



| | PLC | | Cables | | Interfaces | | | | | |
|-------------|----------------------------|-------------------------|------------|------------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | | | | | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | TSX DEZ 12D2 ^{A)} | 12 DI | 7789312xxx | 1 | H2016 | 1 | | | | |
| | TSX DEZ 12D2K | 12 DI | 7789301xxx | 1 | H2016 | 1 | | | | |
| | TSX DEZ 32D2 | 32 DI | 7789314xxx | 1 | H2016 | 2 | | | | |
| DO | TSX DSZ 32R5 | 32 DO | 7789330xxx | 1 | R3632 | 1 | | | | |
| | TSX DSZ 32T2 | 32 DO | 7789314xxx | 1 | H2016 | 2 | | | | |
| | TSX DSZ 04T22 | 4 DO | 7789312xxx | 1 | H2008 | 1 | | | 02008 | 1 |
| | TSX DSZ 08R5 | 16 DO | 7789308xxx | 1 | R2416 | 1 | | | | |
| | TSX DSZ 08T2 | 8 DO | 7789312xxx | 1 | H2008 | 1 | | | 02008 | 1 |
| | TSX DSZ 08T2K | 8 DO | 7789301xxx | 1 | H2008 | 1 | | | 02008 | 1 |
| | | | | | | H2008 | 1 | | | |
| DI/DO | TSX DMZ 16DTK | 8 DI 8 DO | 7789834xxx | 1 | H2008 H2008 | 1 1 | | | 02008 | 1 |
| | TSX DMZ 28AR | 16 DI 12 DO | 7789331xxx | 1 | R2416 R2416 | 1 1 | | | | |
| | TSX DMZ 28DR | 16 DI 12 DO | 7789331xxx | 1 | R2416 R2416 | 1 1 | | | | |
| | TSX DMZ 28DT | 16 DI 12 DO | 7789313xxx | 1 | H2016 H2016 | 1 1 | | | 02016 | 1 |
| | TSX DMZ 28DTK | 16 DI 12 DO | 7789301xxx | 1 | H2016 | 1 | | | 02016 | 1 |
| | | | | | | H2016 | 1 | | | |
| | TSX DMZ 28DTK | 16 DI 12 DO | 7789301xxx | 1 | H2016 | 1 | | | 02016 | 1 |
| | | | | | | H2016 | 1 | | | |
| | TSX DMZ 64DTK | 32 DI 32 DO | 7789301xxx | 2 | H2016 | 2 | | | 02016 | 2 |
| | | | | | | H2016 | 2 | | | |
| | | | | | | H2016 | 2 | | | |
| | AI | TSX AEZ 414 | 4 AI | 7789309xxx | 1 | A1504 | 1 | | | |
| TSX AEZ 801 | | 8 AI | 7789311xxx | 1 | A2508 | 1 | | | | |
| TSX AEZ 802 | | 8 AI | 7789311xxx | 1 | A2508 | 1 | | | | |
| AO | TSX ASZ 200 | 2 AO | 7789310xxx | 1 | A1504 | 1 | | | | |
| | TSX ASZ 401 | 4 AO | 7789310xxx | 1 | A1504 | 1 | | | | |

Note A) Attention! Only use interfaces without LEDs

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
 - The interfaces are intended to be used inside an IP20 enclosure at least.
 - The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.
- * In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

PLC SCHNEIDER – QUANTUM



A

| | PLC | | Cables | | Interfaces | | | | | |
|----------------|--------------------|---------------------------------------|------------|----------|-----------------------|----------|------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 140 DAI 340 00 | 16 DI | 7789118xxx | 1 | R3632 | 1 | | | | |
| | 140 DAI 353 00 | 32 DI | 7789118xxx | 1 | R3632 | 1 | | | | |
| | 140 DAI 440 00 | 16 DI | 7789118xxx | 1 | R3632 | 1 | | | | |
| | 140 DAI 453 00 | 32 DI | 7789118xxx | 1 | R3632 | 1 | | | | |
| | 140 DAI 540 00 | 16 DI | 7789118xxx | 1 | R3632 | 1 | | | | |
| | 140 DAI 543 00 | 16 DI | 7789113xxx | 1 | R2416 | 1 | | | | |
| | 140 DAI 553 00 | 32 DI | 7789118xxx | 1 | R3632 | 1 | | | | |
| | 140 DAI 740 00 | 16 DI | 7789118xxx | 1 | R3632 | 1 | | | | |
| | 140 DDI 353 00 | 32 DI | 7789121xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | 140 DDI 364 00 | 96 DI | 7789301xxx | 6 | H2016 | 6 | I2016 | 6 | | |
| | 140 DDI 841 00 | 16 DI | 7789119xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| 140 DDI 853 00 | 32 DI | 7789121xxx | 1 | H2016 | 2 | I2016 | 2 | | | |
| DO | 140 DAO 840 00 | 16 DO | 7789118xxx | 1 | R3632 | 1 | | | | |
| | 140 DAO 842 10 | 16 DO | 7789113xxx | 1 | R2416 | 1 | | | | |
| | 140 DDO 353 00 | 32 DO | 7789121xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| | 140 DDO 364 00 | 96 DO | 7789301xxx | 6 | H2016 | 6 | | | O2016 | 6 |
| | 140 DDO 843 00 | 16 DO | 7789120xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| 140 DRA 840 00 | 16 DO | 7789118xxx | 1 | R3632 | 1 | | | | | |
| DI/DO | 140 DDM 390 00 | 16 DI | 7789133xxx | 1 | H2016 | 1 | | | | |
| | | 8 DO | | | H2008 | 1 | | | O2008 | 1 |
| AI | 140 ACI 030 00 | 8 AI, current applications | 7789125xxx | 1 | A2508 | 1 | | | | |
| | 140 ACI 030 00 | 8 AI, voltage applications | 7789134xxx | 1 | A2508 | 1 | | | | |
| | 140 ACI 040 00 | 16 AI | 7789123xxx | 1 | A3716 | 1 | | | | |
| | 140 AII 330 00 | 8 AI, 2-wire resistances applications | 7789136xxx | 1 | A2508 | 1 | | | | |
| | 140 ARI 030 10 | 8 AI, 2-wire resistances applications | 7789135xxx | 1 | A2508 | 1 | | | | |
| | 140 AVI 030 00 | 8 AI, current applications | 7789125xxx | 1 | A2508 | 1 | | | | |
| AO | 140 AVO 030 00 | 8 AI, voltage applications | 7789134xxx | 1 | A2508 | 1 | | | | |
| | 140 ACO 020 00 | 4 AO | 7789124xxx | 1 | A1504 | 1 | | | | |
| | 140 ACO 130 00 | 8 AO, without monitoring | 7789126xxx | 1 | A2508 | 1 | | | | |
| | 140 AIO 330 00 | 8 AIO | 7789137xxx | 1 | A2508 | 1 | | | | |

Note

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
 - The interfaces are intended to be used inside an IP20 enclosure at least.
 - The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.
- * In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC SCHNEIDER – TM3

| | PLC | | Cables | | Interfaces | | | | | |
|-------|------------------------------------|-------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | TM3DI8A | 8DI | 2858220xxx | 1 | R2416 | 1 | | | | |
| | TM3DI8 / TM3DI8G | 8DI, positive logic | 2857910xxx | 1 | H2008 | 1 | I2016 | 1 | | |
| | TM3DI16 / TM3DI16G | 16DI, positive logic | 2857920xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | TM3DI16K | 16DI, positive logic | 2534060xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | TM3DI32K | 32DI, positive logic | 2534060xxx | 2 | H2016 | 2 | I2016 | 2 | | |
| DO | TM3DQ8R / TM3DQ8RG ^{B)} | 8DO, positive logic | 2857930xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | TM3DQ8T / TM3DQ8TG | 8DO | 2857940xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | TM3DQ8U / TM3DQ8UG ^{A)} | 8DO | 2857950xxx | 1 | H2008 | 1 | | | O2008N | 1 |
| | TM3DQ16R / TM3DQ16RG ^{B)} | 16DO, positive logic | 2857960xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | TM3DQ16T / TM3DQ16TG | 16DO | 2857970xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | TM3DQ16U / TM3DQ16UG ^{A)} | 16DO | 2858090xxx | 1 | H2016 | 1 | | | O2016N | 1 |
| | TM3DQ16TK | 16DO | 7789329xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | TM3DQ16UK ^{A)} | 16DO | 2858110xxx | 1 | H2016 | 1 | | | O2016N | 1 |
| | TM3DQ32TK | 32DO | 7789329xxx | 2 | H2016 | 2 | | | O2016 | 2 |
| | TM3DQ32UK ^{A)} | 32DO | 2858110xxx | 2 | H2016 | 2 | | | O2016N | 2 |
| DI/DO | TM3DM24R / TM3DM24RG ^{B)} | 16DI | 2858120xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 8DO, positive logic | 2857930xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| AI | TM3AI2H / TM3AI2HG | 2AI | 2858130xxx | 1 | A1504 | 1 | | | | |
| | TM3AI4 / TM3AI4G | 4AI | 2858140xxx | 1 | A1504 | 1 | | | | |
| | TM3AI8 / TM3AI8G | 8AI | 2858150xxx | 1 | A2508 | 1 | | | | |
| | TM3TI4 / TM3TI4G | 4AI | 2858140xxx | 1 | A1504 | 1 | | | | |
| AO | TM3AQ2 / TM3AQ2G | 2AO | 2858160xxx | 1 | A1504 | 1 | | | | |
| | TM3AQ4 / TM3AQ4G | 4AO | 2858170xxx | 1 | A1504 | 1 | | | | |
| AI/O | TM3AM6 / TM3AM6G | 4AI | 2858180xxx | 1 | A2508 | 1 | | | | |
| | | 2AO | | | | | | | | |
| | TM3TM3 / TM3TM3G | 2AI | 2858190xxx | 1 | A1504 | 1 | | | | |
| | | 1AO | | | | | | | | |

Note A) Attention! Only use interfaces without LEDs
 B) Only possible if configured at 24 V DC

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC SCHNEIDER – TWIDO



A

| | PLC | | Cables | | Interfaces | | | | | |
|------------------------------|------------------------------|-------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | | | | | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | TWD DDI 16DK | 16 DI, positive logic | 7789328xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | TWD DDI 16DT | 16 DI, positive logic | 7789100xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | TWD DDI 16DT ^{A)} | 16 DI, negative logic | 7789100xxx | 1 | H2016 | 1 | | | | |
| | TWD DDI 32DK | 32 DI | 7789328xxx | 2 | H2016 | 2 | I2016 | 2 | | |
| | TWD DDI 8DT | 8 DI, positive logic | 7789100xxx | 1 | H2008 | 1 | I2016 | 1 | | |
| | TWD DDI 8DT ^{A)} | 8 DI, negative logic | 7789100xxx | 1 | H2016 | 1 | | | | |
| DO | TWD DDO 16TK | 16 DO | 7789329xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | TWD DDO 16UK ^{B)} | 16 DO | 7789328xxx | 1 | H2016 | 1 | | | O2016N | 1 |
| | TWD DDO 32TK | 32 DO | 7789329xxx | 2 | H2016 | 2 | | | O2016 | 2 |
| | TWD DDO 32UK ^{B)} | 32 DO | 7789328xxx | 2 | H2016 | 2 | | | O2016N | 2 |
| | TWD DDO 8TT | 8 DO | 7789100xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | TWD DDO 8UT ^{A)} | 8 DO | 7789100xxx | 1 | H2016 | 1 | | | | |
| | TWD DRA 16RT | 16 DO | 7789104xxx | 1 | R2416 | 1 | | | | |
| DI/DO | TWD LMDA 20DRT | 12 DI, positive logic | 7789100xxx | 1 | H2016 | 1 | | | | |
| | | 8 DO | 7789104xxx | 1 | R2416 | 1 | | | | |
| | TWD LMDA 20DRT ^{B)} | 12 DI, negative logic | 7789100xxx | 1 | H2016 | 1 | | | | |
| | | 8 DO | 7789104xxx | 1 | R2416 | 1 | | | | |
| | TWD LMDA 20DTK | 12 DI, positive logic | 7789327xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | | 8 DO | | | H2016 | 1 | | | | |
| | TWD LMDA 20DUK ^{C)} | 12 DI, positive logic | 7789326xxx | 1 | H2016 | 1 | | | | |
| | | 8 DO | | | H2016 | 1 | | | | |
| TWD LMDA 40DTK | 24 DI, positive logic | 7789327xxx | 2 | H2016 | 2 | | | | | |
| | 16 DO | | | H2008 | 2 | | | O2008 | 2 | |
| TWD LMDA 40DUK ^{C)} | 24 DI, positive logic | 7789326xxx | 2 | H2016 | 2 | | | | | |
| | 16 DO | | | H2016 | 2 | | | | | |
| AI | TWD AMI 2HT | 2 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| AO | TWD AMO 1HT | 1 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| AI/AO | TWD ALM 3LT | 2 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| | | 1 AO | | | | 1 | | | | |
| | TWD AMM 3HT | 2 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| | | 1 AO | | | | 1 | | | | |

Note
 A) Attention! Only use interfaces without LEDs
 B) Attention! Use only interfaces without LEDs for the direct option.
 C) Attention! Use only interfaces without LEDs for the direct output option.

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
 - Cables 7789100xxx, 7789104xxx, 7789106xxx, 7789108xxx, 1350480xxx, 1350490xxx and 1350500xxx have wire-end ferrules at one end. These cables do not have a PLC connector. Colour code according to DIN 47100.
 - The interfaces are intended to be used inside an IP20 enclosure at least.
 - The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.
- * In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC SIEMENS – S7-200

| | PLC | | Cables | | Interfaces | | | | | |
|-------------------|--------------------|-------------------------|------------|------------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 6ES7221-1BF22-0XA0 | 8 DI | 7789100xxx | 1 | H2008 | 1 | | | | |
| | 6ES7221-1BH22-0XA0 | 16 DI | 7789100xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | 6ES7221-1EF22-0XA0 | 8 DI | 7789104xxx | 1 | R2416 | 1 | | | | |
| DO | 6ES7222-1BD22-0XA0 | 4 DO | 7789100xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | 6ES7222-1BF22-0XA0 | 8 DO | 7789100xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | 6ES7222-1EF22-0XA0 | 8 DO | 7789104xxx | 1 | R2416 | 1 | | | | |
| | 6ES7222-1HD22-0XA0 | 8 DO | 7789104xxx | 1 | R2416 | 1 | | | | |
| DI/DO | 6ES7223-1BF22-0XA0 | 4 DI | 7789100xxx | 2 | H2008 | 1 | | | O2008 | 1 |
| | | 4 DO | | | H2008 | 1 | | | | |
| | 6ES7223-1BH22-0XA0 | 8 DI | 7789100xxx | 2 | H2008 | 1 | | | O2008 | 1 |
| | | 8 DO | | | H2008 | 1 | | | | |
| | 6ES7223-1BL22-0XA0 | 16 DI | 7789100xxx | 2 | H2016 | 1 | | | O2016 | 1 |
| | | 16 DO | | | H2016 | 1 | | | | |
| | 6ES7223-1BM22-0XA0 | 32 DI | 7789100xxx | 4 | H2016 | 2 | | | O2016 | 2 |
| | | 32 DO | | | H2016 | 2 | | | | |
| | 6ES7223-1PL22-0XA0 | 16 DI | 7789100xxx | 1 | H2016 | 1 | | | | |
| | | 16 DO | | | 7789104xxx | 1 | R2416 | 1 | | |
| 6ES223-1PM22-0XA0 | 32 DI | 7789100xxx | 2 | H2016 | 2 | | | | | |
| | 32 DO | | | 7789104xxx | 2 | R2416 | 2 | | | |
| AI | 6ES7231-0HC22-0XA0 | 4 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| | 6ES7231-0HF22-0XA0 | 8 AI | 1350490xxx | 1 | A2508 | 1 | | | | |
| AO | 6ES7232-0HB22-0XA0 | 2 AO | 1350480xxx | 1 | A1504 | 1 | | | | |
| | 6ES7232-0HD22-0XA0 | 4 AO | 1350480xxx | 1 | A1504 | 1 | | | | |
| AI/AO | 6ES7235-0KD22-0XA0 | 4 AI / 1 AO | 1350490xxx | 1 | A2508 | 1 | | | | |
| DI/DO/AI | 6ES7214-1AE30-0XB0 | 14 DI | 7789100xxx | 1 | H2016 | 1 | | | | |
| | | 10 DO | 7789100xxx | 1 | H2016 | 1 | | | | |
| | | 2 AI | 1350480xxx | 1 | A1504 | 1 | | | | |
| | 6ES7214-1AG31-0XB0 | 14 DI | 7789100xxx | 1 | H2016 | 1 | | | | |
| | | 10 DO | 7789100xxx | 1 | H2016 | 1 | | | | |
| | | 2 AI | 1350480xxx | 1 | A1504 | 1 | | | | |

Note

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- Cables 7789100xxx, 7789104xxx, 7789106xxx, 7789108xxx, 1350480xxx, 1350490xxx and 1350500xxx have wire-end ferrules at one end. These cables do not have a PLC connector. Colour code according to DIN 47100.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC SIEMENS – S7-300/ET-200M



A

| | PLC | | Cables | | Interfaces | | | | | | |
|--------------------|----------------------------------|-------------------------------------|--------------|------------|-------------------------------------|----------|-------------------|----------|-------------------|----------|---|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | | |
| | | | | | Type | Quantity | Type | Quantity | Type | Quantity | |
| DI | 6ES7321-1BH00-0AA0 | 16 DI | 7789234xxx | 1 | H2016 | 1 | I2016 | 1 | | | |
| | 6ES7321-1BH01-0AA0 | 16 DI | 7789234xxx | 1 | H2016 | 1 | I2016 | 1 | | | |
| | 6ES7321-1BH02-0AA0 | 16 DI | 7789234xxx | 1 | H2016 | 1 | I2016 | 1 | | | |
| | 6ES7321-1BH50-0AA0 | 16 DI | 7789234xxx | 1 | H2016 | 1 | I2016 | 1 | | | |
| | 6ES7321-1BH80-0AA0 | 16 DI | 7789234xxx | 1 | H2016 | 1 | I2016 | 1 | | | |
| | 6ES7321-1BH81-0AA0 | 16 DI | 7789234xxx | 1 | H2016 | 1 | I2016 | 1 | | | |
| | 6ES7321-1BH82-0AA0 | 16 DI | 7789234xxx | 1 | H2016 | 1 | I2016 | 1 | | | |
| | 6ES7321-1BL00-0AA0 | 32 DI | 7789236xxx | 1 | H2016 | 2 | I2016 | 2 | | | |
| | 6ES7321-1BL80-0AA0 | 32 DI | 7789236xxx | 1 | H2016 | 2 | I2016 | 2 | | | |
| | 6ES7321-1BP00-0AA0 | 64 DI, positive logic | 7789771xxx | 2 | H2016 | 4 | I2016 | 4 | | | |
| | | 64 DI, negative logic ^{A)} | 7789768xxx | 2 | H2016 | 4 | | | | | |
| | 6ES7321-1CH20-0AA0 | 16 DI | 7789211xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7321-1CH80-0AA0 | 16 DI | 7789211xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7321-1EH00-0AA0 | 16 DI | 7789212xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7321-1EH01-0AA0 | 16 DI | 7789212xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7321-1EL00-0AA0 | 32 DI | 7789215xxx | 1 | R3632 | 1 | | | | | |
| | 6ES7321-1FH00-0AA0 | 16 DI | 7789212xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7321-7BH00-0AB0 | 16 DI | 7789210xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7321-7BH01-0AB0 | 16 DI | 7789210xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7321-7BH80-0AB0 | 16 DI | 7789210xxx | 1 | R2416 | 1 | | | | | |
| 6ES7321-7RD00-0AB0 | 16 DI | 2183160xxx | 1 | H20 | 1 | | | | | | |
| 6ES7326-1BK02-0AB0 | 24 DI | 2183170xxx | 1 | H40 | 1 | | | | | | |
| DO | 6ES7322-1BF00-0AA0 | 8 DO | 7789239xxx | 1 | H2008 | 1 | | | O2008 | 1 | |
| | 6ES7322-1BF01-0AA0 | 8 DO | 7789239xxx | 1 | H2008 | 1 | | | O2008 | 1 | |
| | 6ES7322-1BH00-0AA0 | 16 DO | 7789234xxx | 1 | H2016 | 1 | | | O2016 | 1 | |
| | 6ES7322-1BH01-0AA0 | 16 DO | 7789234xxx | 1 | H2016 | 1 | | | O2016 | 1 | |
| | 6ES7322-1BH10-0AA0 | 16 DO | 7789234xxx | 1 | H2016 | 1 | | | O2016 | 1 | |
| | 6ES7322-1BH81-0AA0 | 16 DO | 7789234xxx | 1 | H2016 | 1 | | | O2016 | 1 | |
| | 6ES7322-1BL00-0AA0 | 32 DO | 7789236xxx | 1 | H2016 | 2 | | | O2016 | 2 | |
| | 6ES7322-1BP00-0AA0 | 64 DO | 7789246xxx | 2 | H2016 | 4 | | | O2016 | 4 | |
| | 6ES7322-1BP50-0AA0 ^{A)} | 64 DO | 7789246xxx | 2 | H2016 | 4 | | | O2016N | 4 | |
| | 6ES7322-1EH00-0AA0 | 16 DO | 7789211xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7322-1EH01-0AA0 | 16 DO | 7789211xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7322-1EL00-0AA0 | 32 DO | 7789211xxx | 2 | R2416 | 2 | | | | | |
| | 6ES7322-1FH00-0AA0 | 16 DO | 7789211xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7322-1FL00-0AA0 | 32 DO | 7789211xxx | 2 | R2416 | 2 | | | | | |
| | 6ES7322-1HF80-0AA0 | 8 DO | 7789190xxx | 1 | R2416 | 1 | | | | | |
| | 6ES7322-1HH01-0AA0 | 16 DO, only 24Vdc | 7789779xxx | 1 | H2016 | 1 | | | O2016 | 1 | |
| | 6ES7322-5GH00-0AB0 | 16 DO | 7789215xxx | 1 | R3632 | 1 | | | | | |
| | 6ES7322-5RD00-0AB0 ^{B)} | 4 DO | 7789192xxx | 1 | H2016 | 1 | | | | | |
| | 6ES7322-5SD00-0AB0 ^{B)} | 4 DO | 7789192xxx | 1 | H2016 | 1 | | | | | |
| | 6ES7322-8BF00-0AB0 | 8 DO, without redundancy | 7789239xxx | 1 | H2008 | 1 | | | O2008 | 1 | |
| | 6ES7322-8BF00-0AB0 | 8 DO, with redundancy | 7789830xxx | 1 | H2008 | 1 | | | O2008 | 1 | |
| | 6ES7322-8BH01-0AB0 | 16 DO, without redundancy | 7789729xxx | 1 | H2016 | 1 | | | O2016 | 1 | |
| | 6ES7322-8BH01-0AB0 | 16 DO, with redundancy | 7789730xxx | 1 | H2016 | 1 | | | O2016 | 1 | |
| | 6ES7326-2BF10-0AB0 | 16 DO | 2183170xxx | 1 | H40 | 1 | | | | | |
| | 6ES7326-2BF41-0AB0 | 8 DO | 2183170xxx | 1 | H40 | 1 | | | | | |
| | DI/DO | 6ES7323-1BH00-0A00 | 8 DI 8 DO | 7789237xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | | 6ES7323-1BH01-0A00 | 8 DI 8 DO | 7789237xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | | 6ES7323-1BH80-0A00 | 8 DI 8 DO | 7789237xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| 6ES7323-1BH80-0A00 | | 8 DI 8 DO | 7789237xxx | 1 | H2008 | 1 | | | O2008 | 1 | |
| 6ES7323-1BL00-0A00 | | 16 DI 16 DO | 7789236xxx | 1 | H2016 | 1 | I2016 | 1 | O2016 | 1 | |
| AI | 6ES7331-7HF01-0AB0 | 8 AI | 7789801xxx | 1 | H20 | 1 | | | | | |
| | 6ES7331-1KF01-0AB0 | 8 AI | 7789604xxx | 1 | A3716 | 1 | | | | | |
| | 6ES7331-1KF02-0AB0 | 8 AI | 7789604xxx | 1 | A3716 | 1 | | | | | |
| | 6ES7331-7KB00-0AB0 | 2 AI | 7789224xxx | 1 | A1504 | 1 | | | | | |

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| | PLC | | Cables | | Interfaces | | | | | | |
|--------------------|--------------------|-----------------------------------|-------------|------------|-------------------------------------|----------|-------------------|----------|-------------------|----------|--|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity | |
| AI | 6ES7331-7KB01-0AB0 | 2 AI | 7789224xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7331-7KB02-0AB0 | 2 AI | 7789224xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7331-7KF00-0AB0 | 8 AI | 7789229xxx | 1 | A2508 | 1 | | | | | |
| | 6ES7331-7KF01-0AB0 | 8 AI | 7789229xxx | 1 | A2508 | 1 | | | | | |
| | 6ES7331-7KF02-0AB0 | 8 AI | 7789229xxx | 1 | A2508 | 1 | | | | | |
| | 6ES7331-7NF00-0AB0 | 8 AI | 7789231xxx | 1 | A3716 | 1 | | | | | |
| | 6ES7331-7NF10-0AB0 | 8 AI, voltage application | 7789233xxx | 1 | A2508 | 1 | | | | | |
| | | 8 AI, current application | 7789759xxx | 1 | H40 | 1 | | | | | |
| | 6ES7331-7PF00-0AB0 | 8 AI, 2-wire applications | 7789230xxx | 1 | A2508 | 1 | | | | | |
| | 6ES7331-7PF00-0AB0 | 8 AI, 3 and 4-wire applications | 7789759xxx | 1 | H40 | 1 | | | | | |
| | 6ES7331-7PF01-0AB0 | 8 AI, 2-wire applications | 7789230xxx | 1 | A2508 | 1 | | | | | |
| | 6ES7331-7PF01-0AB0 | 8 AI, 3 and 4-wire applications | 7789759xxx | 1 | H40 | 1 | | | | | |
| | 6ES7331-7RD00-0AB0 | 4 AI, 2-wire applications | 7789193xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7331-7RD00-0AB0 | 4 AI, 4-wire applications | 7789194xxx | 1 | A2508 | 1 | | | | | |
| | 6ES7331-7TF01-0AB0 | 8 AI, 2-wire applications | 7789229xxx | 1 | A2508 | 1 | | | | | |
| | 6ES7331-7TF01-0AB0 | 8 AI, 4-wire applications | 7789800xxx | 1 | A2508 | 1 | | | | | |
| 6ES7336-4GE00-0AB0 | 6 AI | 7789801xxx | 1 | H20 | 1 | | | | | | |
| AO | 6ES7332-5HB00-0AB0 | 2 AO, 2-wire voltage applications | 7789228xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-5HB00-0AB0 | 2 AO, 4-wire voltage applications | 7789801xxx | 1 | H20 | 1 | | | | | |
| | 6ES7332-5HB00-0AB0 | 2 AO, current applications | 7789227xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-5HB01-0AB0 | 2 AO, 2-wire voltage applications | 7789228xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-5HB01-0AB0 | 2 AO, 4-wire voltage applications | 7789801xxx | 1 | H20 | 1 | | | | | |
| | 6ES7332-5HB01-0AB0 | 2 AO, current applications | 7789227xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-5HB81-0AB0 | 2 AO, 2-wire voltage applications | 7789228xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-5HB81-0AB0 | 2 AO, 4-wire voltage applications | 7789801xxx | 1 | H20 | 1 | | | | | |
| | 6ES7332-5HB81-0AB0 | 2 AO, current applications | 7789227xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-5HD00-0AB0 | 4 AO, 2-wire voltage applications | 7789228xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-5HD00-0AB0 | 4 AO, 4-wire voltage applications | 7789801xxx | 1 | H20 | 1 | | | | | |
| | 6ES7332-5HD00-0AB0 | 4 AO, current applications | 7789227xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-5HD01-0AB0 | 4 AO, 2-wire voltage applications | 7789228xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-5HD01-0AB0 | 4 AO, 4-wire voltage applications | 7789801xxx | 1 | H20 | 1 | | | | | |
| | 6ES7332-5HD01-0AB0 | 4 AO, current applications | 7789227xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-5HF00-0AB0 | 8 AO, voltage applications | 7789759xxx | 1 | H40 | 1 | | | | | |
| | 6ES7332-5HF00-0AB0 | 8 AO, current applications | 7789233xxx | 1 | A2508 | 1 | | | | | |
| | 6ES7332-5RD00-0AB0 | 4 AO | 7789195xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-7ND01-0AB0 | 4 AO, 2-wire voltage applications | 7789228xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-7ND01-0AB0 | 4 AO, 4-wire voltage applications | 7789801xxx | 1 | H20 | 1 | | | | | |
| | 6ES7332-7ND01-0AB0 | 4 AO, current applications | 7789227xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-7ND02-0AB0 | 4 AO, 2-wire voltage applications | 7789228xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-7ND02-0AB0 | 4 AO, 4-wire voltage applications | 7789801xxx | 1 | H20 | 1 | | | | | |
| | 6ES7332-7ND02-0AB0 | 4 AO, current applications | 7789227xxx | 1 | A1504 | 1 | | | | | |
| | 6ES7332-8TF01-0AB0 | 8 AO | 7789229xxx | 1 | A2508 | 1 | | | | | |
| | AI/AO | 6ES7334-0CE01-0AA0 | 4 AI + 2 AO | 7789225xxx | 1 | A3716 | 1 | | | | |
| | | 6ES7334-0KE00-0AB0 | 4 AI + 2 AO | 7789196xxx | 1 | A2508 | 1 | | | | |
| | | 6ES7335-7HG01-0AB0 | 4 AI + 2 AO | 7789226xxx | 1 | A3716 | 1 | | | | |
| 6ES7335-7HG02-0AB0 | | 4 AI + 2 AO | 7789226xxx | 1 | A3716 | 1 | | | | | |
| CPU | 6ES7312-5BD00-0AB0 | 10 DI | 1431530xxx | 1 | H2016 | 1 | | | | | |
| | | 6 DO | | | H2008 | 1 | | | 02008 | 1 | |
| | 6ES7312-5BD01-0AB0 | 10 DI | 1431530xxx | 1 | H2016 | 1 | | | | | |
| | | 6 DO | | | H2008 | 1 | | | 02008 | 1 | |
| | 6ES7312-5BE03-0AB0 | 10 DI | 1431530xxx | 1 | H2016 | 1 | | | | | |
| | | 6 DO | | | H2008 | 1 | | | 02008 | 1 | |
| | 6ES7312-5BF04-0AB0 | 10 DI | 1431530xxx | 1 | H2016 | 1 | | | | | |
| | | 8 DO | | | H2008 | 1 | | | | | |
| | 6ES7312-6EH04-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | | |
| | | 16 DO | | | H2016 | 1 | | | 02016 | 1 | |
| | | 8 DI | | | H2008 | 1 | | | | | |
| | 6ES7313-5BE00-0AB0 | 5 AI + 2 AO | 7789223xxx | 1 | A2508P | 1 | | | | | |
| 16 DI | | H2016 | | | 1 | | | | | | |
| 16 DO | | H2016 | | | 1 | | | 02016 | 1 | | |
| 6ES7313-5BE00-0AB0 | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | | | |
| | 5 AI + 2 AO | | | A2508P | 1 | | | | | | |
| | 16 DI | | | H2016 | 1 | | | | | | |

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| | PLC | | Cables | | Interfaces | | | | | |
|--------------------|--------------------|-------------------------|------------|----------|-----------------------|----------|------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| CPU | 6ES7313-5BE01-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | |
| | | 5 AI + 2 AO | | | A2508P | 1 | | | | |
| | 6ES7313-5BF03-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | |
| | | 5 AI + 2 AO | | | A2508P | 1 | | | | |
| | 6ES7313-5BG04-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | |
| | | 5 AI + 2 AO | | | A2508P | 1 | | | | |
| | 6ES7313-6BE00-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | 6ES7313-6BE01-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | 6ES7313-6BF03-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | 6ES7313-6CE00-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | 6ES7313-6CE01-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | 6ES7313-6CF03-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | 6ES7314-6BF00-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | |
| | | 5 AI + 2 AO | | | A2508P | 1 | | | | |
| | 6ES7314-6BF01-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | |
| | | 5 AI + 2 AO | | | A2508P | 1 | | | | |
| | 6ES7314-6BF02-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | |
| | | 5 AI + 2 AO | | | A2508P | 1 | | | | |
| | 6ES7314-6CF00-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | |
| | | 5 AI + 2 AO | | | A2508P | 1 | | | | |
| | 6ES7314-6CF01-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | |
| | | 5 AI + 2 AO | | | A2508P | 1 | | | | |
| | 6ES7314-6CF02-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | | 16 DO | | | H2016 | 1 | | 02016 | 1 | |
| | | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | |
| | | 5 AI + 2 AO | | | A2508P | 1 | | | | |
| 6ES7314-6CH04-0AB0 | 16 DI | 7789222xxx | 1 | H2016 | 1 | I2016 | 1 | | | |
| | 16 DO | | | H2016 | 1 | | 02016 | 1 | | |
| | 8 DI | 7789223xxx | 1 | H2008 | 1 | | | | | |
| | 5 AI + 2 AO | | | A2508P | 1 | | | | | |

Note A) Attention! Use only interfaces without LEDs for the direct option.
 B) This is not an ATEX solution. The interface cannot have LEDs, fuses, disconnectors or test points

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

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| | PLC | | Cables | | Interfaces | | | | | |
|--------------------|--------------------|---|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | | | | | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 6ES7421-1BL00-0AA0 | 32 DI | 7789292xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | 6ES7421-1BL01-0AA0 | 32 DI | 7789292xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | 6ES7421-1EL00-0AA0 | 32 DI | 7789278xxx | 1 | R3632 | 1 | | | | |
| | 6ES7421-1FH00-0AA0 | 16 DI | 7789273xxx | 1 | R2416 | 1 | | | | |
| | 6ES7421-1FH20-0AA0 | 16 DI | 7789273xxx | 1 | R2416 | 1 | | | | |
| | 6ES7421-7BH00-0AB0 | 16 DI | 7789290xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | 6ES7421-7BH01-0AB0 | 16 DI | 7789290xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| 6ES7421-7DH00-0AB0 | 16 DI | 7789278xxx | 1 | R3632 | 1 | | | | | |
| DO | 6ES7422-1BH10-0AA0 | 16 DO | 7789291xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 6ES7422-1BH11-0AA0 | 16 DO | 7789291xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 6ES7422-1BL00-0AA0 | 32 DO | 7789292xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| | 6ES7422-1FH00-0AA0 | 16 DO | 7789273xxx | 1 | R2416 | 1 | | | | |
| | 6ES7422-1HH00-0AA0 | 16 DO | 7789270xxx | 1 | R3632 | 1 | | | | |
| | 6ES7422-5EH10-0AB0 | 16 DO | 7789291xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 6ES7422-7BL00-0AB0 | 32 DO | 7789292xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| AI | 6ES7431-0HH00-0AB0 | 16 AI | 7789284xxx | 1 | A3716 | 1 | | | | |
| | 6ES7431-1KF00-0AB0 | 8 AI, voltage and resistance applications | 2062360xxx | 1 | A2508 | 1 | | | | |
| | 6ES7431-1KF00-0AB0 | 8 AI, current applications | 2062380xxx | 1 | A2508 | 1 | | | | |
| | 6ES7431-1KF10-0AB0 | 8 AI | 7789285xxx | 1 | A2508 | 1 | | | | |
| | 6ES7431-1KF20-0AB0 | 8 AI | 7789285xxx | 1 | A2508 | 1 | | | | |
| | 6ES7431-7KF10-0AB0 | 16 AI | 7789284xxx | 1 | A3716 | 1 | | | | |
| | 6ES7431-7QH00-0AB0 | 16 AI | 7789284xxx | 1 | A3716 | 1 | | | | |
| AO | 6ES7432-1HF00-0AB0 | 8 AO, common mode voltage applications | 7789288xxx | 1 | A2508 | 1 | | | | |

Note

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

PLC SIEMENS – S7-1200



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| | PLC | | Cables | | Interfaces | | | | | |
|-------|--------------------|-------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 6ES7221-1BF30-0XB0 | 8 DI | 1329110xxx | 1 | H2008 | 1 | | | | |
| | 6ES7221-1BF32-0XB0 | 8 DI | 1329110xxx | 1 | H2008 | 1 | | | | |
| | 6ES7221-1BH30-0XB0 | 16 DI | 1329120xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | 6ES7221-1BH32-0XB0 | 16 DI | 1329120xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| DO | 6ES7222-1HH30-0XB0 | 16 DO | 1329140xxx | 1 | R2416 | 1 | | | | |
| | 6ES7222-1BF30-0XB0 | 8 DO | 1329150xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | 6ES7222-1BH30-0XB0 | 16 DO | 1329170xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 6ES7222-1BH32-0XB0 | 16 DO | 1329170xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| DI/DO | 6ES7223-1PL30-0XB0 | 16 DI | 1329200xxx | 1 | H2016 | 1 | | | | |
| | | 16 DO | 1329210xxx | 1 | R2416 | 1 | | | | |
| | 6ES7223-1BH30-0XB0 | 8 DI | 1329180xxx | 1 | H2008 | 1 | | | | |
| | | 8 DO | 1329230xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | 6ES7223-1BL30-0XB0 | 16 DI | 1329200xxx | 1 | H2016 | 1 | | | | |
| | | 16 DO | 1329240xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 6ES7223-1BL32-0XB0 | 16 DI | 1329200xxx | 1 | H2016 | 1 | | | | |
| | | 16 DO | 1329240xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| AI | 6ES7231-4HD30-0XB0 | 4 AI | 1329250xxx | 1 | A1504 | 1 | | | | |
| | 6ES7231-4HD32-0XB0 | 4 AI | 1329250xxx | 1 | A1504 | 1 | | | | |
| | 6ES7231-4HF30-0XB0 | 8 AI | 1329270xxx | 1 | A2508 | 1 | | | | |
| AO | 6ES7232-4HB30-0XB0 | 2 AO | 1329280xxx | 1 | A1504 | 1 | | | | |
| | 6ES7232-4HD30-0XB0 | 4 AO | 1329290xxx | 1 | A1504 | 1 | | | | |
| AI/AO | 6ES7234-4HE30-0XB0 | 4 AI + 2 AO | 1329300xxx | 1 | A2508 | 1 | | | | |

Note

- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
 - Cables 7789100xxx, 7789104xxx, 7789106xxx, 7789108xxx, 1350480xxxx, 1350490xxx and 1350500xxx have wire-end ferrules at one end. These cables do not have a PLC connector. Colour code according to DIN 47100.
 - The interfaces are intended to be used inside an IP20 enclosure at least.
 - The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.
- * In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.



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| | PLC | | Cables | | Interfaces | | | | | |
|--|---|--|--------------------------|---------------------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 6ES7521-1BH00-0AB0 | 16 DI | 1462090xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | 6ES7521-1BH50-0AA0 ^{A)} | 16 DI | 1462100xxx | 1 | H2016 | 1 | | | | |
| | 6ES7521-1BL00-0AB0 | 32 DI | 1462040xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | 6ES7521-1BL10-0AA0 | 32 DI | 1994500xxx | 1 | H2016 | 2 | I2016 | 2 | | |
| | 6ES7521-1FH00-0AA0 | 16 DI | 1462130xxx | 1 | R2416 | 1 | | | | |
| | 6ES7521-7EH00-0AB0 | 16DI | 2744080xxx | 1 | R2416 ^{B)} | 1 | | | | |
| | 6ES7521-1BH10-0AA0 | 16DI | 2605170xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| | 6ES7521-1BP00-0AA0 | 64DI (positive logic) | 2814170xxx | 2 | H2016 | 4 | I2016 | 4 | | |
| 6ES7521-1BP00-0AA0 | 64DI (negative logic) | 2814160xxx | 2 | H2016 ^{A)} | 4 | | | | | |
| DO | 6ES7522-1BF00-0AB0 | 8 DO | 1462110xxx | 1 | H2008 | 1 | | | O2008 | 1 |
| | 6ES7522-1BH00-0AB0 | 16 DO | 1462090xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| | 6ES7522-1BL00-0AB0 | 32 DO | 2744090xxx | 1 | R3632 | 1 | | | | |
| | 6ES7522-1BL01-0AB0 | 32 DO | 1462040xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| | 6ES7522-1BL10-0AA0 | 32 DO | 1994500xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| | 6ES7522-5FF00-0AB0 | 8 DO | 1462140xxx | 1 | R2416 | 1 | | | | |
| | 6ES7522-5FH00-0AB0 | 16 DO | 2000150xxx ^{E)} | 1 | | | | | | |
| | 6ES7522-1BP50-0AA0 | 64DO | 2814320xxx | 2 | H2016 ^{A)} | 4 | | | O2016N | 4 |
| | 6ES7522-1BP00-0AA0 | 64DO | 2814320xxx | 2 | H2016 | 4 | | | O2016 | 4 |
| | DI/DO | 6ES7523-1BP50-0AA0 (di positive logic) | 32DI | 2814170xxx | 1 | H2016 | 2 | I2016 | 2 | |
| 6ES7523-1BP50-0AA0 (di negative logic) | | 32DO | 2814320xxx | 1 | H2016 | 2 | | | O2016 | 2 |
| 6ES7523-1BP50-0AA0 (di positive logic) | | 32DI | 2814160xxx | 1 | H2016 ^{A)} | 2 | | | | |
| 6ES7523-1BP50-0AA0 (di negative logic) | | 32DO | 2814320xxx | 1 | H2016 ^{A)} | 2 | | | O2016N | 2 |
| AI | 6ES7531-7KF00-0AB0 (current mode 2 wires) | 8 AI | 2752610xxx | 1 | A2508 ^{C)} | 1 | | | | |
| | 6ES7531-7KF00-0AB0 (current mode 4 wires) | 8 AI | 2655850xxx | 1 | A2508 ^{C)} | 1 | | | | |
| | 6ES7531-7KF00-0AB0 (voltage mode) | 8 AI | 2695350xxx | 1 | A2508 ^{C)} | 1 | | | | |
| | 6ES7531-7NF10-0AB0 (current mode) | 8 AI | 2752610xxx | 1 | A2508 | 1 | | | | |
| | 6ES7531-7NF10-0AB0 (voltage mode) | 8 AI | 2695350xxx | 1 | A2508 | 1 | | | | |
| | 6ES7531-7QD00-0AB0 (4-wires transmitter) | 4 AI | 2740910xxx | 1 | A1504 ^{B)} | 1 | | | | |
| | 6ES7531-7QD00-0AB0 (2-wires transmitter) | 4 AI | 2740930xxx | 1 | A1504 | 1 | | | | |
| | 6ES7531-7NF00-0AB0 (voltage mode) | 8AI | 2695350xxx | 1 | A2508 | 1 | | | | |
| | 6ES7531-7NF00-0AB0 (current mode) | 8AI | 2655850xxx | 1 | A2508 | 1 | | | | |
| | 6ES7531-7PF00-0AB0 (pin to pin) | 8AI | 2836810xxx | 1 | A50 | 1 | | | | |
| AO | 6ES7532-5HD00-0AB0 | 4 AO, 2-wire voltage applications | 1462150xxx | 1 | A1504 | 1 | | | | |
| | 6ES7532-5HD00-0AB0 | 4 AO, 4-wire voltage applications | 1462170xxx | 1 | A2508 | 1 | | | | |
| | 6ES7532-5HD00-0AB0 | 4 AO, current applications | 1462160xxx | 1 | A1504 | 1 | | | | |
| | 6ES7532-5HF00-0AB0 | 8 AO, 2-wire voltage applications | 1991700xxx | 1 | A2508 | 1 | | | | |
| | 6ES7532-5HF00-0AB0 | 8 AO, 4-wire voltage applications | 1991720xxx | 1 | A3716 | 1 | | | | |
| | 6ES7532-5HF00-0AB0 | 8 AO, current applications | 1991710xxx | 1 | A2508 | 1 | | | | |
| | 6ES7532-5NB00-0AB0 | 2AO, 2-wires | 1462160xxx | 1 | A1504 | 1 | | | | |
| | 6ES7532-5ND00-0AB0 (voltage mode) | 4AO, 2-wires | 1462150xxx | 1 | A1504 | 1 | | | | |
| | 6ES7532-5ND00-0AB0 (current mode) | 4AO, 2-wires | 1462160xxx | 1 | A1504 | 1 | | | | |
| Note | A) Attention! Only use interfaces without LEDs B) The supplies are grouped into 4 groups at 3,4,5,6 C) Supply has to be connected in the Power terminal of the Pcb connector D) The PLC card has to be supplied directly in the Siemens card Supply connector E) Cable provided with ferrules. To be connected to terminal block or other electrical device | | | | | | | | | |

- Please, always take into account the characteristics of the PLC card (voltage, current,...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmuller.com where you will always find the most up-to-date information.

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| | PLC | | Cables | | Interfaces | | | | | |
|----------------------------------|---|-----------------------------|--------------------------|----------|-------------------------------------|----------|---------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 6ES7131-6BF01-0AA0 ^{B)} | DI 8x24VDC BA | 2742890xxx ¹⁾ | 1 | H2008 | 1 | I2016 ^{D)} | 1 | | |
| | 6ES7131-6BF61-0AA0 ^{A)C)} | DI 08x24Vdc SRC BA | 2742890xxx ¹⁾ | 1 | H2016 ^{D)} | 1 | | | | |
| | 6ES7131-6BF01-0BA0 ^{B)} | DI 8x24VDC ST | 2742890xxx ¹⁾ | 1 | H2008 | 1 | I2016 ^{D)} | 1 | | |
| | 6ES7131-6BH01-0BA0 ^{B)} | DI 16x24VDC ST | 2732130xxx ¹⁾ | 1 | H2016 | 1 | I2016 | 1 | | |
| | 6ES7131-6BF00-0CA0 ^{B)} | DI 08x24Vdc HF | 2742890xxx ¹⁾ | 1 | H2008 | 1 | I2016 ^{D)} | 1 | | |
| | 6ES7131-6TF00-0CA0 | DI 8xNAMUR HF | 2732130xxx ¹⁾ | 1 | H20 | 1 | | | | |
| DO | 6ES7132-6BF00-0DA0 ^{B)} | DI 8x24VDC HS | 2742890xxx ¹⁾ | 1 | H2008 | 1 | I2016 ^{D)} | 1 | | |
| | 6ES7132-6BF01-0AA0 ^{C)} | DQ 8x24VDC/0.5A BA | 2742890xxx ¹⁾ | 1 | H2008 | 1 | | | O2008 | 1 |
| | 6ES7132-6BF61-0AA0 ^{A)B)} | DQ 8x24VDC/0.5A SNK BA | 2742890xxx ¹⁾ | 1 | H2016 ^{D)} | 1 | | | O2008N | 1 |
| | 6ES7132-6BD20-0BA0 ^{C)} | DQ 4x24VDC/2A ST | 2756670xxx ¹⁾ | 1 | H2008 | 1 | | | O2008 | 1 |
| | 6ES7132-6BF01-0BA0 ^{C)} | DQ 8x24VDC/0.5A ST | 2742890xxx ¹⁾ | 1 | H2008 | 1 | | | O2008 | 1 |
| | 6ES7132-6BH00-0AA0 ^{C)} | DQ 16x24VDC/0.5A BA | 2732130xxx ¹⁾ | 1 | H2016 | 1 | | | O2016 | 1 |
| | 6ES7132-6BH01-0BA0 ^{C)} | DQ 16x24VDC/0.5A ST | 2732130xxx ¹⁾ | 1 | H2016 | 1 | | | O2016 | 1 |
| | 6ES7132-6BD20-0CA0 ^{C)} | DQ 4x24VDC/2A HF | 2756670xxx ¹⁾ | 1 | H2008 | 1 | | | O2008 | 1 |
| | 6ES7132-6BF00-0CA0 ^{C)} | DQ 8x24VDC/0.5A HF | 2742890xxx ¹⁾ | 1 | H2008 | 1 | | | O2008 | 1 |
| | 6ES7132-6BD20-0DA0 | DQ 4x24VDC/2A HS | 2732130xxx ¹⁾ | 1 | H20 | 1 | | | | |
| 6ES7132-6GD51-0BA0 | RQ 4x24VDC/2A CO ST | 2732130xxx ¹⁾ | 1 | H20 | 1 | | | | | |
| AI | 6ES7134-6GF00-0AA1 | AI 8x1 2-/4-fils BA | 2732150xxx ¹⁾ | 1 | A2508 | 1 | | | | |
| | 6ES7134-6FF00-0AA1 | AI 8xU BA | 2732160xxx ²⁾ | 1 | A2508 | 1 | | | | |
| | | | 2732150xxx ¹⁾ | 1 | A2508 | 1 | | | | |
| | 6ES7134-6FB00-0BA1 | AI 2xU ST | 2756690xxx ¹⁾ | 1 | A1504 | 1 | | | | |
| | | | 2756700xxx ²⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7134-6HD01-0BA1(Tension mode) | AI 4xU/I 2-wire ST | 2742880xxx ¹⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7134-6HD01-0BA1(Current mode) | | 2884770xxx ¹⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7134-6HD01-0BA1(Tension mode) | | 2756720xxx ²⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7134-6HD01-0BA1(Current mode) | | 2884780xxx ²⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7134-6GD01-0BA1(2-wire current mode) | AI 4x1 2-/4-wire ST | 2884770xxx ¹⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7134-6GD01-0BA1(4-wire current mode) | | 2742880xxx ¹⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7134-6GD01-0BA1(2-wire current mode) | | 2884780xxx ²⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7134-6GD01-0BA1(4-wire current mode) | | 2756720xxx ²⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7134-6HB00-0CA1 ^{E)} | AI 2xU/I 2-/4-wire HF | 2756730xxx ¹⁾ | 1 | A25 | 1 | | | | |
| | | | 2756740xxx ²⁾ | 1 | A25 | 1 | | | | |
| | 6ES7134-6JD00-0CA1 ^{E)} | AI 4xRTD/TC 2-/3-/4-wire HF | 2756730xxx ¹⁾ | 1 | A25 | 1 | | | | |
| 2756740xxx ²⁾ | | | 1 | A25 | 1 | | | | | |
| 6ES7134-6JF00-0CA1 | AI 8xRTD/TC 2-wire HF | 2732150xxx ¹⁾ | 1 | A2508 | 1 | | | | | |
| | | 2732160xxx ²⁾ | 1 | A2508 | 1 | | | | | |
| 6ES7134-6HB00-0DA1 ^{E)} | AI 2xU/I 2-/4-wire HS | 2756750xxx ¹⁾ | 1 | A15 | 1 | | | | | |
| | | 2756760xxx ²⁾ | 1 | A15 | 1 | | | | | |
| 6ES7134-6TD00-0CA1 ^{F)} | AI 4x1 2-wire 4...20mA HART | 2884790xxx ¹⁾ | 1 | A2508 | 1 | | | | | |
| | | 2884800xxx ²⁾ | 1 | A2508 | 1 | | | | | |
| 6ES7134-6GB00-0BA1 ^{E)} | AI 2x1 2-/4-wire ST | 2756730xxx ¹⁾ | 1 | A25 | 1 | | | | | |
| | | 2756740xxx ²⁾ | 1 | A25 | 1 | | | | | |
| 7MH4134-6LB00-0DA0 ^{E)} | AI 2xSG 4-/6-wire HS | 2756750xxx ¹⁾ | 1 | A15 | 1 | | | | | |
| | | 2756760xxx ²⁾ | 1 | A15 | 1 | | | | | |
| AO | 6ES7135-6FB00-0BA1 | AQ 2xU ST | 2756770xxx ¹⁾ | 1 | A1504 | 1 | | | | |
| | | | 2756780xxx ²⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7135-6GB00-0BA1 | AQ 2x1 ST | 2756770xxx ¹⁾ | 1 | A1504 | 1 | | | | |
| | | | 2756780xxx ²⁾ | 1 | A1504 | 1 | | | | |
| | 6ES7135-6HB00-0CA1 | AQ 2xUI HF | 2756790xxx ¹⁾ | 1 | A1504 | 1 | | | | |
| | | | 2756800xxx ²⁾ | 1 | A1504 | 1 | | | | |
| 6ES7135-6HB00-0DA1 | AQ 2xUI HS | 2756790xxx ¹⁾ | 1 | A1504 | 1 | | | | | |
| | | 2756800xxx ²⁾ | 1 | A1504 | 1 | | | | | |
| 6ES7135-6HD00-0BA1 | AQ 4xUI ST | 2742880xxx ¹⁾ | 1 | A1504 | 1 | | | | | |

Note

A) Attention! Only use interfaces without LEDs
 B) In 2-wires PLC interfaces, the common and the positive of the interface has to be connected with a bridged.
 C) In 2-wires PLC interfaces, the common and the negative of the interface has to be connected with a bridged.
 D) The last 8 channels of the interface are not used.
 E) Connection 1 to 1 between interface and I/O card
 F) The 2-wire connections are in the channels 0 to 3 and the Hart test connections are in the channels 4 to 7
 1) Starting Terminal block 6ES7193-6BP00-0DA0 included with the cable
 2) Bridged Terminal block 6ES7193-6BP00-0BA0 included with the cable

- All interfaces which are connected with an pre-assembled cable with starting Terminal block the supply voltage has to be connected in the interface.
- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

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| | PLC | | Cables | | Interfaces | | | | | |
|----------------------------------|--|---|--------------------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 6DL1131-6BH00-0PH1 | DI 16x24VDC (1-wire) | 2856330xxx ¹⁾ | 1 | H2016 | 1 | I2016 | 1 | | |
| | | | 2765980xxx ²⁾ | 1 | H2016 | 1 | I2016 | 1 | | |
| | | | 1349790xxx ⁵⁾ | 1 | H2016 | 1 | I2016 | 1 | | |
| | 6DL1131-6BL00-0PH1 | DI 32x24VDC (1-wire) | 2856380xxx ¹⁾ | 1 | H2016 | 2 | I2016 | 2 | | |
| | | | 2757820xxx ²⁾ | 1 | H2016 | 2 | I2016 | 2 | | |
| | | | 1349790xxx ⁵⁾ | 1 | H2016 | 2 | I2016 | 2 | | |
| | 6DL1131-6DF00-0PK0 ^{A)} | DI 8x24 ... 125VDC HA | 2765990xxx ³⁾ | 1 | H2008 | 1 | I2016 | 1 | | |
| | | | 1349790xxx ⁵⁾ | 1 | H2008 | 1 | I2016 | 1 | | |
| | 6DL1131-6GF00-0PK0 | DI 8x230VAC | 2766010xxx ³⁾ | 1 | R2416 | 1 | | | | |
| | | | 7789104xxx ⁵⁾ | 1 | R2416 | 1 | | | | |
| | 6DL1131-6TH00-0PH1 ^{B)} | DI 16x NAMUR | 2856390xxx ¹⁾ | 1 | H40 | 1 | | | | |
| | | | 2766000xxx ²⁾ | 1 | H40 | 1 | | | | |
| 1349880xxx ⁵⁾ | | | 1 | H40 | 1 | | | | | |
| 6DL1133-6EW00-0PH1 | AI-DI16/DQ16x24VDC HART (digital mode, 1-wire) | 2856330xxx ¹⁾ | 1 | H2016 | 1 | I2016 | 1 | | | |
| | | 2765980xxx ²⁾ | 1 | H2016 | 1 | I2016 | 1 | | | |
| | | 1349790xxx ⁵⁾ | 1 | H2016 | 1 | I2016 | 1 | | | |
| DO | 6DL1132-6BH00-0PH1 | DQ 16x24VDC/0.5A (1-wire) | 2856330xxx ¹⁾ | 1 | H2016 | 1 | | | O2016 | 1 |
| | | | 2765980xxx ²⁾ | 1 | H2016 | 1 | | | O2016 | 1 |
| | | | 1349790xxx ⁵⁾ | 1 | H2016 | 1 | | | O2016 | 1 |
| | 6DL1132-6BL00-0PH1 | DQ 32x24VDC/0.5A | 2856380xxx ¹⁾ | 1 | H2016 | 2 | | | O2016 | 2 |
| | | | 2757820xxx ²⁾ | 1 | H2016 | 2 | | | O2016 | 2 |
| | | | 1349790xxx ⁵⁾ | 1 | H2016 | 2 | | | O2016 | 2 |
| 6DL1132-6HD50-0PK0 | RQ 4x24VDC 230VAC/5A | 2766020xxx ³⁾ | 1 | R2416 | 1 | | | | | |
| | | 7789104xxx ⁵⁾ | 1 | R2416 | 1 | | | | | |
| AI | 6DL1133-6EW00-0PH1 | AI-DI16/DQ16x24VDC HART (Analogue mode, 2-conductor terminal of a measuring transducer) | 2856400xxx ¹⁾ | 1 | A3716 | 1 | | | | |
| | | | 2766030xxx ²⁾ | 1 | A3716 | 1 | | | | |
| | | | 2766040xxx ⁴⁾ | 1 | A3716 | 1 | | | | |
| | | | 1350500xxx ⁵⁾ | 1 | A3716 | 1 | | | | |
| | 6DL1134-6TH00-0PH1 | AI 16x1 2-WIRE HART (2-wire) | 2856400xxx ¹⁾ | 1 | A3716 | 1 | | | | |
| | | | 2766030xxx ²⁾ | 1 | A3716 | 1 | | | | |
| | | | 2766040xxx ⁴⁾ | 1 | A3716 | 1 | | | | |
| | | | 1350500xxx ⁵⁾ | 1 | A3716 | 1 | | | | |
| | | | 2856410xxx ¹⁾ | 1 | A3716 | 1 | | | | |
| 6DL1134-6JH00-0PH1 ^{C)} | AI16xTC/8xRTD 2-/3-/4-WIRE(2-wire) | 2766050xxx ²⁾ | 1 | A3716 | 1 | | | | | |
| | | 2766060xxx ⁴⁾ | 1 | A3716 | 1 | | | | | |
| | | 1350500xxx ⁵⁾ | 1 | A3716 | 1 | | | | | |
| AO | 6DL1135-6TF00-0PH1 | AQ 8x1 HART HA | 2856420xxx ¹⁾ | 1 | A2508 | 1 | | | | |
| | | | 2766070xxx ²⁾ | 1 | A2508 | 1 | | | | |
| | | | 2766080xxx ⁴⁾ | 1 | A2508 | 1 | | | | |
| | | | 1350490xxx ⁵⁾ | 1 | A2508 | 1 | | | | |

Note

A) Only possible if configured at 24 V DC
 B) Connection 1 to 1 between interface and I/O card. The pin 37-39 of the interface has to be connected to Supply + and de 38-40 to Supply.
 C) Sub-D Terminal block does not support temperature compensation for TC.

In the case that in the Order No. appear 2 or more part-numbers, recommendation is to use option 1)
 1) Sub-D Terminal block 6DL1193-6TC00-0DHO NOT included with the cable. Recommended cable for this card
 2) Starting Terminal block 6DL1193-6TP00-0DH1 included with the cable
 3) Starting Terminal block 6DL1193-6TP00-0DK0 included with the cable
 4) Bridged Terminal block 6DL1193-6TP00-0BH1 included with the cable
 5) The cable is supplied with the ferrules and the corresponding interface connector. The terminal block is NOT included with the cable. The customer has to wire the cable to the terminal block by itself.

- All interfaces which are connected with an pre-assembled cable with starting Terminal block the supply voltage has to be connected in the interface.
- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

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A

| | PLC | | Cables | | Interfaces | | | | | |
|-------------|--------------------------------|-------------------------|------------|----------|-------------------------------------|----------|-------------------|----------|-------------------|----------|
| | Input/Output cards | | Standard | | Direct inputs/outputs | | Insulated inputs | | Insulated outputs | |
| | | | | | - see page A.39 (H,R) or A.53 (A) - | | - see page A.58 - | | - see page A.62 - | |
| | Manufacturer code | Number/Type of channels | Order No. | Quantity | Type | Quantity | Type | Quantity | Type | Quantity |
| DI | 1315210000 UR20-16DI-P-PLC-INT | 16 DI | 1405060xxx | 1 | H2016 | 1 | I2016 | 1 | | |
| DO | 1315270000 UR20-16DO-P-PLC-INT | 16 DO | 1405060xxx | 1 | H2016 | 1 | | | O2016 | 1 |
| AI | 1315670000 UR20-8AI-I-PLC-INT | 8AI | 1478470xxx | 1 | A2508 | 1 | | | | |
| Note | | | | | | | | | | |

RS IO – Selection guide for passive interfaces for digital signals

| Number of channels | Type | | Features | | | | Interfaces | | | |
|---|--------|--|------------------|---|--|---|--|------------------|---------------------|------|
| | Family | Type of wiring | Connection | | LED by channel | Disconnectable | Fuse | Order No. | Type | Page |
| | | | Screw connection | Tension clamp connection | | | | | | |
| Universal | H20 | 1:1 | | | | | | 0224261001 | RS F20 LP2N 5/20 | D.6 |
| | | 1:1 | | | | | | 8537110000 | RS F20 Z | D.6 |
| | H40 | 1:1 | | | | | | 0224461001 | RS F40 LP2N 5/40 | D.6 |
| | | 1:1 | | | | | | 8537140000 | RS F40 Z | D.6 |
| 8-channel | H2008 | 2-wire | | | | | | 9445530000 | RS 8IO 2W L H S | A.40 |
| 16-channel | H2016 | 1-wire | | | | | | 9445700000 | RS 16IO 1W H S | A.41 |
| | | | | | | | | 9445710000 | RS 16IO 1W L H S | A.41 |
| | | | | | | | | 1311750000 | RS 16IO 1W H Z | A.41 |
| | | | | | | | | 1311770000 | RS 16IO 1W L H Z | A.41 |
| | | | | | | | | 9445810000 | RS 16IO 1W I L H S | A.42 |
| | | | | | | | | 1311780000 | RS 16IO 1W I L H Z | A.42 |
| | | 2-wire | | | | | | 9445720000 | RS 16IO 2W H S | A.43 |
| | | | | | | | | 9445730000 | RS 16IO 2W L H S | A.43 |
| | | | | | | | | 1311790000 | RS 16IO 2W H Z | A.43 |
| | | | | | | | | 1311800000 | RS 16IO 2W L H Z | A.43 |
| | | | | | | | | 1311810000 | RS 16IO 2W I H S | A.44 |
| | | | | | | | | 9445750000 | RS 16IO 2W I L H S | A.44 |
| | | | | | | | | 1311820000 | RS 16IO 2W I H Z | A.44 |
| | | | | | | | | 1311830000 | RS 16IO 2W I L H Z | A.44 |
| | | | | | | | | 1431700000 | RS 16IO 2W I L 2H S | A.45 |
| | | | | | | | | 9445820000 | RS 16IO 2W F H S | A.46 |
| | | | | | | | | 1311850000 | RS 16IO 2W F L H S | A.46 |
| | | | | | | | | 1311840000 | RS 16IO 2W F H Z | A.46 |
| | | | | | | 1311870000 | RS 16IO 2W F L H Z | A.46 | | |
| | 3-wire | | | | | | 9445760000 | RS 16IO 3W H S | A.47 | |
| | | | | | | | 9445770000 | RS 16IO 3W L H S | A.47 | |
| | | | | | | | 1311880000 | RS 16IO 3W H Z | A.47 | |
| | | | | | | | 1311890000 | RS 16IO 3W L H Z | A.47 | |
| | | | | | | | 9441500000 | RS 16IO 1W R S | A.48 | |
| | | | | | | 9441860000 | RS 16IO 1W I R S | A.48 | | |
| R2416 | 2-wire | | | | | 9441700000 | RS 16IO 2W R S | A.49 | | |
| | 3-wire | | | | | 9441560000 | RS 16IO 2W F R S | A.49 | | |
| | 3-wire | | | | | 9441600000 | RS 16IO 3W I R S | A.50 | | |
| 32-channel | R3632 | 1-wire | | | | | | 9441510000 | RS 32IO 1W R S | A.51 |
| | | | | | | | | 9441870000 | RS 32IO 1W I R S | A.51 |
| | | 2-wire | | | | | | 9441710000 | RS 32IO 2W R S | A.52 |
| | | | | | | | | 9441570000 | RS 32IO 2W F R S | A.52 |
| Note 1: Coding of the interface descriptions | | RS: 8IO: 8 inputs/outputs 12IO: 12 inputs/outputs 16IO: 16 inputs/outputs 32IO: 32 inputs/outputs | | 1W: 1-wire 2W: 2-wire 3W: 3-wire Number of wires | (empty): Direct I: Switch L: LED F: Fuse H: Switch + LED FL: Fuse + LED | H HE connector (ribbon cable) R: RSV connector | S: Screw connection Z: Tension clamp connection | | | |

RS IO – Interface

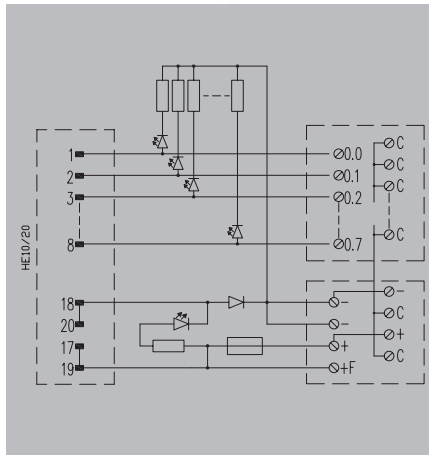
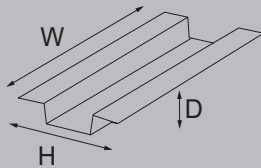
for 8 digital signals 2-wire H (HE connector) system

Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

RS 8IO 2W L H

H system, 2 wires with LED



Technical data

| |
|--|
| Connection data and functionality |
| Connection on control side |
| Number of poles (control side) |
| LED status display per channel |
| LED status of the supply voltage |
| Fuse per channel |
| Power supply fuse |
| Type of test point |
| Rated data |
| Operating voltage |
| Max. current per channel |
| Operating voltage (supply) |
| Operating current (supply) |
| General data |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |
| Dimensions |
| Clamping range, min./max. |
| Clamping range, min./max. |
| Rail |
| Width / Height |
| Note |

| |
|---|
| Plug-in connector in acc. with IEC60603-13 / DIN41651 |
| 20-pole plug |
| green |
| yellow |
| No |
| 3.15 A |
| No |
| CE |
| 24 V DC ± 10% |
| 1 A |
| 24 V DC ± 10% |
| 2 A |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE, EAC |
| < 50 V AC |
| III |
| 2 |
| 0.8 kV |
| Screw connection |
| 0.13 mm ² / 6 mm ² |
| 0.13 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 74 mm / 87 mm |
| The common C may carry up to 3 A if the external jumpers are not used |

Ordering data

| |
|---------------------------|
| Screw connection with LED |
|---------------------------|

| Type | Depth | Order No. |
|-----------------|-------|------------|
| RS 8IO 2W L H S | 72 mm | 9445530000 |

| |
|-------------|
| Note |
|-------------|

| |
|--|
| The UL values only apply to the version with screw connection (UL recognised). |
|--|

Accessories

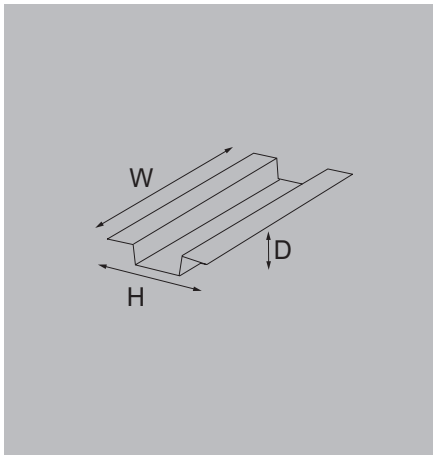
| |
|-------------|
| Note |
|-------------|

| |
|--|
| |
|--|

RS IO – Interface for 16 digital signals 1-wire H system

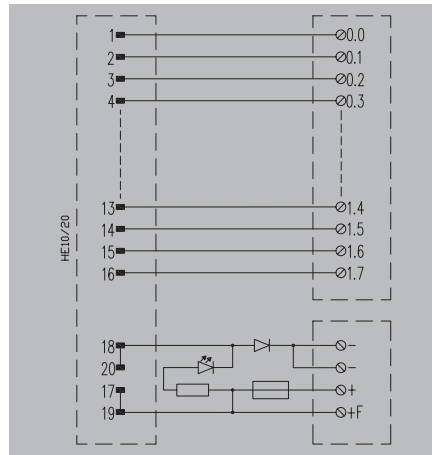
Digital input/output passive interface

- 1, 2 or 3 conductors
- With LED status indicator (optional)
- With fuse or circuit breaker per channel (optional)
- Surge protection fuse
- Screw connection or plug-in connection



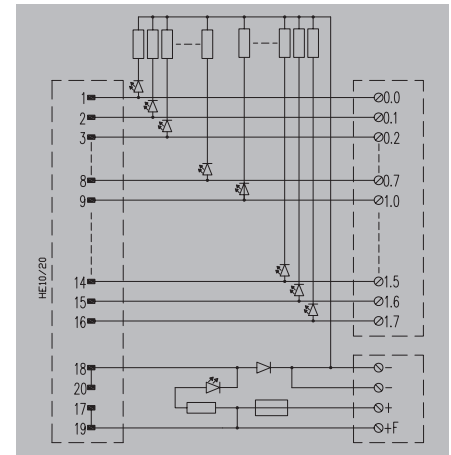
RS 16IO 1W H

H system, 1 wire



RS 16IO 1W L H

H system, 1 wire with LED



Technical data

| Connection data and functionality |
|-----------------------------------|
| Connection on control side |
| Number of poles (control side) |
| LED status display per channel |
| LED status of the supply voltage |
| Fuse per channel |
| Power supply fuse |
| Type of test point |
| Rated data |
| Operating voltage |
| Max. current per channel |
| Operating voltage (supply) |
| Operating current (supply) |
| General data |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |
| Dimensions |
| Clamping range, min./max. |
| Clamping range, min./max. |
| Rail |
| Width / Height |
| Note |

Ordering data

| Type | Depth | Order No. |
|----------------|-------|------------|
| RS 16IO 1W H S | 72 mm | 9445700000 |
| RS 16IO 1W H Z | 72 mm | 1311750000 |

The UL values only apply to the version with screw connection (UL recognised).

Accessories

| Note |
|------|
| |

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| No | |
| yellow | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| 25 V AC / 50 V DC | |
| 1 A | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 46 mm / 87 mm | 46 mm / 87 mm |

| Type | Depth | Order No. |
|------------------|-------|------------|
| RS 16IO 1W L H S | 72 mm | 9445710000 |
| RS 16IO 1W L H Z | 72 mm | 1311770000 |

The UL values only apply to the version with screw connection (UL recognised).

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| green | |
| yellow | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 1 A | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 46 mm / 87 mm | 46 mm / 87 mm |

| Type | Depth | Order No. |
|------------------|-------|------------|
| RS 16IO 1W L H S | 72 mm | 9445710000 |
| RS 16IO 1W L H Z | 72 mm | 1311770000 |

The UL values only apply to the version with screw connection (UL recognised).

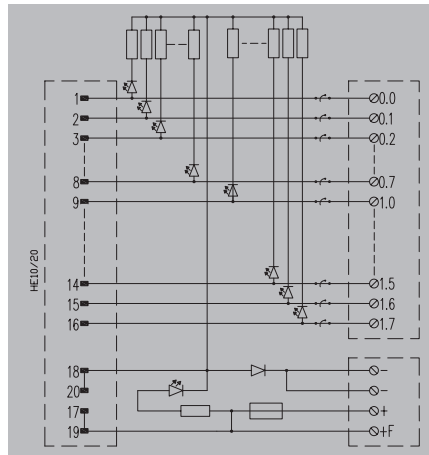
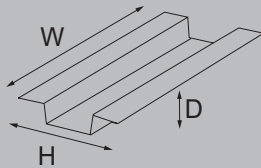
RS IO – Interface
for 16 digital signals 1-wire H system

Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

RS 16IO 1W I-L H

H system, 1 wire with LED and disconnection per channel



Technical data

| |
|--|
| Connection data and functionality |
| Connection on control side |
| Number of poles (control side) |
| LED status display per channel |
| LED status of the supply voltage |
| Fuse per channel |
| Power supply fuse |
| Type of test point |
| Rated data |
| Operating voltage |
| Max. current per channel |
| Operating voltage (supply) |
| Operating current (supply) |
| General data |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |
| Dimensions |
| Clamping range, min./max. |
| Clamping range, min./max. |
| Rail |
| Width / Height |
| Note |

| | |
|---|--|
| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
| 20-pole plug | |
| green | |
| yellow | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 1 A | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.14 mm ² / 1.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.14 mm ² / 1.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 110 mm / 87 mm | 110 mm / 87 mm |

Ordering data

| |
|--------------------------------------|
| Screw connection without LED |
| Screw connection with LED |
| Tension clamp connection without LED |
| Tension clamp connection with LED |
| Note |

| Type | Depth | Order No. |
|--------------------|-------|------------|
| RS 16IO 1W I-L H S | 72 mm | 9445810000 |
| RS 16IO 1W I-L H Z | 72 mm | 1311780000 |

The UL values only apply to the version with screw connection (UL recognised).

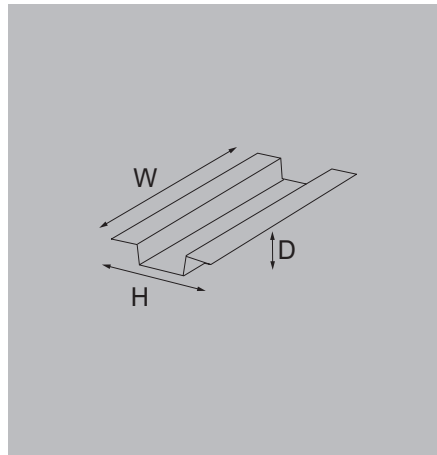
Accessories

| |
|-------------|
| Note |
|-------------|

RS IO – Interface
for 16 digital signals 2-wire H system

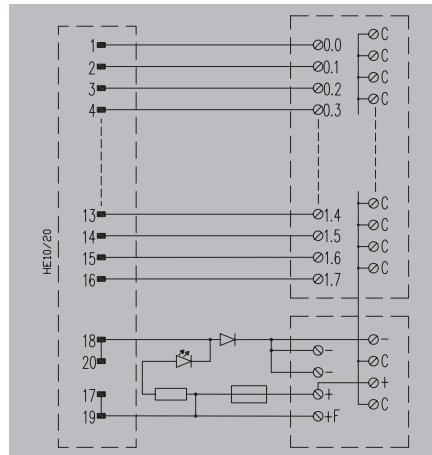
Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection



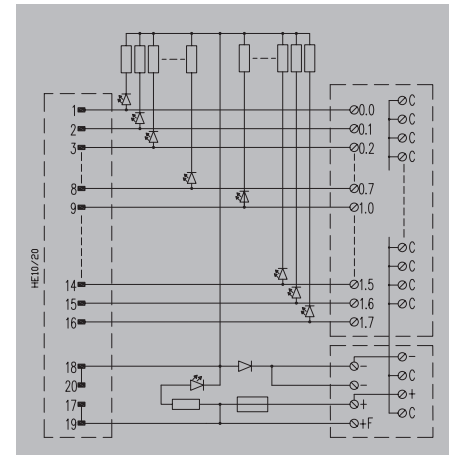
RS 16IO 2W H

H system, 2 wires



RS 16IO 2W L H

H system, 2 wires with LED



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | | | |
|---|--|--|--|
| 20-pole plug | | | |
| No | | | |
| yellow | | | |
| No | | | |
| 3.15 A | | | |
| No | | | |
| CE | | | |
| 25 V AC / 50 V DC | | | |
| 1 A | | | |
| 24 V DC ± 10% | | | |
| 2 A | | | |
| CE | | | |
| -25...50 °C | | | |
| -40...60 °C | | | |
| CE, EAC | | | |
| < 50 V AC | | | |
| III | | | |
| 2 | | | |
| 0.8 kV | | | |
| Screw connection | | Tension-clamp connection | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | | TS 35, TS 32 | |
| 87 mm / 87 mm | | 87 mm / 87 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | | | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | | | |
|---|--|--|--|
| 20-pole plug | | | |
| green | | | |
| yellow | | | |
| No | | | |
| 3.15 A | | | |
| No | | | |
| CE | | | |
| 24 V DC ± 10% | | | |
| 1 A | | | |
| 24 V DC ± 10% | | | |
| 2 A | | | |
| CE | | | |
| -25...50 °C | | | |
| -40...60 °C | | | |
| CE, EAC | | | |
| < 50 V AC | | | |
| III | | | |
| 2 | | | |
| 0.8 kV | | | |
| Screw connection | | Tension-clamp connection | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | | TS 35, TS 32 | |
| 87 mm / 87 mm | | 87 mm / 87 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | | | |

Ordering data

| Screw connection without LED | |
|--------------------------------------|--|
| Screw connection with LED | |
| Tension clamp connection without LED | |
| Tension clamp connection with LED | |
| Note | |

| Type | Depth | Order No. |
|--|-------|------------|
| RS 16IO 2W H S | 72 mm | 9445720000 |
| RS 16IO 2W H Z | 72 mm | 1311790000 |
| The UL values only apply to the version with screw connection (UL recognised). | | |

| Type | Depth | Order No. |
|--|-------|------------|
| RS 16IO 2W L H S | 72 mm | 9445730000 |
| RS 16IO 2W L H Z | 72 mm | 1311800000 |
| The UL values only apply to the version with screw connection (UL recognised). | | |

Accessories

| Note | |
|------|--|
|------|--|

RS IO – Interface
for 16 digital signals 2-wire H system

Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

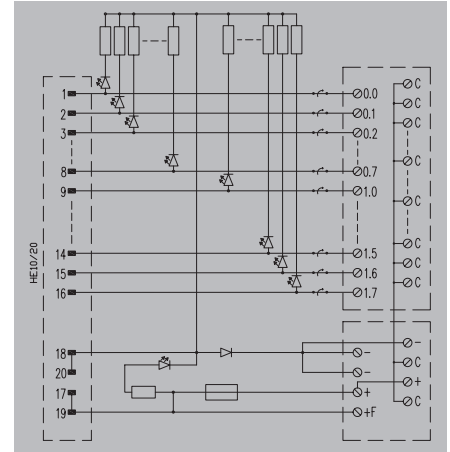
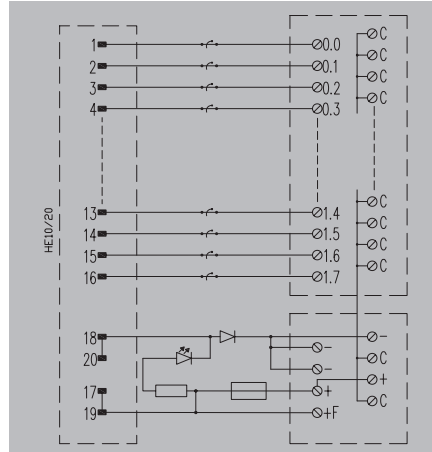
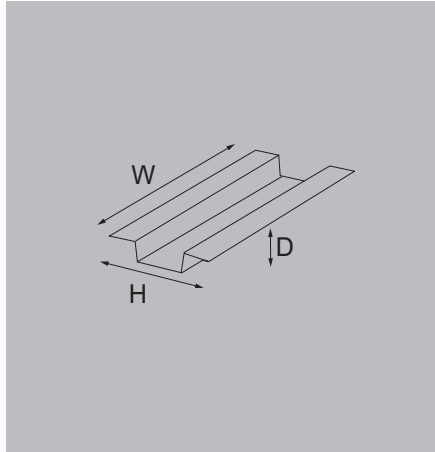
RS 16IO 2W I H

H system, 2 wires with disconnection per channel



RS 16IO 2W I L H

H system, 2 wires with LED and disconnection per channel



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| No | |
| yellow | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| 25 V AC / 50 V DC | |
| 1 A | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 95 mm / 87 mm | 95 mm / 87 mm |
| The common C may carry up to 3 A if the external jumpers are not used | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| green | |
| yellow | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 1 A | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 95 mm / 87 mm | 95 mm / 87 mm |
| The common C may carry up to 3 A if the external jumpers are not used | |

Ordering data

| Screw connection without LED | |
|--------------------------------------|--|
| Screw connection with LED | |
| Tension clamp connection without LED | |
| Tension clamp connection with LED | |
| Note | |

| Type | Depth | Order No. |
|--|-------|------------|
| RS 16IO 2W I H S | 72 mm | 1311810000 |
| RS 16IO 2W I H Z | 72 mm | 1311820000 |
| The UL values only apply to the version with screw connection (UL recognised). | | |

| Type | Depth | Order No. |
|--|-------|------------|
| RS 16IO 2W I L H S | 72 mm | 9445750000 |
| RS 16IO 2W I L H Z | 72 mm | 1311830000 |
| The UL values only apply to the version with screw connection (UL recognised). | | |

Accessories

| Note | |
|------|--|
|------|--|

| Note | |
|------|--|
|------|--|

| Note | |
|------|--|
|------|--|

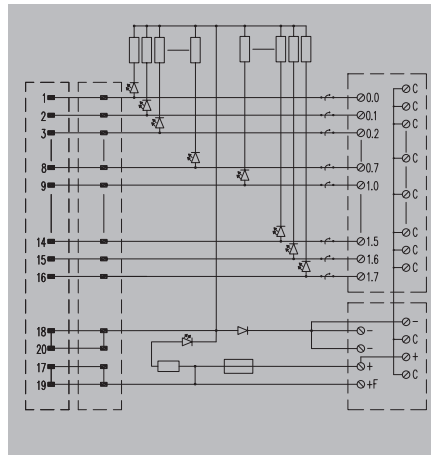
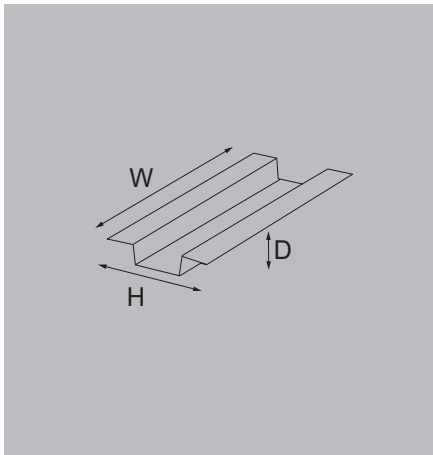
RS IO – Interface
for 16 digital signals 2-wire H system

Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

RS 16IO 2W HL 2H S

2 ribbon connectors for redundancy



Technical data

| |
|--|
| Connection data and functionality |
| Connection on control side |
| Number of poles (control side) |
| LED status display per channel |
| LED status of the supply voltage |
| Fuse per channel |
| Power supply fuse |
| Type of test point |
| Rated data |
| Operating voltage |
| Max. current per channel |
| Operating voltage (supply) |
| Operating current (supply) |
| General data |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |
| Dimensions |
| Clamping range, min./max. |
| Clamping range, min./max. |
| Rail |
| Width / Height |
| Note |

| |
|---|
| Plug-in connector in acc. with IEC60603-13 / DIN41651 |
| 20-pole plug |
| green |
| yellow |
| No |
| 3.15 A |
| No |
| CE |
| 24 V DC ± 10% |
| 1 A |
| 24 V DC ± 10% |
| 2 A |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE, EAC |
| < 50 V AC |
| III |
| 2 |
| 0.8 kV |
| Screw connection |
| 0.13 mm ² / 6 mm ² |
| 0.13 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 91 mm / 109 mm |

Ordering data

| |
|--------------------------------------|
| Screw connection without LED |
| Screw connection with LED |
| Tension clamp connection without LED |
| Tension clamp connection with LED |
| Note |

| Type | Depth | Order No. |
|--|-------|------------|
| RS 16IO 2W HL 2H S | 79 mm | 1431700000 |
| The UL values only apply to the version with screw connection (UL recognised). | | |

Accessories

| |
|-------------|
| Note |
|-------------|

RS IO – Interface
for 16 digital signals 2-wire H system

Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

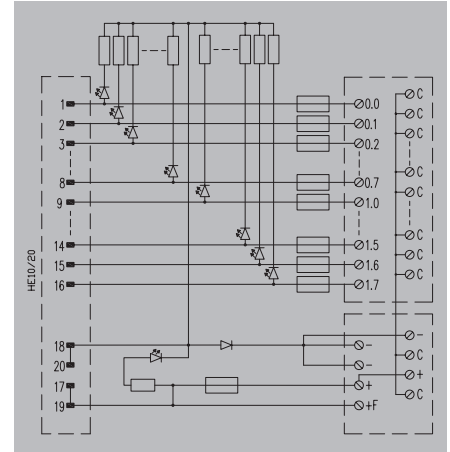
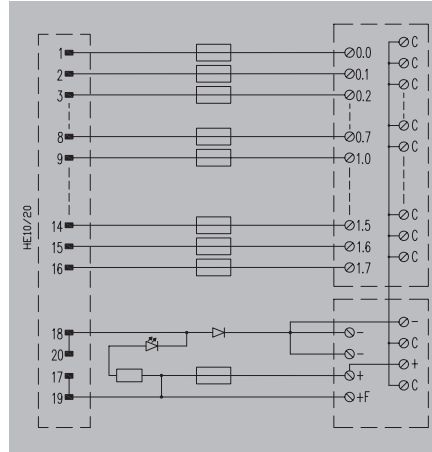
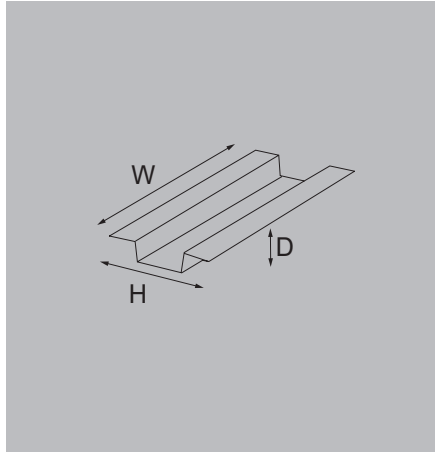
RS 16IO 2W F H

H system, 2 wires with fuse per channel



RS 16IO 2W F-L H

H system, 2 wires with LED and fuse per channel



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| No | |
| yellow | |
| 500 mA | |
| 3.15 A | |
| No | |
| CE | |
| 25 V AC / 50 V DC | |
| 1 A | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 122 mm / 87 mm | 122 mm / 87 mm |
| The common C may carry up to 3 A if the external jumpers are not used | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| green | |
| yellow | |
| 500 mA | |
| 3.15 A | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 1 A | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 122 mm / 87 mm | 122 mm / 87 mm |
| The common C may carry up to 3 A if the external jumpers are not used | |

Ordering data

| Screw connection without LED | |
|--------------------------------------|--|
| Screw connection with LED | |
| Tension clamp connection without LED | |
| Tension clamp connection with LED | |
| Note | |

| Type | Depth | Order No. |
|--|-------|------------|
| RS 16IO 2W F H S | 72 mm | 9445820000 |
| RS 16IO 2W F H Z | 72 mm | 1311840000 |
| The UL values only apply to the version with screw connection (UL recognised). | | |

| Type | Depth | Order No. |
|--|-------|------------|
| RS 16IO 2W F-L H S | 72 mm | 1311850000 |
| RS 16IO 2W F-L H Z | 72 mm | 1311870000 |
| The UL values only apply to the version with screw connection (UL recognised). | | |

Accessories

| Note | |
|------|--|
|------|--|

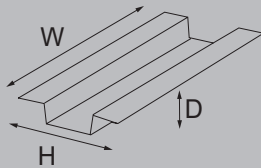
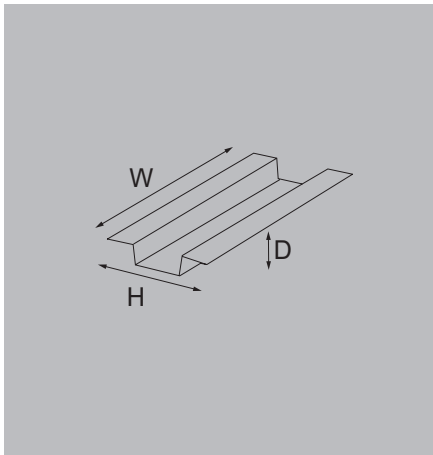
| Note | |
|------|--|
|------|--|

| Note | |
|------|--|
|------|--|

RS IO – Interface
for 16 digital signals 3-wire H system

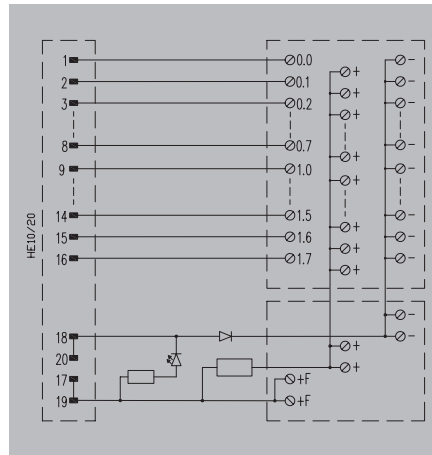
Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection



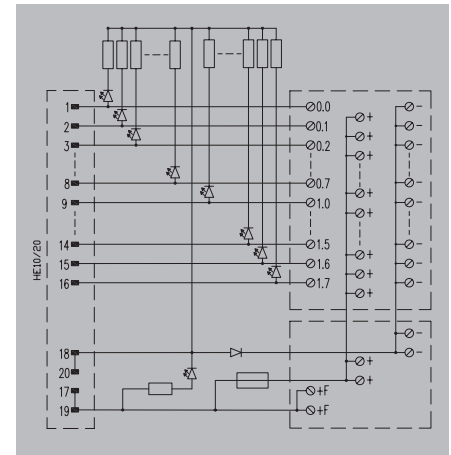
RS 16IO 3W H

H system, 3 wires



RS 16IO 3W L H

H system, 3 wires with LED



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

Ordering data

| | Screw connection without LED |
|------|--------------------------------------|
| | Screw connection with LED |
| | Tension clamp connection without LED |
| | Tension clamp connection with LED |
| Note | |

Accessories

| Note | |
|------|--|
|------|--|

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| No | |
| yellow | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| 25 V AC / 50 V DC | |
| 1 A | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 90 mm / 87 mm | |
| Tension-clamp connection | |
| 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 90 mm / 87 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | |

| Type | Depth | Order No. |
|--|-------|------------|
| RS 16IO 3W H S | 72 mm | 9445760000 |
| RS 16IO 3W H Z | 72 mm | 1311880000 |
| The UL values only apply to the version with screw connection (UL recognised). | | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| green | |
| yellow | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 1 A | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 90 mm / 87 mm | |
| Tension-clamp connection | |
| 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 90 mm / 87 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | |

| Type | Depth | Order No. |
|--|-------|------------|
| RS 16IO 3W L H S | 72 mm | 9445770000 |
| RS 16IO 3W L H Z | 72 mm | 1311890000 |
| The UL values only apply to the version with screw connection (UL recognised). | | |

RS IO – Interface
for 16 digital signals 1-wire R system

Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

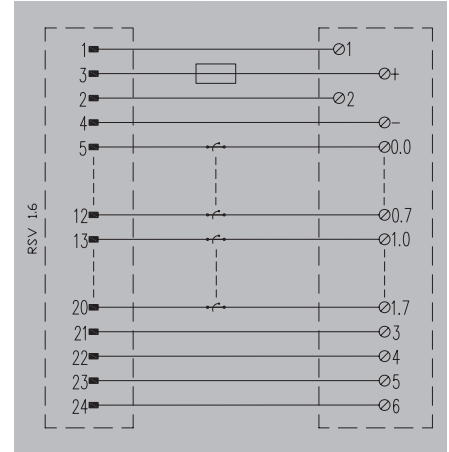
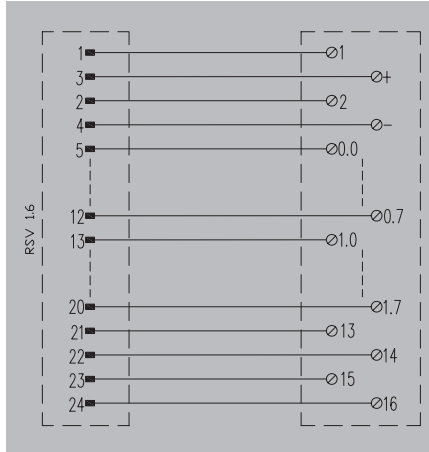
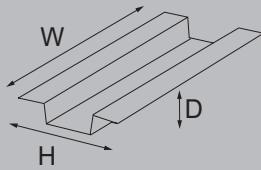
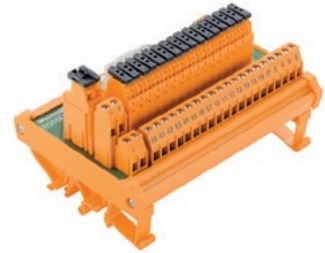
RS 16IO 1W R

R system, 1 wire



RS 16IO 1W I R

R system, 1 wire with disconnection per channel



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Connector RSV 1.6 | | |
|---|--|--|
| 24-pole female | | |
| No | | |
| No | | |
| No | | |
| No | | |
| No | | |
| No | | |
| CE | | |
| 150 V UC | | |
| 1 A | | |
| 24 V DC ± 10% | | |
| 3 A | | |
| CE | | |
| -25...50 °C | | |
| -40...60 °C | | |
| CE, EAC | | |
| < 150 V AC | | |
| II | | |
| 2 | | |
| 1.5 kV | | |
| Screw connection | | |
| 0.2 mm ² / 2.5 mm ² | | |
| 0.2 mm ² / 2.5 mm ² | | |
| TS 35, TS 32 | | |
| 97 mm / 87 mm | | |

| Connector RSV 1.6 | | |
|--|--|--|
| 24-pole female | | |
| No | | |
| No | | |
| No | | |
| 3.15 A | | |
| No | | |
| CE | | |
| 250 V UC | | |
| 1 A | | |
| 24 V DC ± 10% | | |
| 3 A | | |
| CE | | |
| -25...50 °C | | |
| -40...60 °C | | |
| CE, EAC | | |
| < 250 V AC | | |
| II | | |
| 2 | | |
| 2.1 kV | | |
| Screw connection | | |
| 0.13 mm ² / 6 mm ² | | |
| 0.13 mm ² / 6 mm ² | | |
| TS 35, TS 32 | | |
| 127 mm / 87 mm | | |

Ordering data

| |
|------------------------------|
| Screw connection without LED |
|------------------------------|

| Type | Depth | Order No. |
|----------------|-------|------------|
| RS 16IO 1W R S | 68 mm | 9441500000 |

| Type | Depth | Order No. |
|------------------|-------|------------|
| RS 16IO 1W I R S | 72 mm | 9441860000 |

| |
|-------------|
| Note |
|-------------|

| |
|--|
| The UL values only apply to the version with screw connection (UL recognised). |
|--|

| |
|--|
| The UL values only apply to the version with screw connection (UL recognised). |
|--|

Accessories

| |
|-------------|
| Note |
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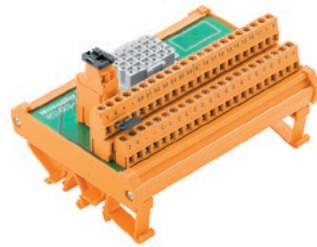
RS IO – Interface
for 16 digital signals 2-wire R system

Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

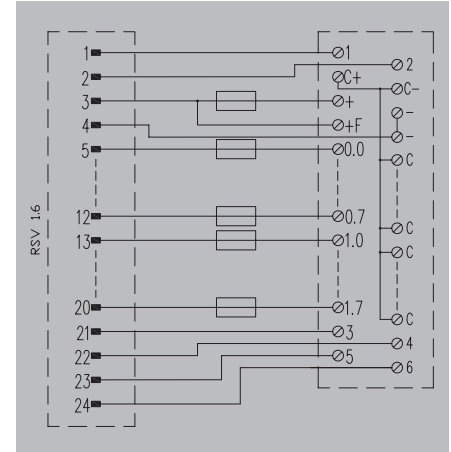
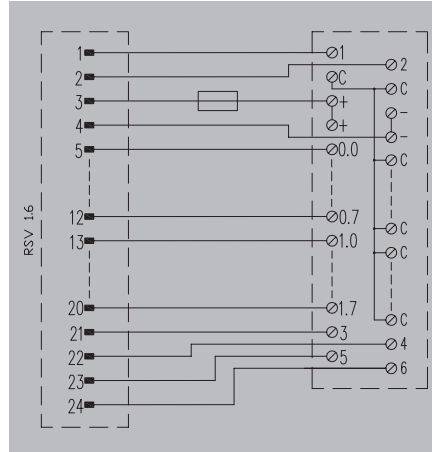
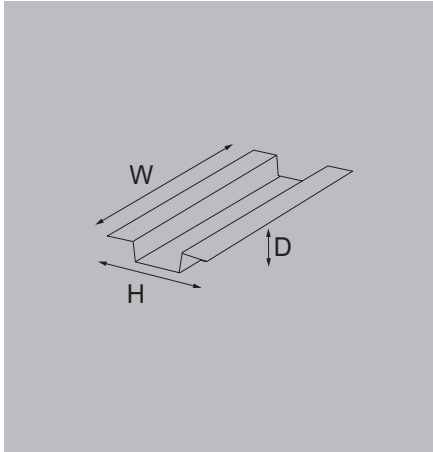
RS 16IO 2W R

R system, 2 wires



RS 16IO 2W F R

R system, 2 wires with fuse per channel



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Connector RSV 1.6 | |
|---|--|
| 24-pole female | |
| No | |
| No | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| 150 V UC | |
| 1 A | |
| 24 V DC ± 10% | |
| 3 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 150 V AC | |
| II | |
| 2 | |
| 1.5 kV | |
| Screw connection | |
| 0.2 mm ² / 2.5 mm ² | |
| 0.2 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 123 mm / 87 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | |

| Connector RSV 1.6 | |
|---|--|
| 24-pole female | |
| No | |
| No | |
| 1 A | |
| 3.15 A | |
| No | |
| CE | |
| 150 V UC | |
| 1 A | |
| 24 V DC ± 10% | |
| 3 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 150 V AC | |
| II | |
| 2 | |
| 1.5 kV | |
| Screw connection | |
| 0.2 mm ² / 2.5 mm ² | |
| 0.2 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 123 mm / 109 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | |

Ordering data

| |
|------------------------------|
| Screw connection without LED |
|------------------------------|

| Type | Depth | Order No. |
|----------------|-------|------------|
| RS 16IO 2W R S | 72 mm | 9441700000 |

| Type | Depth | Order No. |
|------------------|-------|------------|
| RS 16IO 2W F R S | 72 mm | 9441560000 |

| |
|------|
| Note |
|------|

| |
|--|
| The UL values only apply to the version with screw connection (UL recognised). |
|--|

| |
|--|
| The UL values only apply to the version with screw connection (UL recognised). |
|--|

Accessories

| |
|------|
| Note |
|------|

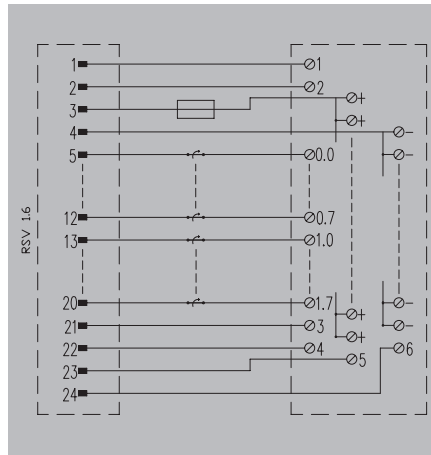
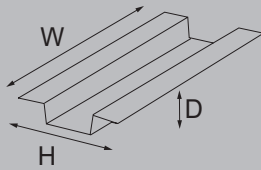
RS IO – Interface
for 16 digital signals 3-wire R system

Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

RS 16IO 3W I R

R system, 3 wires with disconnection per channel



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Connector RSV 1.6 | |
|---|--|
| 24-pole female | |
| No | |
| No | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| 150 V UC | |
| 1 A | |
| 24 V DC ± 10% | |
| 3 A | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| 250 V AC | |
| II | |
| 2 | |
| 1.5 kV | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 116 mm / 109 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | |

Ordering data

| |
|------------------------------|
| Screw connection without LED |
|------------------------------|

| Type | Depth | Order No. |
|------------------|-------|------------|
| RS 16IO 3W I R S | 84 mm | 9441600000 |

| |
|-------------|
| Note |
|-------------|

| |
|--|
| The UL values only apply to the version with screw connection (UL recognised). |
|--|

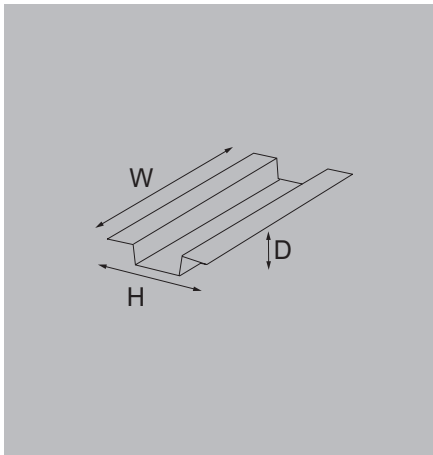
| |
|--------------------|
| Accessories |
| Note |

| |
|--|
| |
|--|

RS IO – Interface
for 32 digital signals 1-wire R system

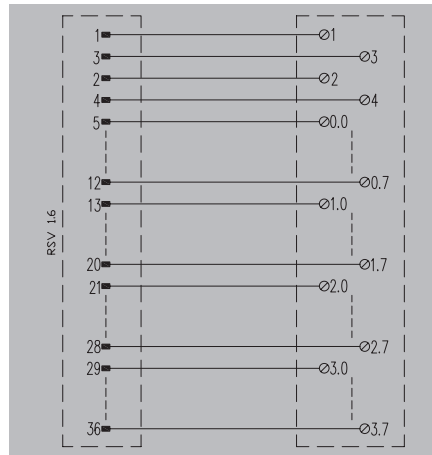
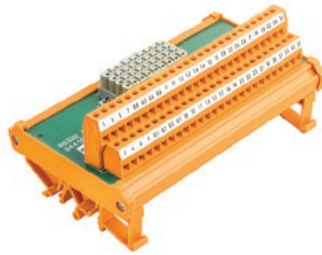
Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection



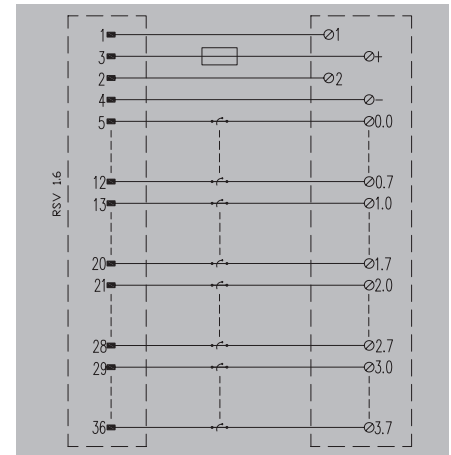
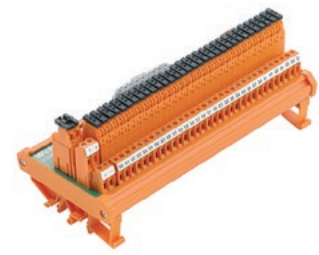
RS 32IO 1W R

R system, 1 wire



RS 32IO 1W I R

R system, 1 wire with disconnection per channel



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| |
|--|
| Connector RSV 1.6 |
| 36-pole female |
| No |
| No |
| No |
| No |
| No |
| No |
| CE |
| 150 V UC |
| 1 A |
| 24 V DC ± 10% |
| 3 A |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE, EAC |
| < 150 V AC |
| II |
| 2 |
| 1.5 kV |
| Screw connection |
| 0.2 mm ² / 2.5 mm ² |
| 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 |
| 148 mm / 87 mm |

| |
|--|
| Connector RSV 1.6 |
| 36-pole female |
| No |
| No |
| No |
| 3.15 A |
| No |
| CE |
| 250 V UC |
| 1 A |
| 24 V DC ± 10% |
| 3 A |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE, EAC |
| < 250 V AC |
| II |
| 2 |
| 2.1 kV |
| Screw connection |
| 0.13 mm ² / 6 mm ² |
| 0.13 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 188 mm / 87 mm |

Ordering data

| | |
|--|------------------------------|
| | Screw connection without LED |
|--|------------------------------|

| Type | Depth | Order No. |
|----------------|-------|------------|
| RS 32IO 1W R S | 72 mm | 9441510000 |

| Type | Depth | Order No. |
|------------------|-------|------------|
| RS 32IO 1W I R S | 72 mm | 9441870000 |

Note

The UL values only apply to the version with screw connection (UL recognised).

The UL values only apply to the version with screw connection (UL recognised).

Accessories

Note

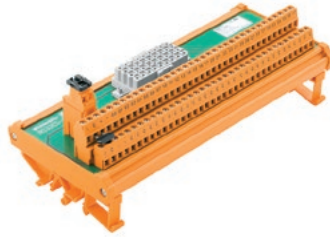
RS IO – Interface
for 32 digital signals 2-wire R system

Digital input/output passive interface

- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

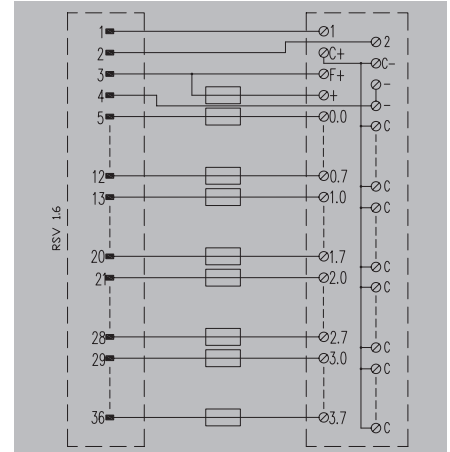
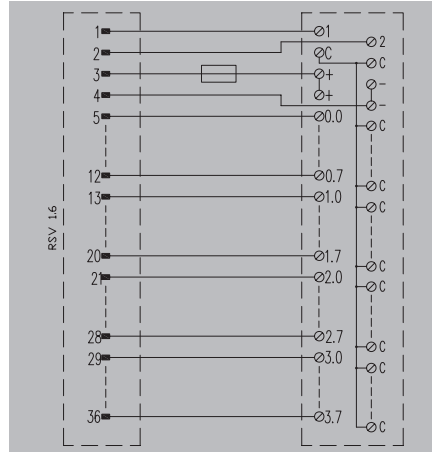
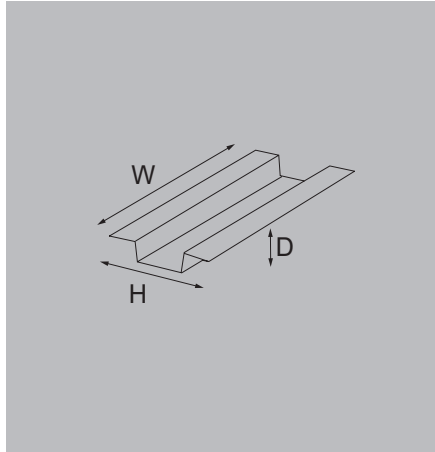
RS 32IO 2W R

R system, 2 wires



RS 32IO 2W F R

R system, 2 wires with fuse per channel



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Connector RSV 1.6 |
|---|
| 36-pole female |
| No |
| No |
| No |
| 3.15 A |
| No |
| CE |
| 150 V UC |
| 1 A |
| 24 V DC ± 10% |
| 3 A |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE, EAC |
| < 150 V AC |
| II |
| 2 |
| 1.5 kV |
| Screw connection |
| 0.2 mm ² / 2.5 mm ² |
| 0.2 mm ² / 2.5 mm ² |
| TS 35, TS 32 |
| 200 mm / 87 mm |
| The common C may carry up to 3 A if the external jumpers are not used |

| Connector RSV 1.6 |
|---|
| 36-pole female |
| No |
| No |
| 2 A |
| 3.15 A |
| No |
| CE |
| 150 V UC |
| 1 A |
| 24 V DC ± 10% |
| 3 A |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE, EAC |
| < 150 V AC |
| II |
| 2 |
| 1.5 kV |
| Screw connection |
| 0.13 mm ² / 6 mm ² |
| 0.13 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 200 mm / 109 mm |
| The common C may carry up to 3 A if the external jumpers are not used |

Ordering data

| |
|------------------------------|
| Screw connection without LED |
|------------------------------|

| Type | Depth | Order No. |
|----------------|-------|------------|
| RS 32IO 2W R S | 72 mm | 9441710000 |

| Type | Depth | Order No. |
|------------------|-------|------------|
| RS 32IO 2W F R S | 84 mm | 9441570000 |

| |
|------|
| Note |
|------|

| |
|--|
| The UL values only apply to the version with screw connection (UL recognised). |
|--|

| |
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| The UL values only apply to the version with screw connection (UL recognised). |
|--|






















Accessories

| |
|------|
| Note |
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RS A – Selection guide for passive interfaces for analogue signals

| Type of Interface | | Features | | | | | Interfaces | | |
|--|---|---|---|---------------------|----------------|---------------------|------------------------|------------------------|------|
| Number of channels | Family | Connection | | Common distribution | Disconnectable | Test points | Order No. | Type | Page |
| | | Screw connection | Tension clamp connection | | | | | | |
| Universal | A15 |  |  | | | | 8005201001 | RS SD15S UNC 4.40 LP2N | D.8 |
| | | | | | | | 8537390000 | RS SD15 SZ | D.8 |
| | A25 |  |  | | | | 8005181001 | RS SD25S UNC 4.40 LP2N | D.8 |
| | | | | | | | 8537370000 | RS SD25 SZ | D.8 |
| | A37 |  |  | | | | 8003881001 | RS SD37S UNC 4.40 LP2N | D.8 |
| | | | | | | | 8537240000 | RS SD37 SZ | D.8 |
| A50 |  |  | | | | 8005161001 | RS SD50S UNC 4.40 LP2N | D.8 | |
| | | | | | | 8537350000 | RS SD50 SZ | D.8 | |
| 4-channels | A1504 |  |  | TTTT | | | 9448000000 | RS 4AI0 DP SD S | A.54 |
| | | | | TTTT | | | 1308230000 | RS 4AI0 DP SD Z | A.54 |
| | |  |  | TTTT | (↔) | ! | 9448100000 | RS 4AI0 I-M-DP SD S | A.54 |
| | | | | TTTT | (↔) | ! | 1308240000 | RS 4AI0 I-M-DP SD Z | A.54 |
| 8-channel | A2508 |  |  | TTTT | | | 9448010000 | RS 8AI0 DP SD S | A.55 |
| | | | | TTTT | | | 1308250000 | RS 8AI0 DP SD Z | A.55 |
| | |  |  | TTTT | (↔) | ! | 9448110000 | RS 8AI0 I-M-DP SD S | A.55 |
| | | TTTT | (↔) | ! | 9449110000 | RS 8AI0 I-M-DP SD Z | A.55 | | |
| 8-channel P | A2508P |  | | TTTT | (↔) | | 9448030000 | RS 8AI PREM/APR SD S | A.56 |
| 16-channel | A3716 |  |  | TTTT | | | 9448020000 | RS 16AI0 DP SD S | A.57 |
| | | | | TTTT | | | 1308270000 | RS 16AI0 DP SD Z | A.57 |
| | |  |  | TTTT | (↔) | ! | 9448120000 | RS 16AI0 I-M-DP SD S | A.57 |
| | | | | TTTT | (↔) | ! | 1308280000 | RS 16AI0 I-M-DP SD Z | A.57 |
| Note: Coding of the interface descriptions RS 4AI0: 4 inputs/outputs 8AI0: 8 inputs/outputs 8AI: 8 inputs 8AI1AO: 8 inputs/1 outputs 16AI0: 16 inputs/outputs DP: Power distribution (empty) I-M: Switch + Test point M258: For Schneider M258 PREM/APR: For Schneider Premium MICRO: For Schneider Micro (empty) SD connector SUB-D S: Screw connection Z: Tension clamp connection | | | | | | | | | |

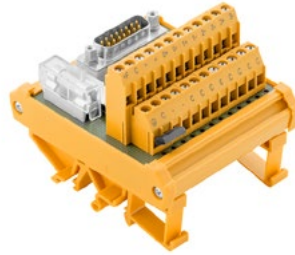
**RS A - Passive interface
for 4 analogue signals**

Analogue input/output passive interface:

- With test points or disconnection per channel (optional)
- Screw or tension clamp connection

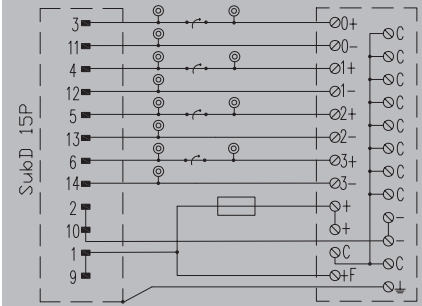
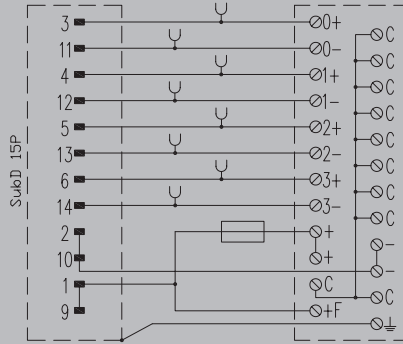
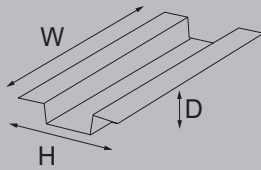
RS 4AIO DP SD

4 channels



RS 4AIO I-M-DP SD

4 channels, test points and disconnection per channel



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| D-sub connectors, acc. to IEC 60807 / DIN 41652 | | | |
|---|--|--|--|
| 15-pole plug | | | |
| No | | | |
| No | | | |
| 3.15 A | | | |
| No | | | |
| CE | | | |
| ≤ 25 V AC / 50 V DC | | | |
| 0.5 A | | | |
| 24 V DC ± 10% | | | |
| 3 A | | | |
| -20...50 °C | | | |
| -40...60 °C | | | |
| CE; EAC | | | |
| < 50 V AC | | | |
| III | | | |
| 2 | | | |
| 0.8 kV | | | |
| Screw connection | | Tension clamp conn. | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | | TS 35, TS 32 | |
| 75 mm / 87 mm | | 75 mm / 87 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | | | |

| D-sub connectors, acc. to IEC 60807 / DIN 41652 | | | |
|---|--|--|--|
| 15-pole plug | | | |
| No | | | |
| No | | | |
| 3.15 A | | | |
| Diameter: 4 mm | | | |
| CE | | | |
| ≤ 25 V AC / 50 V DC | | | |
| 0.5 A | | | |
| 24 V DC ± 10% | | | |
| 3 A | | | |
| -20...50 °C | | | |
| -40...60 °C | | | |
| CE; EAC | | | |
| < 50 V AC | | | |
| III | | | |
| 2 | | | |
| 0.8 kV | | | |
| Screw connection | | Tension clamp conn. | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | | TS 35, TS 32 | |
| 73 mm / 109 mm | | 73 mm / 109 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | | | |

Ordering data

| Type | Depth | Order No. |
|-----------------|-------|------------|
| RS 4AIO DP SD S | 72 mm | 944800000 |
| RS 4AIO DP SD Z | 72 mm | 1308230000 |

| Type | Depth | Order No. |
|---------------------|-------|------------|
| RS 4AIO I-M-DP SD S | 81 mm | 9448100000 |
| RS 4AIO I-M-DP SD Z | 81 mm | 1308240000 |

Note: The UL values only apply to the version with screw connection (UL recognised).

Note: The UL values only apply to the version with screw connection (UL recognised).

Accessories

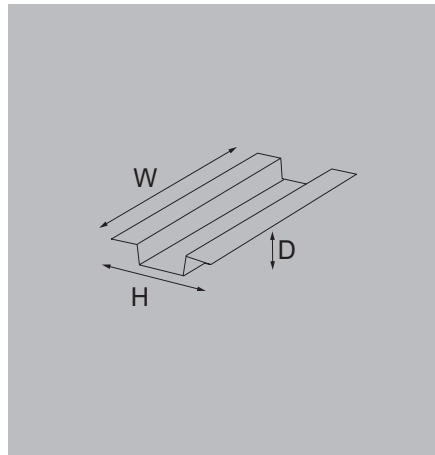
Note

Note

RS A – Interface
for 8 analogue signals

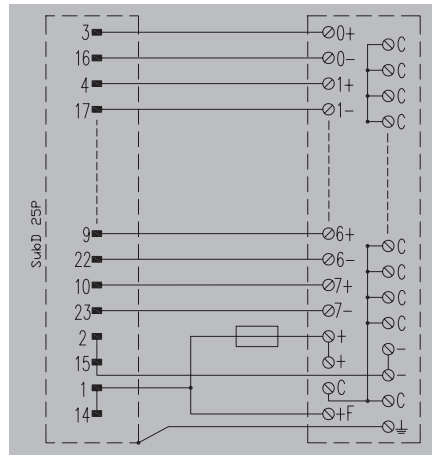
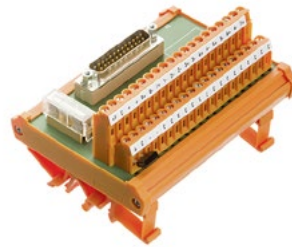
Analogue input/output passive interface:

- With test points or disconnection per channel (optional)
- Screw or tension clamp connection



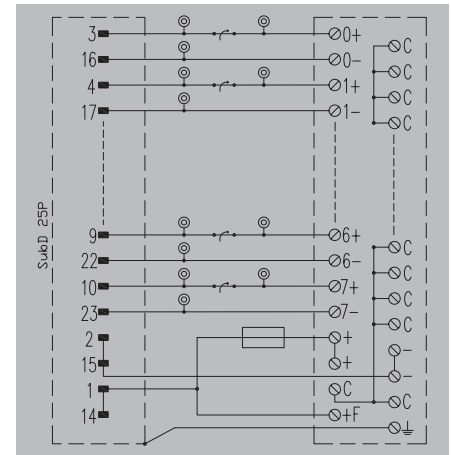
RS 8AIO DP SD

8 channels



RS 8AIO I-M-DP SD

8 channels, test points and disconnection per channel



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| D-sub connectors, acc. to IEC 60807 / DIN 41652 | |
|---|--|
| 25-pole plug | |
| No | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| ≤ 25 V AC / 50 V DC | |
| 0.5 A | |
| 24 V DC ± 10% | |
| 3 A | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 117 mm / 87 mm | |
| Tension-clamp connection | |
| 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 117 mm / 87 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | |

| D-sub connectors, acc. to IEC 60807 / DIN 41652 | |
|---|--|
| 25-pole plug | |
| No | |
| No | |
| 3.15 A | |
| Diameter: 4 mm | |
| CE | |
| ≤ 25 V AC / 50 V DC | |
| 0.5 A | |
| 24 V DC ± 10% | |
| 3 A | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 114 mm / 109 mm | |
| Tension-clamp connection | |
| 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 114 mm / 109 mm | |
| The common C may carry up to 3 A if the external jumpers are not used | |

Ordering data

| | |
|--------------------------|--|
| Screw connection | |
| Tension clamp connection | |

| Type | Depth | Order No. |
|-----------------|-------|------------|
| RS 8AIO DP SD S | 72 mm | 9448010000 |
| RS 8AIO DP SD Z | 72 mm | 1308250000 |

| Type | Depth | Order No. |
|---------------------|-------|------------|
| RS 8AIO I-M-DP SD S | 81 mm | 9448110000 |
| RS 8AIO I-M-DP SD Z | 81 mm | 9449110000 |

Note

The UL values only apply to the version with screw connection (UL recognised).

The UL values only apply to the version with screw connection (UL recognised).

Accessories

| |
|-------------|
| Note |
|-------------|

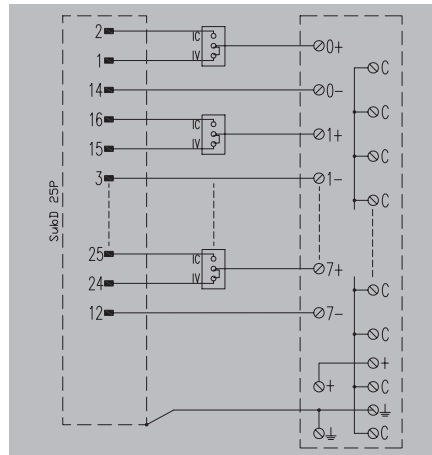
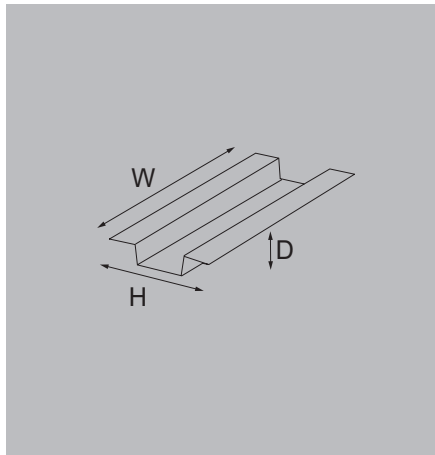
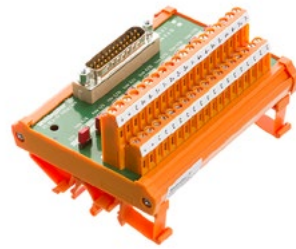
RS A - Interface
for 8 and 9 analogue signals for Schneider
Micro/Premium

Analogue input/output passive interface:

- With test points or disconnection per channel (optional)
- Screw or tension clamp connection

RS 8AI PREM/APR SD

8 channels for Premium (Schneider) config. by volt. or current



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| D-sub connectors, acc. to IEC 60807 / DIN 41652 |
|---|
| 25-pole plug |
| No |
| No |
| No |
| No |
| CE |
| ≤ 25 V AC / 50 V DC |
| 0.5 A |
| 24 V DC ± 10% |
| 3 A |
| -20...50 °C |
| -40...60 °C |
| CE; EAC |
| < 50 V AC |
| III |
| 2 |
| 0.8 kV |
| Screw connection |
| 0.13 mm ² / 6 mm ² |
| 0.13 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 116 mm / 87 mm |
| The common C may carry up to 3 A if the external jumpers are not used |

Ordering data

| |
|------------------|
| Screw connection |
|------------------|

| Type | Depth | Order No. |
|----------------------|-------|------------|
| RS 8AI PREM/APR SD S | 72 mm | 9448030000 |

Note

The UL values only apply to the version with screw connection (UL recognised).

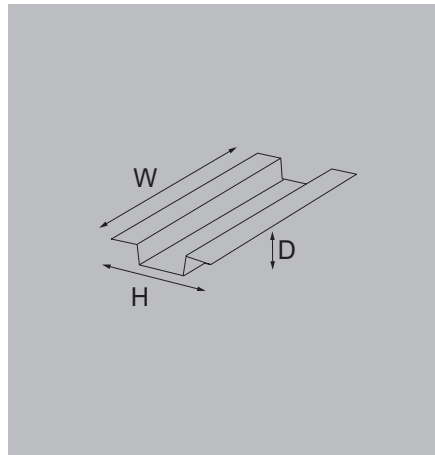
Accessories

Note

RS A – Interface
for 16 analogue signals

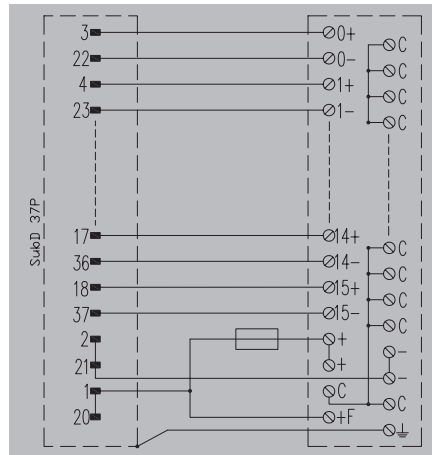
Analogue input/output passive interface:

- With test points or disconnection per channel (optional)
- Screw or tension clamp connection



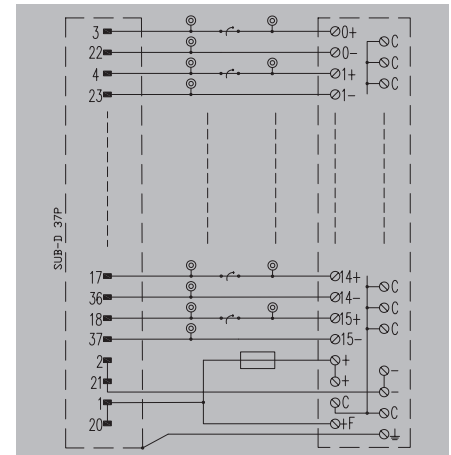
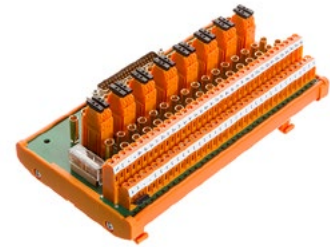
RS 16AIO DP SD

16 channels



RS 16AIO I-M-DP SD

16 channels, test points and disconnection per channel



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| D-sub connectors, acc. to IEC 60807 / DIN 41652 | |
|---|--|
| 37-pole plug | |
| No | |
| No | |
| 3.15 A | |
| No | |
| CE | |
| ≤ 25 V AC / 50 V DC | |
| 0.5 A | |
| 24 V DC ± 10% | |
| 3 A | |
| | |
| -20...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 205 mm / 87 mm | 205 mm / 87 mm |
| The common C may carry up to 3 A if the external jumpers are not used | |

| D-sub connectors, acc. to IEC 60807 / DIN 41652 | |
|---|--|
| 37-pole plug | |
| No | |
| No | |
| 3.15 A | |
| Diameter: 4 mm | |
| CE | |
| ≤ 25 V AC / 50 V DC | |
| 0.5 A | |
| 24 V DC ± 10% | |
| 3 A | |
| | |
| -20...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.8 kV | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 197 mm / 109 mm | 197 mm / 109 mm |
| The common C may carry up to 3 A if the external jumpers are not used | |

Ordering data

| | |
|--|--------------------------|
| | Screw connection |
| | Tension clamp connection |

| Type | Depth | Order No. |
|------------------|-------|------------|
| RS 16AIO DP SD S | 81 mm | 9448020000 |
| RS 16AIO DP SD Z | 72 mm | 1308270000 |

| Type | Depth | Order No. |
|----------------------|-------|------------|
| RS 16AIO I-M-DP SD S | 81 mm | 9448120000 |
| RS 16AIO I-M-DP SD Z | 81 mm | 1308280000 |

Note




The UL values only apply to the version with screw connection (UL recognised).

The UL values only apply to the version with screw connection (UL recognised).

Accessories

| |
|-------------|
| Note |
|-------------|

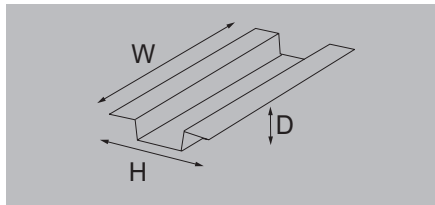
RSM – Selection guide for insulated interfaces for digital input signals

| Type of Interface | | Features | | | Interfaces | | | |
|--------------------|--------|----------|---|---|------------|------------|------------------|------|
| Number of channels | Family | Design | Connection | | Voltage | Order No. | Type | Page |
| | | | Screw connection | Tension clamp connection | | | | |
| 16-channel | I2016 | >C< |  | | 24 V DC | 1312000000 | RSM-16DI 24VDC S | A.59 |
| | | >C< | |  | 24 V DC | 1312010000 | RSM-16DI 24VDC Z | A.59 |
| | | >C< |  | | 48 V DC | 1312020000 | RSM-16DI 48VDC S | A.60 |
| Note | | | | | | | | |

**RSM – Isolated interfaces
for 16 digital input signals**

Relay digital input interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system:

- Electrical insulation using pluggable relays (interchangeable with solid-state relays; 6.1 mm RSS relays)



RSM-16 DI 24 V DC

6 mm relays; 24 VDC AU



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. DC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category input/input | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |

| Dimensions | |
|---------------------------|--|
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

Ordering data

| | |
|---|--|
| Screw connection without switch | |
| Tension clamp connection without switch | |

| Note | |
|------|--|
|------|--|

Accessories

| Note | |
|------|--|
|------|--|

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| RSS | |
| green | |
| yellow | |
| 2 A | |
| CE | |
| 24 V DC ± 10% | |
| 13 mA | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| AgNi gold flashed | |
| 24 V DC ± 10% | |
| 0.1 A | |
| 1 mA | |
| 1 V | |
| 5 x 10 ⁶ switching cycles | |
| CE | |
| -20...50 °C | |
| -20...70 °C | |
| CE; EAC | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 124 mm / 109 mm | |
| Tension clamp conn. | |
| 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 124 mm / 109 mm | |

| Type | Depth | Order No. |
|------------------|-------|------------|
| RSM-16DI 24VDC S | 72 mm | 1312000000 |
| RSM-16DI 24VDC Z | 72 mm | 1312010000 |

| Note | |
|------|--|
|------|--|

| Note | |
|------|--|
|------|--|

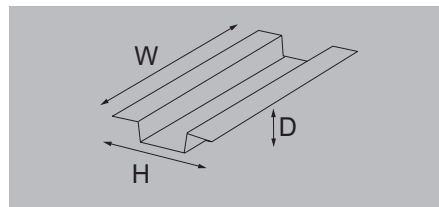
| Note | |
|------|--|
|------|--|

RSM – Isolated interfaces for digital input signals

RSM – Isolated interfaces for 16 digital input signals

Relay digital input interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system:

- Electrical insulation using pluggable relays (interchangeable with solid-state relays; 6.1 mm RSS relays)



RSM-16 DI 48 V DC

6 mm relays; 48 VDC AU



Technical data

| | |
|--|--|
| Connection data and functionality | |
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. DC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category input/input | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| | |
|--|--|
| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
| 20-pole plug | |
| RSS | |
| green | |
| yellow | |
| 2 A | |
| CE | |
| 48 V DC ± 10% | |
| 10 mA | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| AgNi gold flashed | |
| 24 V DC ± 10% | |
| 0.1 A | |
| 2 mA | |
| 5 V | |
| 10 x 10 ⁶ switching cycles | |
| CE | |
| -20...50 °C | |
| -20...70 °C | |
| CE; EAC | |
| ≤ 50 V DC | |
| ≤ 50 V DC | |
| III | |
| III | |
| 2 | |
| 1.5 kV | |
| 0.35 kVAC | |
| ≥ 6 mm | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 124 mm / 109 mm | |

Ordering data

| | |
|---|--|
| Screw connection without switch | |
| Tension clamp connection without switch | |

| | |
|-------------|--|
| Note | |
|-------------|--|

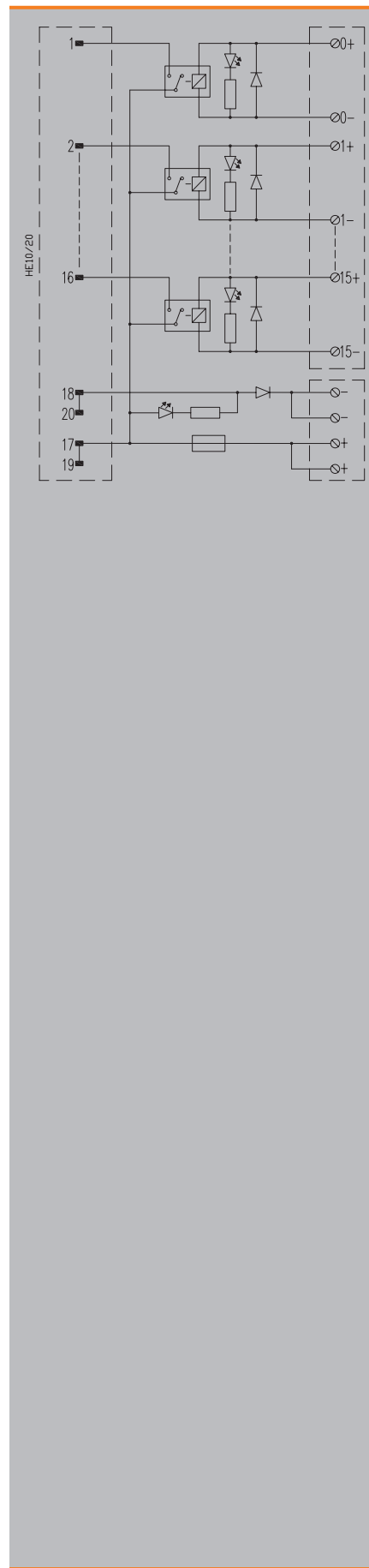
Accessories

| | |
|-------------|--|
| Note | |
|-------------|--|

| Type | Depth | Order No. |
|------------------|-------|------------|
| RSM-16DI 48VDC S | 72 mm | 1312020000 |

| | |
|-------------|--|
| Note | |
|-------------|--|

| |
|-------------------------------|
| Relay 1313530000 48 V 1 CO AU |
|-------------------------------|

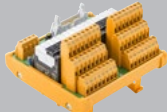


RSM – Selection guide for insulated interfaces for digital output signals


A

| Type of Interface | | Features | | | | | | | | Interfaces | | | |
|--------------------|---------------------------|----------|------------|-----------------------|---------------|-----------------|------|---------------|------------------|-----------------------|---------------------|------------------------|------|
| Number of channels | Family | Design | Connection | | Voltage | Type of contact | Fuse | Switch (coil) | Switch (contact) | Order No. | Type | Page | |
| | | | Screw | Tension clamp/PUSH IN | | | | | | | | | |
| 8-channel | 02008 | >C< | | | 24 V DC | 1CO | | | | 1456540000 | RSMS-8H 24V+ 1CO S | A.63 | |
| | | >C< | | | 24 V DC | 1CO | | | | 1456570000 | RSMS-8H 24V+ 1CO Z | A.63 | |
| | | >C< | | | 24 V DC | 1CO | | | | | 1128990000 | RSM-8 PLC C SW 1CO S | A.64 |
| | | 2 lines | | | 24 V DC | 1CO | | | | | 9445000000 | RSM-8 C 1CO S | A.65 |
| | | 2 lines | | | 24 V DC | 1CO | | | | | 9447000000 | RSM-8 C 1CO Z | A.65 |
| | | 1 line | | | 24 V DC | 1CO | | | | | 1464780000 | RSM-8H 24V+ 1CO S | A.66 |
| | | 1 line | | | 24 V DC | 1CO | | | | | 1464790000 | RSM-8H 24V+ 1CO Z | A.66 |
| | | 1 line | | | 24 V DC | 1NO | | | | | 1457390000 | RSM-8 24VDC 1NO + C S | A.67 |
| 1 line | | | 24 V DC | 1NO | | | | | 1457400000 | RSM-8 24VDC 1NO + C Z | A.67 | | |
| 8-channel | 02008N Negative switching | >C< | | | 24 V DC | 1CO | | | | 1456550000 | RSMS-8H 24V- 1CO S | A.68 | |
| | | >C< | | | 24 V DC | 1CO | | | | 1456580000 | RSMS-8H 24V- 1CO Z | A.68 | |
| | | 1 line | | | 24 V DC | 1CO | | | | 1464800000 | RSM-8H 24V- 1CO S | A.69 | |
| | | 1 line | | | 24 V DC | 1CO | | | | 1464810000 | RSM-8H 24V- 1CO Z | A.69 | |
| 16-channel | 02016 | >C< | | | 24 V DC | 1CO | | | | 1457300000 | RSMS-16H 24V+ 1CO S | A.70 | |
| | | >C< | | | 24 V DC | 1CO | | | | 1457320000 | RSMS-16H 24V+ 1CO Z | A.70 | |
| | | >C< | | | 24 V DC | 1CO | | | | | 1129030000 | RSM-16 PLC C SW 1CO S | A.71 |
| | | >C< | | | 24 V DC | 1CO | | | | | 1129040000 | RSM-16 PLC C SW 1CO Z | A.71 |
| | | 1 line | | | 24 V DC | 1CO | | | | | 1448280000 | RSM-16 24V+ 1CO S | A.72 |
| | | 1 line | | | 24 V DC | 1CO | | | | | 1448300000 | RSM-16 24V+ 1CO Z | A.72 |
| | | 1 line | | | 24 V DC (+/-) | 1CO | | | | | 1129120000 | RSM-16 PLC SW 1CO S | A.73 |
| | | 1 line | | | 24 V DC (+/-) | 1CO | | | | | 1129130000 | RSM-16 PLC SW 1CO Z | A.73 |
| | | 2 lines | | | 24 V DC | 1CO | | | | | 9445100000 | RSM-16 C 1CO S | A.74 |
| | | 2 lines | | | 24 V DC | 1CO | | | | | 9447100000 | RSM-16 C 1CO Z | A.74 |
| | | 1 line | | | 24 V DC | 2CO | | | | | 1449210000 | RSM-16 24V+ 2CO S | A.75 |
| | | 1 line | | | 24 V DC | 2CO | | | | | 1449230000 | RSM-16 24V+ 2CO Z | A.75 |
| | | 1 line | | | 24 V DC | 1CO | | | | | 9445120000 | RSM-16 FUS 1CO S | A.76 |
| | | 1 line | | | 24 V DC | 1CO | | | | | 9447120000 | RSM-16 FUS 1CO Z | A.76 |
| | | 1 line | | | 24 V DC | 1CO | | | | | 9445140000 | RSM-16 FOR 1CO S | A.77 |
| | | 1 line | | | 24 V DC | 1NO | | | | | 1448450000 | RSM-16 24VDC 1NO + C S | A.78 |
| | | 1 line | | | 24 V DC | 1NO | | | | | 1448470000 | RSM-16 24VDC 1NO + C Z | A.78 |
| | | 1 line | | | 24 V DC | without relays | | | | | 1448480000 | RSM-16 24V+ BASE S | A.79 |
| 1 line | | | 24 V DC | without relays | | | | | 1448490000 | RSM-16 24V+ BASE Z | A.79 | | |
| 16-channel | 02016N Negative switching | >C< | | | 24 V DC | 1CO | | | | 1457310000 | RSMS-16H 24V- 1CO S | A.80 | |
| | | >C< | | | 24 V DC | 1CO | | | | 1457330000 | RSMS-16H 24V- 1CO Z | A.80 | |
| | | 1 line | | | 24 V DC | 1CO | | | | 1448290000 | RSM-16 24V- 1CO S | A.81 | |
| | | 1 line | | | 24 V DC | 1CO | | | | 1448310000 | RSM-16 24V- 1CO Z | A.81 | |
| | | 1 line | | | 24 V DC | 2CO | | | | 1449220000 | RSM-16 24V- 2CO S | A.82 | |
| | | 1 line | | | 24 V DC | 2CO | | | | 1449250000 | RSM-16 24V- 2CO Z | A.82 | |

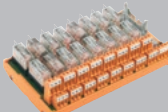
Note 1: Design: >C< 1 line 2 lines



Relays with 6 mm relay



RCL Relays arranged in 1 single line



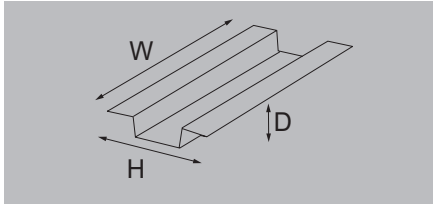
RCL relays (arranged in 2 rows)

Note 2: Voltage: Modules indicated with 24 V DC (+/-) can function as positive or negative and can function with negative logic PLC cards

**RSM – Isolated interfaces
for 8 digital output signals**

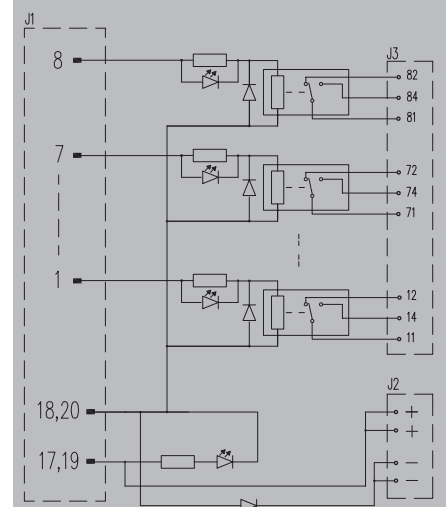
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



RSMS-8H 24V+ 1CO

6 mm relay with 1 CO contact and without switch



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm | | | |
|---|--|--|--|
| 20-pole plug | | | |
| RSS | | | |
| green | | | |
| yellow | | | |
| No | | | |
| No | | | |
| CE | | | |
| 24 V DC ± 10% | | | |
| 7.1 mA | | | |
| 24 V DC ± 10% | | | |
| 1 A | | | |
| CE | | | |
| AgNi 90/10 | | | |
| 250 V AC | | | |
| 4.5 A | | | |
| 100 mA | | | |
| 5 V | | | |
| 5 x 10 ⁶ switching cycles | | | |
| CE | | | |
| -25...50 °C | | | |
| -40...60 °C | | | |
| CE, EAC | | | |
| < 50 V AC | | | |
| 250 V AC | | | |
| III | | | |
| II | | | |
| 2 | | | |
| 6 kV | | | |
| 1.2 kVAC | | | |
| ≥ 5.5 mm | | | |
| Screw connection | | Tension clamp conn. | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | | TS 35, TS 32 | |
| 61 mm / 109 mm | | 72 mm / 109 mm | |

Ordering data

| Screw connection without switch | |
|---|--|
| Screw connection with switch | |
| Tension clamp connection without switch | |
| Note | |

| Type | Depth | Order No. |
|--------------------|-------|------------|
| RSMS-8H 24V+ 1CO S | 85 mm | 1456540000 |
| RSMS-8H 24V+ 1CO Z | 61 mm | 1456570000 |

Accessories

| Note | |
|------|--|
|------|--|

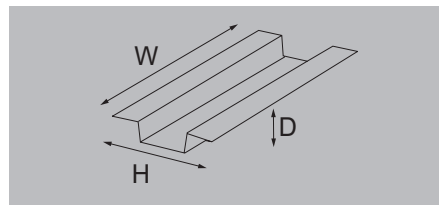
| |
|-----------------------------------|
| Relay 4060120000 RSS 24 V DC 1 CO |
|-----------------------------------|

RSM – Isolated interfaces for digital output signals

RSM – Isolated interfaces for 8 digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

Ordering data

| |
|---|
| Screw connection without switch |
| Screw connection with switch |
| Tension clamp connection without switch |

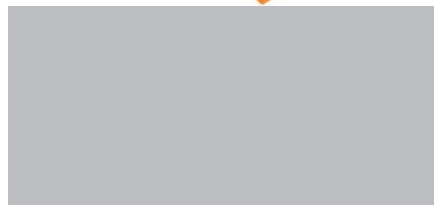
Note

Accessories

Note

RSM-8 PLC C 1CO

6 mm relay with 1 CO contact and switch

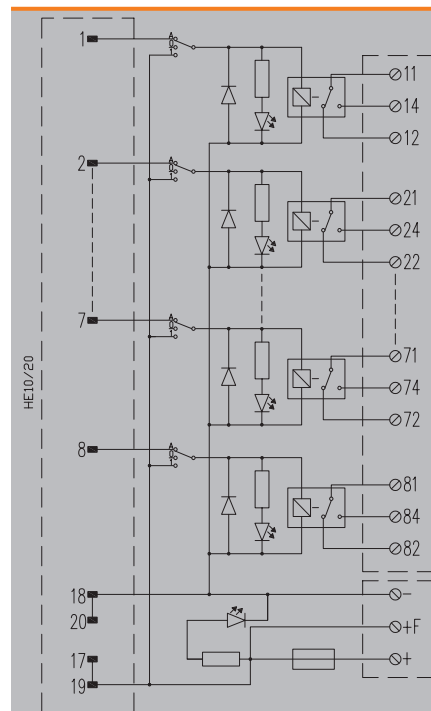


| Plug-in connector in acc. with IEC60603-13 / DIN41651 |
|---|
| 20-pole plug |
| RSS |
| green |
| yellow |
| No |
| 2.5 A |
| CE |
| 24 V DC ± 10% |
| 13 mA |
| 24 V DC ± 10% |
| 2 A |
| CE |
| AgNi 90/10 |
| 250 V AC |
| 2.5 A |
| 0.1 A |
| 5 V |
| 5 x 10 ⁶ switching cycles |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE, EAC |
| < 50 V AC |
| 250 V AC |
| III |
| II |
| 2 |
| 6 kV |
| 1.2 kVAC |
| ≥ 5.5 mm |
| Screw connection |
| 0.13 mm ² / 6 mm ² |
| 0.13 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 75 mm / 109 mm |

| Type | Depth | Order No. |
|----------------------|-------|------------|
| RSM-8 PLC C SW 1CO S | 85 mm | 1128990000 |

Note

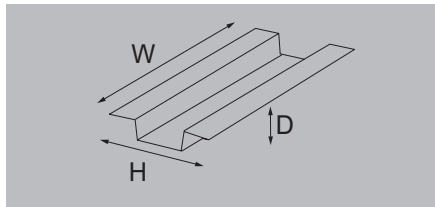
Relay 4060120000 RSS 24 V DC 1CO



**RSM – Isolated interfaces
for 8 digital output signals**

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

Ordering data

| |
|---|
| Screw connection without switch |
| Tension clamp connection without switch |

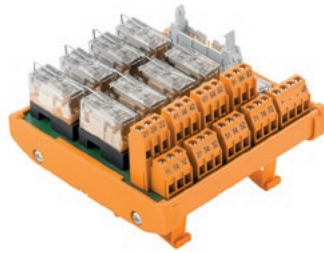
Note

Accessories

| |
|-------------|
| Note |
|-------------|

RSM-8 C 1C

RCL relays (arranged in 2 rows) with 1 CO contact

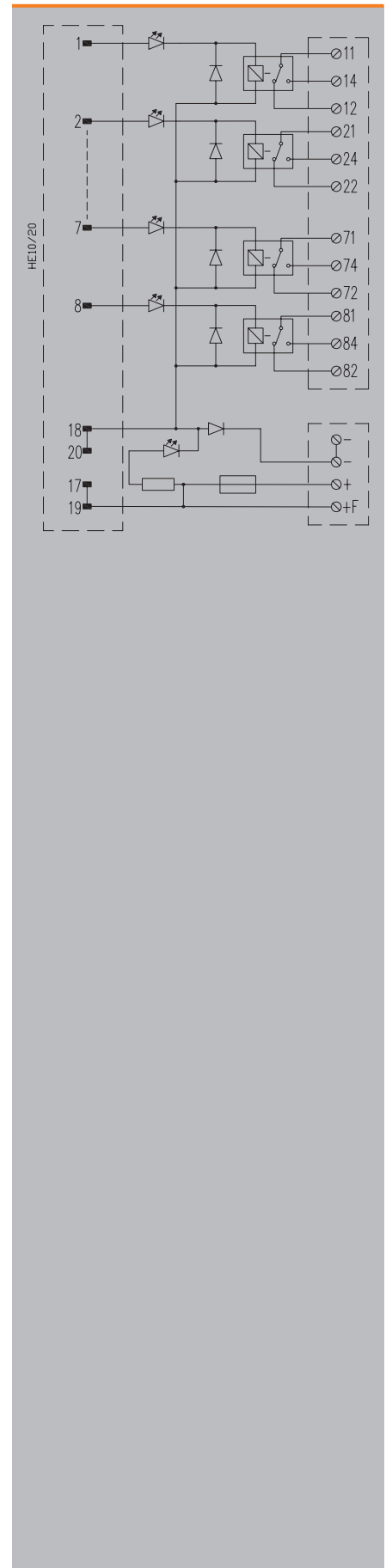


| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| No | |
| 3.15 A | |
| CE | |
| 24 V DC ± 10% | |
| 20 mA | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 5 A | |
| 0.01 A | |
| 10 V | |
| 3 x 10 ⁷ switching cycles | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 50 V AC | |
| < 250 V AC | |
| III | |
| II | |
| 2 | |
| 6 kV | |
| 1.2 kVAC | |
| ≥ 5.5 mm | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 110 mm / 109 mm | 110 mm / 109 mm |

| Type | Depth | Order No. |
|---------------|-------|------------|
| RSM-8 C 1CO S | 68 mm | 9445000000 |
| RSM-8 C 1CO Z | 68 mm | 9447000000 |

Note

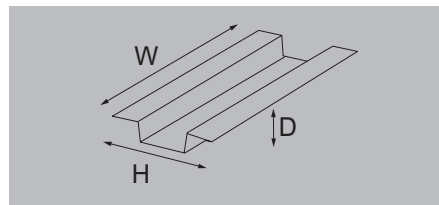
| |
|--|
| Relay 8693260000 RCL314024 24 V DC 1CO |
|--|



RSM – Interface
for 8 isolated digital output signals

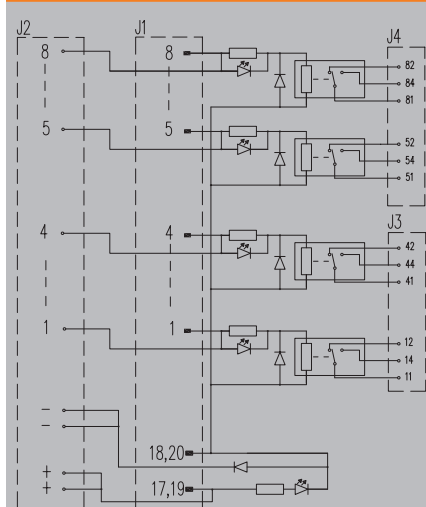
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



RSM-8H 24V+ 1CO

RCL relays (arranged in 1 row) with 1 CO contact



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| LL 5.08 mm, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20 p | |
|---|--|
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| No | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 16.7 mA | |
| 24 V DC ± 10% | |
| 1 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 6 A | |
| 0.1 A | |
| 5 V | |
| 3 x 10 ⁷ switching cycles | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| Screw connection | |
| 0.5 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 130 mm / 87 mm | |
| PUSH IN connection | |
| 0.12 mm ² / 2.5 mm ² | |
| 0.12 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 130 mm / 87 mm | |

Ordering data

| |
|-----------------------------------|
| Screw connection without switch |
| PUSH IN connection without switch |

| Type | Depth | Order No. |
|-------------------|-------|------------|
| RSM-8H 24V+ 1CO S | 62 mm | 1464780000 |
| RSM-8H 24V+ 1CO Z | 62 mm | 1464790000 |

Note

Accessories

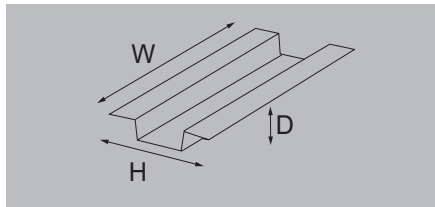
Note

Relay 8693260000 RCL314024 24 V DC 1 CO

RSM – Interface
for 8 isolated digital output signals

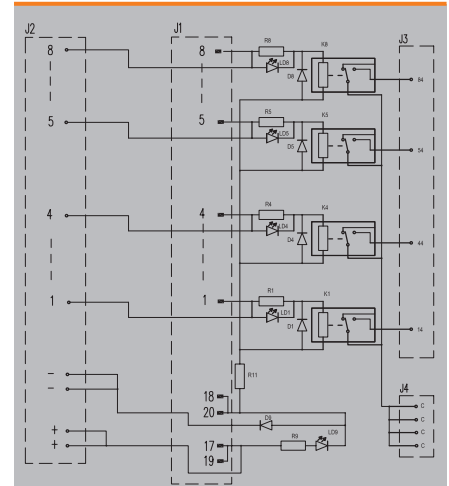
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



RSM-8 24 V DC 1NO + C

RCL relays (arranged in 1 row) with 1 NO contact



Technical data

| | |
|--|--|
| Connection data and functionality | |
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| | |
|---|--|
| LL 5.08 mm, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20 p | |
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| No | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 16.7 mA | |
| 24 V DC ± 10% | |
| 1 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 6 A | |
| 0.1 A | |
| 5 V | |
| 3 x 10 ⁷ switching cycles | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 50 V AC | |
| 250 V AC | |
| III | |
| II | |
| 2 | |
| 6 kV | |
| 1.2 kVAC | |
| ≥ 5.5 mm | |
| Screw connection | PUSH IN connection |
| 0.13 mm ² / 6 mm ² | 0.12 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.12 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 130 mm / 87 mm | 130 mm / 87 mm |

Ordering data

| |
|-----------------------------------|
| Screw connection without switch |
| PUSH IN connection without switch |

| |
|-------------|
| Note |
|-------------|

Accessories

| |
|-------------|
| Note |
|-------------|

| | | |
|-----------------------|--------------|------------------|
| Type | Depth | Order No. |
| RSM-8 24VDC 1NO + C S | 62 mm | 1457390000 |
| RSM-8 24VDC 1NO + C Z | 62 mm | 1457400000 |

| |
|---|
| Relay 8693260000 RCL314024 24 V DC 1 CO |
|---|

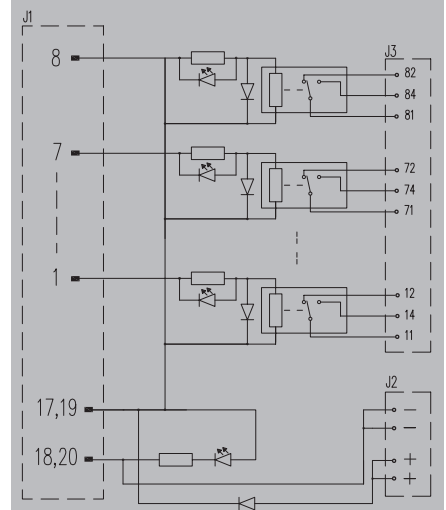
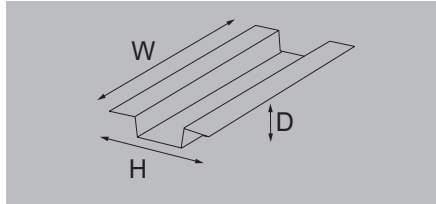
RSM – Interface
for 8 isolated digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Negative switching

RSMS-8H 24 V- 1CO

6 mm relay with 1 CO contact and without switch



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm | | | |
|---|--|--|--|
| 20-pole plug | | | |
| RSS | | | |
| green | | | |
| yellow | | | |
| No | | | |
| No | | | |
| CE | | | |
| 24 V DC ± 10% | | | |
| 7.1 mA | | | |
| 24 V DC ± 10% | | | |
| 1 A | | | |
| CE | | | |
| AgNi 90/10 | | | |
| 250 V AC | | | |
| 4.5 A | | | |
| 100 mA | | | |
| 5 V | | | |
| 5 x 10 ⁶ switching cycles | | | |
| CE | | | |
| -25...50 °C | | | |
| -40...60 °C | | | |
| CE, EAC | | | |
| < 50 V AC | | | |
| 250 V AC | | | |
| III | | | |
| II | | | |
| 2 | | | |
| 6 kV | | | |
| 1.2 kVAC | | | |
| ≥ 5.5 mm | | | |
| Screw connection | | Tension-clamp connection | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | | TS 35, TS 32 | |
| 61 mm / 109 mm | | 61 mm / 109 mm | |

Ordering data

| |
|---|
| Screw connection without switch |
| Tension clamp connection without switch |

Note

Accessories

| |
|------|
| Note |
|------|

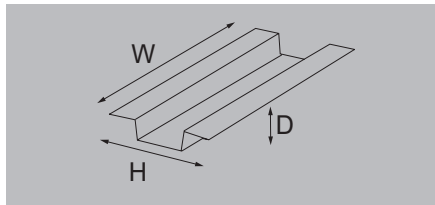
| Type | Depth | Order No. |
|--------------------|-------|------------|
| RSMS-8H 24V- 1CO S | 85 mm | 1456550000 |
| RSMS-8H 24V- 1CO Z | 76 mm | 1456580000 |

| |
|-------------------------------|
| Relay 4060120000 RSS V DC 1CO |
|-------------------------------|

RSM – Interface
for 8 isolated digital output signals

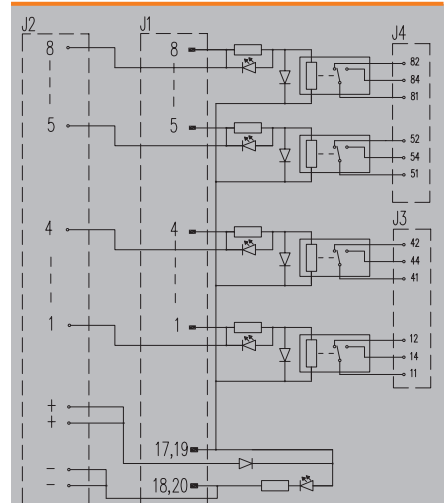
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Negative switching



RSM-8H 24 V-1CO

RCL relays (arranged in 1 row) with 1 CO contact



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| LL 5.08 mm, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20 p | |
|---|--|
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| No | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 16.7 mA | |
| 24 V DC ± 10% | |
| 1 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 6 A | |
| 0.1 A | |
| 5 V | |
| 3 x 10 ⁷ switching cycles | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE: EAC | |
| Screw connection | |
| 0.5 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 130 mm / 87 mm | |
| PUSH IN connection | |
| 0.12 mm ² / 2.5 mm ² | |
| 0.12 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 130 mm / 87 mm | |

Ordering data

| |
|-----------------------------------|
| Screw connection without switch |
| PUSH IN connection without switch |

| Note |
|------|
|------|

Accessories

| Note |
|---|
| Relay 8693260000 RCL314024 24 V DC 1 CO |

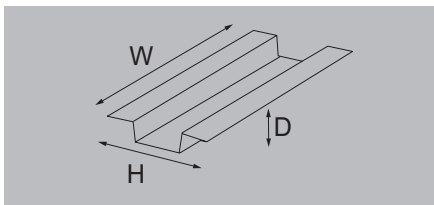
| Type | Depth | Order No. |
|-------------------|-------|------------|
| RSM-8H 24V- 1CO S | 62 mm | 1464800000 |
| RSM-8H 24V- 1CO Z | 62 mm | 1464810000 |

RSM – Isolated interfaces for digital output signals

RSM – Isolated interfaces for 16 digital output signals

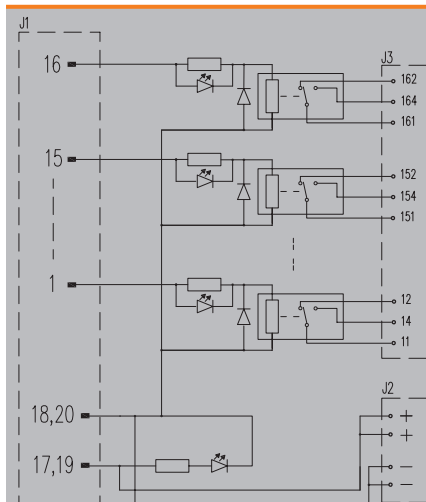
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



RSMS-16H 24V+ 1CO

6 mm relay with 1 CO contact and without switch



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm | | | | | |
|---|--|--|--|------------|--|
| 20-pole plug | | | | | |
| RSS | | | | | |
| green | | | | | |
| yellow | | | | | |
| No | | | | | |
| No | | | | | |
| CE | | | | | |
| 24 V DC ± 10% | | | | | |
| 7.1 mA | | | | | |
| 24 V DC ± 10% | | | | | |
| 1 A | | | | | |
| CE | | | | | |
| AgNi 90/10 | | | | | |
| 250 V AC | | | | | |
| 4.5 A | | | | | |
| 100 mA | | | | | |
| 5 V | | | | | |
| 5 x 10 ⁶ switching cycles | | | | | |
| CE | | | | | |
| -25...50 °C | | | | | |
| -40...60 °C | | | | | |
| CE, EAC | | | | | |
| < 50 V AC | | | | | |
| 250 V AC | | | | | |
| III | | | | | |
| II | | | | | |
| 2 | | | | | |
| 6 kV | | | | | |
| 1.2 kVAC | | | | | |
| ≥ 5.5 mm | | | | | |
| Screw connection | | Tension-clamp connection | | | |
| 0.5 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | | | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | | | |
| TS 35, TS 32 | | TS 35, TS 32 | | | |
| 112 mm / 109 mm | | 112 mm / 109 mm | | | |
| Type | | Depth | | Order No. | |
| RSMS-16H 24V+ 1CO S | | 85 mm | | 1457300000 | |
| RSMS-16H 24V+ 1CO Z | | 76 mm | | 1457320000 | |
| Note | | | | | |
| Accessories | | | | | |
| Note | | | | | |
| Relay 4060120000 RSS 24 V DC 1 CO | | | | | |

Ordering data

| Screw connection without switch | |
|---|--|
| Screw connection with switch | |
| Tension clamp connection without switch | |
| Tension clamp connection with switch | |
| Note | |

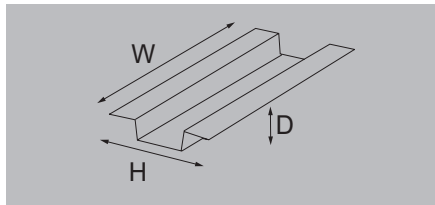
Accessories

| Note | |
|-----------------------------------|--|
| Relay 4060120000 RSS 24 V DC 1 CO | |

**RSM – Isolated interfaces
for 16 digital output signals**

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

Ordering data

| | Screw connection without switch |
|------|---|
| | Screw connection with switch |
| | Tension clamp connection without switch |
| | Tension clamp connection with switch |
| Note | |

Accessories

| Note | |
|------|----------------------------------|
| | Relay 4060120000 RSS 24 V DC 1CD |

RSM-16 PLC C 1CO

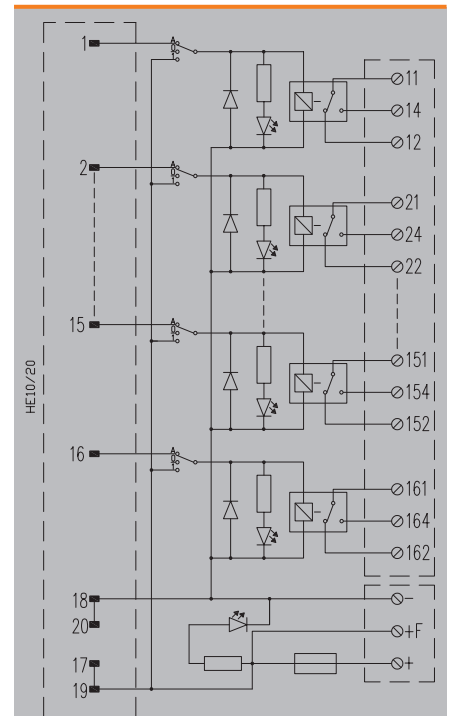
6 mm relay with 1 CO contact and switch



| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| RSS | |
| green | |
| yellow | |
| No | |
| 2.5 A | |
| CE | |
| 24 V DC ± 10% | |
| 13 mA | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 2.5 A | |
| 0.1 A | |
| 5 V | |
| 5 x 10 ⁶ switching cycles | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 50 V AC | |
| 250 V AC | |
| III | |
| II | |
| 2 | |
| 6 kV | |
| 1.2 kVAC | |
| ≥ 5.5 mm | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 111 mm / 109 mm | 111 mm / 109 mm |

| Type | Depth | Order No. |
|-----------------------|-------|------------|
| RSM-16 PLC C SW 1CO S | 85 mm | 1129030000 |
| RSM-16 PLC C SW 1CO Z | 80 mm | 1129040000 |

| |
|----------------------------------|
| Relay 4060120000 RSS 24 V DC 1CD |
|----------------------------------|

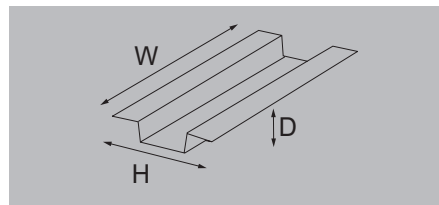


RSM – Isolated interfaces for digital output signals

RSM – Interface for 16 isolated digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

Ordering data

| | |
|--|-----------------------------------|
| | Screw connection without switch |
| | PUSH IN connection without switch |

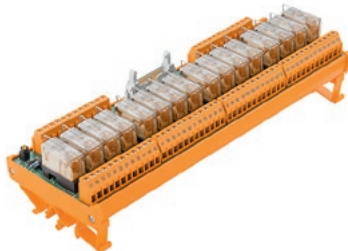
Note

Accessories

| | |
|-------------|--|
| Note | |
|-------------|--|

RSM-16 24V+ 1CO

RCL relays (arranged in 1 rows) with 1 CO contacts

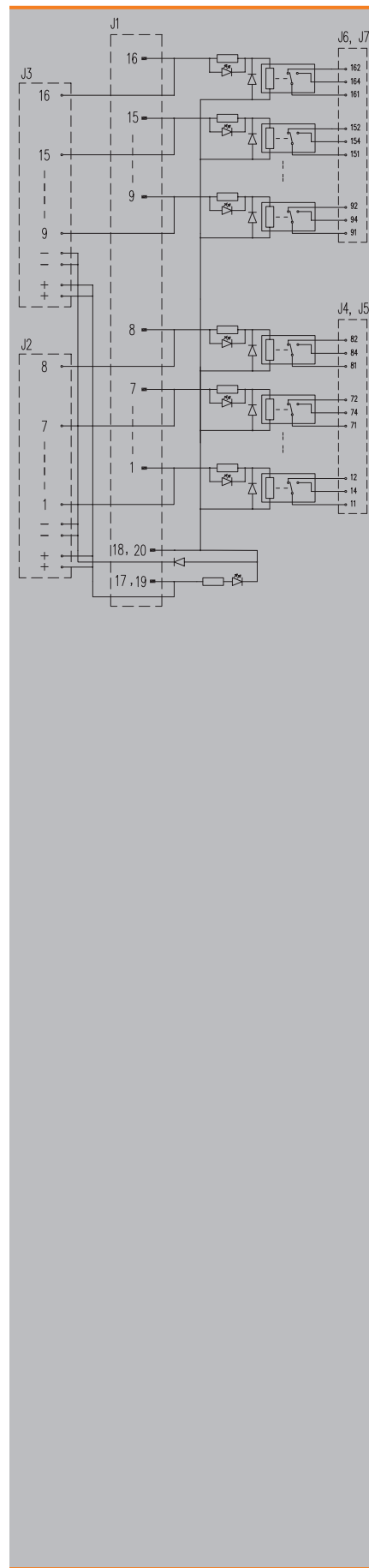


| Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm | |
|---|--|
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| No | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 16.7 mA | |
| 24 V DC ± 10% | |
| 1 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 6 A | |
| 0.1 A | |
| 5 V | |
| 30 x 10 ⁶ switching cycles | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| Screw connection | |
| 0.5 mm ² / 6 mm ² | 0.12 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.12 mm ² / 2.5 mm ² |
| PUSH IN connection | |
| TS 35, TS 32 | TS 35, TS 32 |
| 259 mm / 87 mm | 259 mm / 87 mm |

| Type | Depth | Order No. |
|-------------------|-------|------------|
| RSM-16 24V+ 1CO S | 66 mm | 1448280000 |
| RSM-16 24V+ 1CO Z | 66 mm | 1448300000 |

Note

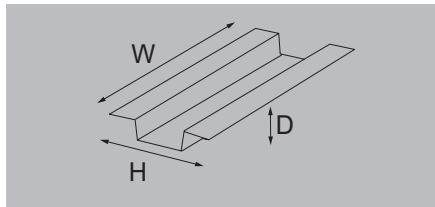
| | |
|-------------|--|
| Note | Relay 8693260000 RCL314024 24 V DC 1CO |
|-------------|--|



RSM – Interface
for 16 isolated digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

Ordering data

| | |
|--|--------------------------------------|
| | Screw connection with switch |
| | Tension clamp connection with switch |

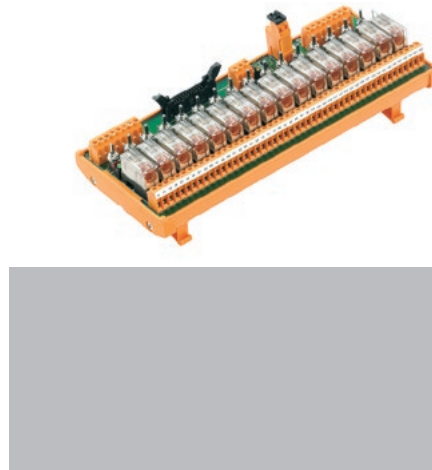
Note

Accessories

| | |
|-------------|--|
| Note | Relay 8693260000 RCL314024 24 V DC 1CO |
|-------------|--|

RSM-16 PLC 1CO

6 mm relay with 1 CO contact and switch

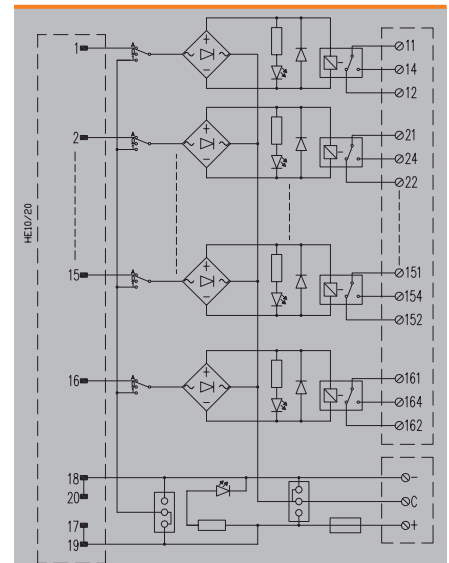


| Plug-in connector in acc. with IEC60603-13 / DIN41651 |
|---|
| 20-pole plug |
| RCL |
| green |
| yellow |
| No |
| 2.5 A |
| CE |
| 24 V DC ± 10% |
| 22 mA |
| 24 V DC ± 10% |
| 2 A |
| CE |
| AgNi 90/10 |
| 250 V AC |
| 6 A |
| 0.01 A |
| 10 V |
| 3 x 10 ⁷ switching cycles |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE; EAC |
| < 50 V AC |
| 250 V AC |
| III |
| II |
| 2 |
| 6 kV |
| 1.2 kVAC |
| ≥ 5.5 mm |
| Tension-clamp connection |
| 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 |
| 255 mm / 109 mm |

| Type | Depth | Order No. |
|---------------------|-------|------------|
| RSM-16 PLC SW 1CO S | 68 mm | 1129120000 |
| RSM-16 PLC SW 1CO Z | 68 mm | 1129130000 |

Note

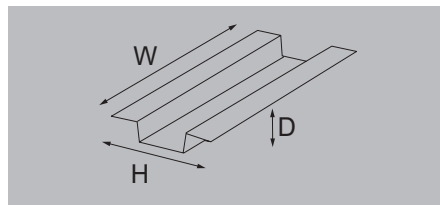
| | |
|-------------|--|
| Note | Relay 8693260000 RCL314024 24 V DC 1CO |
|-------------|--|



RSM – Interface for 16 isolated digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | 24 V DC ± 10% |
| Input current | 20 mA |
| Operating voltage (supply) | 24 V DC ± 10% |
| Operating current (supply) | 2 A |
| Nominal output data | |
| Contact material | AgNi 90/10 |
| Operating voltage | 250 V AC |
| Max. AC continuous current | 5 A |
| Minimum contact current | 0.01 A |
| Minimum contact voltage | 10 V |
| Mechanical service life | 3 x 10 ⁷ switching cycles |
| General data | |
| Ambient temperature (operational) | -25...40 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | < 50 V AC |
| Rated output insulation voltage | < 250 V AC |
| Overvoltage category input/output | III |
| Overvoltage category output/output | II |
| Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 6 kV |
| Insulation test voltage | 1.2 kVAC |
| Clearance input/output | ≥ 5.5 mm |
| Dimensions | |
| Clamping range, min./max. | 0.13 mm ² / 6 mm ² |
| Clamping range, min./max. | 0.13 mm ² / 6 mm ² |
| Rail | TS 35, TS 32 |
| Width / Height | 185 mm / 109 mm |
| Note | |

Ordering data

| | |
|--|---|
| | Screw connection without switch |
| | Tension clamp connection without switch |

Note

Accessories

| | |
|-------------|--|
| Note | Relay 8693260000 RCL314024 24 V DC 1CO |
|-------------|--|

RSM-16 C 1CO

RCL relays (arranged in 2 rows) with 1 CO contact

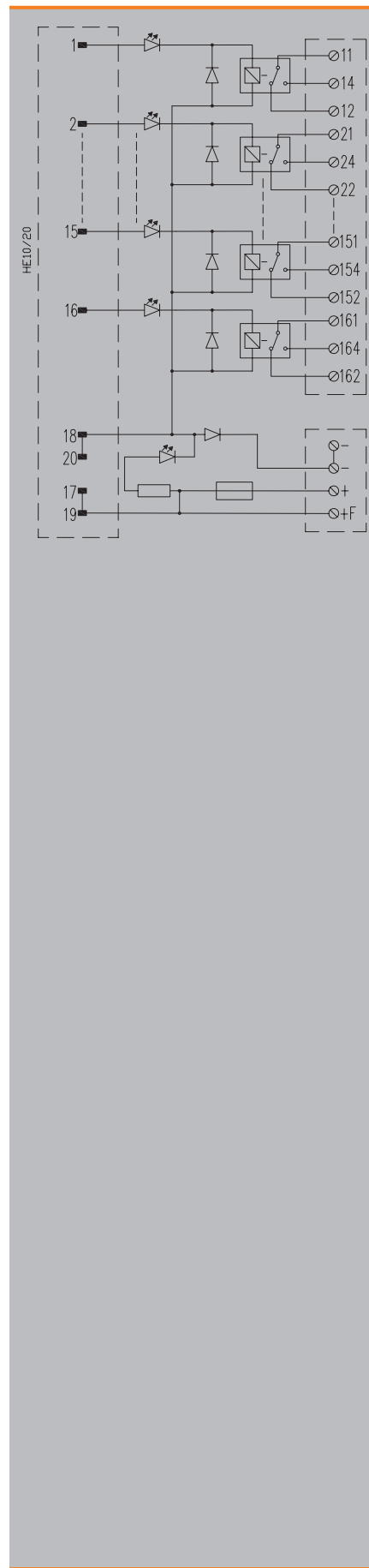


| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| No | |
| 3.15 A | |
| 24 V DC ± 10% | |
| 20 mA | |
| 24 V DC ± 10% | |
| 2 A | |
| AgNi 90/10 | |
| 250 V AC | |
| 5 A | |
| 0.01 A | |
| 10 V | |
| 3 x 10 ⁷ switching cycles | |
| -25...40 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 50 V AC | |
| < 250 V AC | |
| III | |
| II | |
| 2 | |
| 6 kV | |
| 1.2 kVAC | |
| ≥ 5.5 mm | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 185 mm / 109 mm | |

| Type | Depth | Order No. |
|----------------|-------|------------|
| RSM-16 C 1CO S | 68 mm | 9445100000 |
| RSM-16 C 1CO Z | 68 mm | 9447100000 |

Note

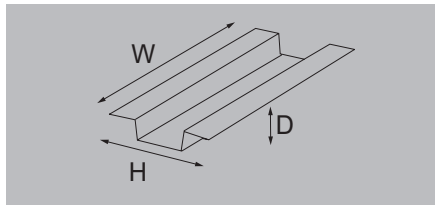
| | |
|-------------|--|
| Note | Relay 8693260000 RCL314024 24 V DC 1CO |
|-------------|--|



RSM – Interface
for 16 isolated digital output signals

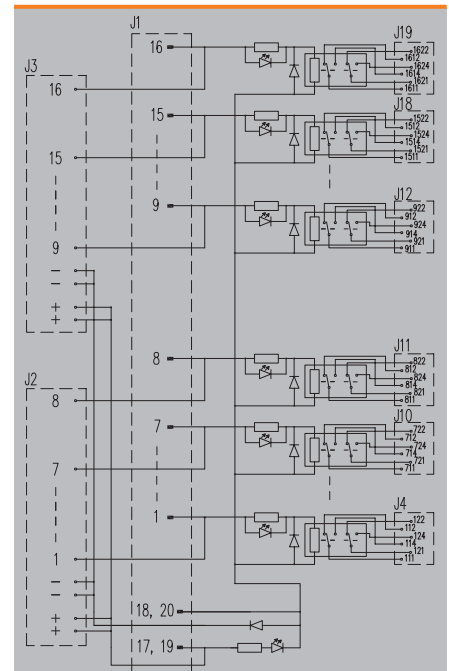
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



RSM-16 24V+ 2CO

RCL relays (arranged in 1 row) with 2 CO contacts



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overtoltage category input/output | |
| Overtoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm | |
|---|--|
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| No | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 16.7 mA | |
| 24 V DC ± 10% | |
| 1 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 5 A | |
| 0.1 A | |
| 5 V | |
| 30 x 10 ⁶ switching cycles | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| Screw connection | |
| 0.5 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 290 mm / 109 mm | |

Ordering data

| |
|---|
| Screw connection without switch |
| Tension clamp connection without switch |

| Type | Depth | Order No. |
|-------------------|-------|------------|
| RSM-16 24V+ 2CO S | 71 mm | 1449210000 |
| RSM-16 24V+ 2CO Z | 66 mm | 1449230000 |

Note

Accessories

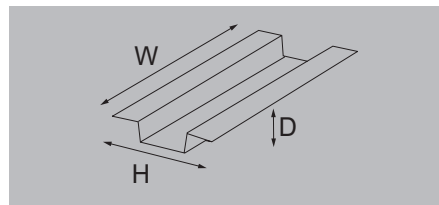
| |
|---|
| Relay 4058570000 RCL424024 24 V DC 2 CO |
|---|

RSM – Isolated interfaces for digital output signals

RSM – Interface for 16 isolated digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



RSM-16 FUS 1C0

RCL relays, 1 CO contact with fuse relay contact



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
|---|--|
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| 5 A | |
| 3.15 A | |
| CE | |
| 24 V DC ± 10% | |
| 20 mA | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 5 A | |
| 0.01 A | |
| 10 V | |
| 3 x 10 ⁷ switching cycles | |
| CE | |
| -25...40 °C | |
| -40...60 °C | |
| CE, EAC | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 261 mm / 109 mm | |

Ordering data

| |
|---|
| Screw connection without switch |
| Tension clamp connection without switch |

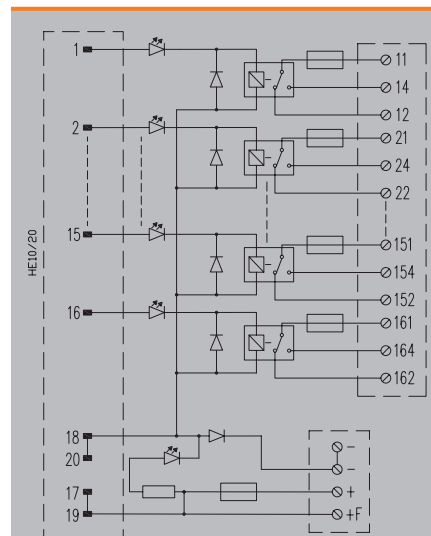
| Type | Depth | Order No. |
|------------------|-------|------------|
| RSM-16 FUS 1C0 S | 75 mm | 9445120000 |
| RSM-16 FUS 1C0 Z | 75 mm | 9447120000 |

Note

Accessories

| |
|------|
| Note |
|------|

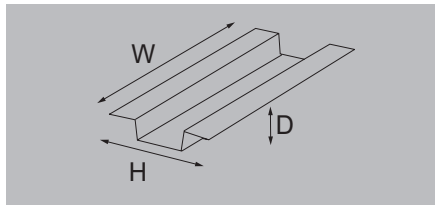
| |
|--|
| Relay 8693260000 RCL314024 24 V DC 1C0 |
|--|



RSM – Interface
for 16 isolated digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



RSM-16 FOR 1CO

RCL relays, 1 CO contact and switch



Technical data

| | |
|--|--|
| Connection data and functionality | |
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| | |
|---|--|
| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| No | |
| 3.15 A | |
| CE | |
| 24 V DC ± 10% | |
| 17 mA | |
| 24 V DC ± 10% | |
| 2 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 2 A | |
| 0.01 A | |
| 10 V | |
| 3 x 10 ⁷ switching cycles | |
| CE | |
| -25...40 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 50 V AC | |
| < 250 V AC | |
| III | |
| II | |
| 2 | |
| 6 kV | |
| 1.2 kVAC | |
| ≥ 5.5 mm | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 263 mm / 109 mm | |

Ordering data

| |
|---|
| Screw connection without switch |
| Tension clamp connection without switch |

| |
|-------------|
| Note |
|-------------|

Accessories

| |
|-------------|
| Note |
|-------------|

| Type | Depth | Order No. |
|------------------|-------|------------|
| RSM-16 FOR 1CO S | 75 mm | 9445140000 |

| |
|-------------|
| Note |
|-------------|

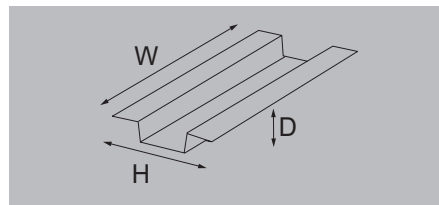
| |
|--|
| Relay 8693260000 RCL314024 24 V DC 1CO |
|--|

RSM – Isolated interfaces for digital output signals

RSM – Interface for 16 isolated digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

RSM-16 24 V DC 1NO + C

RCL relays (arranged in 1 row) with 1 NO contact



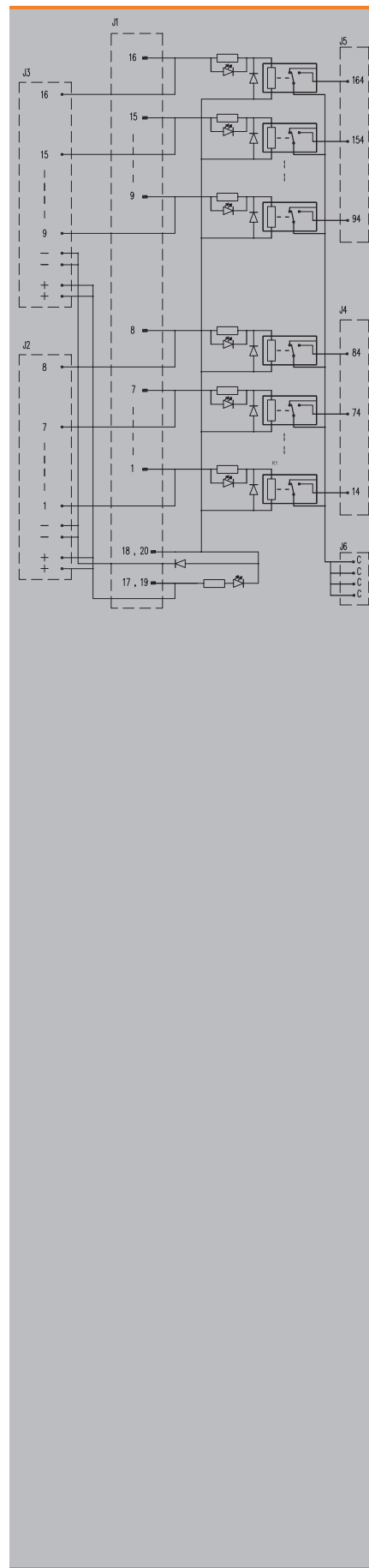
| LL 5.08 mm, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20 p | |
|---|--|
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| No | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 16.7 mA | |
| 24 V DC ± 10% | |
| 1 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 6 A | |
| 0.1 A | |
| 5 V | |
| 3 x 10 ⁷ switching cycles | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE: EAC | |
| Screw connection | |
| 0.5 mm ² / 6 mm ² | 0.12 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.12 mm ² / 2.5 mm ² |
| PUSH IN connection | |
| TS 35, TS 32 | TS 35, TS 32 |
| 250 mm / 87 mm | 250 mm / 87 mm |

Ordering data

| | Screw connection without switch |
|-------------|-----------------------------------|
| | PUSH IN connection without switch |
| Note | |
| Accessories | |
| Note | |

| Type | Depth | Order No. |
|------------------------|-------|------------|
| RSM-16 24VDC 1NO + C S | 62 mm | 1448450000 |
| RSM-16 24VDC 1NO + C Z | 62 mm | 1448470000 |

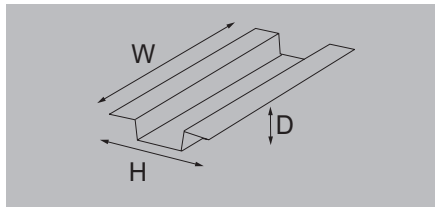
Relay 8693260000 RCL314024 24 V DC 1CO



RSM – Interface
for 16 isolated digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Positive switching



Technical data

| | |
|--|--|
| Connection data and functionality | |
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

Ordering data

| | |
|--|-----------------------------------|
| | Screw connection without switch |
| | PUSH IN connection without switch |

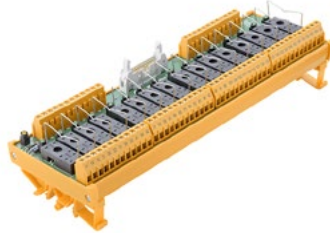
Note

Accessories

| | |
|-------------|--|
| Note | Relay 8693260000 RCL314024 24 V DC 1CO; SSR 1132290000 24 V DC/max. 240 V AC 1 A; SSR 1132310000 24 V DC/0-24 V DC 3.5 A |
|-------------|--|

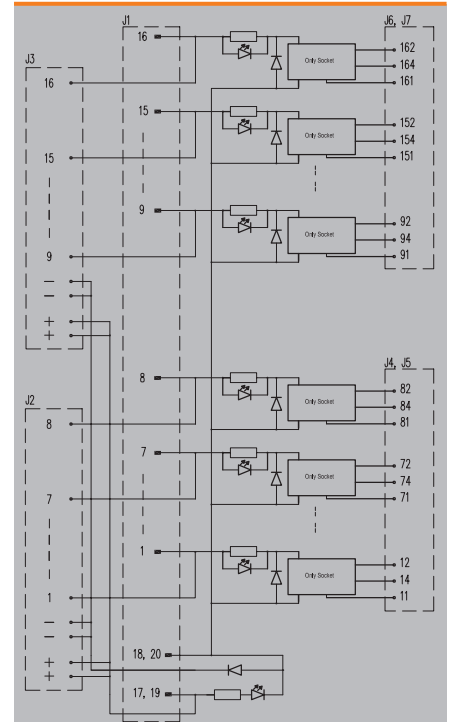
RSM-16 24 V+ BASE

RCL relays (arranged in 1 row) without relays or SSR's



| | |
|--|--|
| LL 5.08 mm, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20 p | |
| 20-pole plug | |
| RCL | |
| green | |
| yellow | |
| No | |
| No | |
| CE | |
| 24 V DC ± 10% | |
| 24 V DC ± 10% | |
| 1 A | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 6 A | |
| 0.1 A | |
| 5 V | |
| 3 x 10 ⁷ switching cycles | |
| CE | |
| -25...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| < 50 V AC | |
| 250 V AC | |
| III | |
| II | |
| 2 | |
| 6 kV | |
| 1.2 kVAC | |
| ≥ 5,5 mm | |
| Screw connection | PUSH IN connection |
| 0.5 mm ² / 6 mm ² | 0.12 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.12 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 259 mm / 87 mm | 259 mm / 87 mm |

| | | |
|--------------------|--------------|------------------|
| Type | Depth | Order No. |
| RSM-16 24V+ BASE S | 51 mm | 1448480000 |
| RSM-16 24V+ BASE Z | 51 mm | 1448490000 |



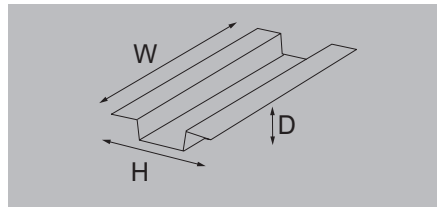
RSM – Interface
for 16 isolated digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Negative switching

RSMS-16H 24V- 1CO

6 mm relay with 1 CO contact and without switch



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

| Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm | | | |
|---|--|--|--|
| 20-pole plug | | | |
| RSS | | | |
| green | | | |
| yellow | | | |
| No | | | |
| No | | | |
| CE | | | |
| 24 V DC ± 10% | | | |
| 7.1 mA | | | |
| 24 V DC ± 10% | | | |
| 1 A | | | |
| CE | | | |
| AgNi 90/10 | | | |
| 250 V AC | | | |
| 4.5 A | | | |
| 100 mA | | | |
| 5 V | | | |
| 5 x 10 ⁶ switching cycles | | | |
| CE | | | |
| -25...50 °C | | | |
| -40...60 °C | | | |
| CE, EAC | | | |
| < 50 V AC | | | |
| 250 V AC | | | |
| III | | | |
| II | | | |
| 2 | | | |
| 6 kV | | | |
| 1.2 kVAC | | | |
| ≥ 5.5 mm | | | |
| Screw connection | | Tension-clamp connection | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | | TS 35, TS 32 | |
| 112 mm / 109 mm | | 112 mm / 109 mm | |

Ordering data

| |
|---|
| Screw connection without switch |
| Tension clamp connection without switch |

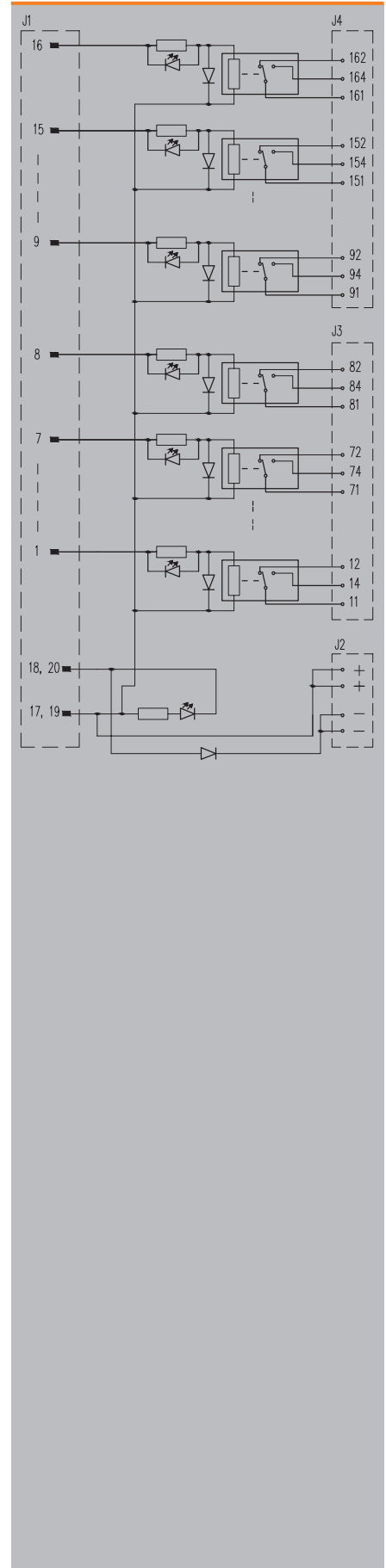
Note

Accessories

| |
|------|
| Note |
|------|

| Type | Depth | Order No. |
|---------------------|-------|------------|
| RSMS-16H 24V- 1CO S | 85 mm | 1457310000 |
| RSMS-16H 24V- 1CO Z | 76 mm | 1457330000 |

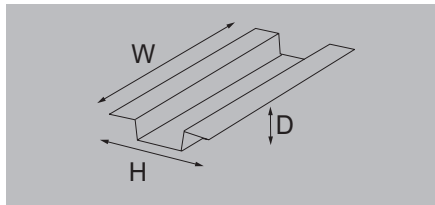
| |
|-----------------------------------|
| Relay 4060120000 RSS 24 V DC 1 CO |
|-----------------------------------|



RSM – Interface
for 16 isolated digital output signals

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Negative switching



Technical data

| Connection data and functionality | |
|------------------------------------|--|
| Connection on control side | |
| Number of poles (control side) | |
| Relay type | |
| LED status display per relay | |
| LED status of the supply voltage | |
| Fuse per relay | |
| Power supply fuse | |
| Nominal input data | |
| Input voltage | |
| Input current | |
| Operating voltage (supply) | |
| Operating current (supply) | |
| Nominal output data | |
| Contact material | |
| Operating voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category output/output | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min./max. | |
| Clamping range, min./max. | |
| Rail | |
| Width / Height | |
| Note | |

Ordering data

| | |
|-----------------------------------|--|
| Screw connection without switch | |
| PUSH IN connection without switch | |

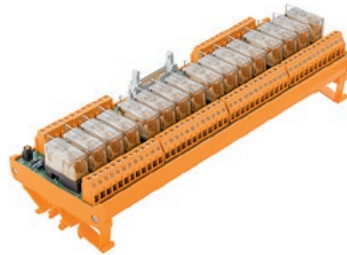
Note

Accessories

| | |
|-------------|--|
| Note | Relay 8693260000 RCL314024 24 V DC 1CO |
|-------------|--|

RSM-16 24V- 1CO

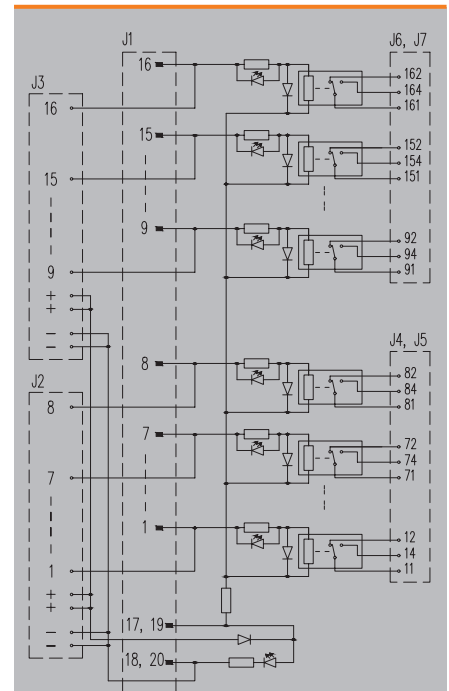
RCL relays (arranged in 1 rows) with 2 CO contacts



| Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm | | | |
|---|--|--|--|
| 20-pole plug | | | |
| RCL | | | |
| green | | | |
| yellow | | | |
| No | | | |
| No | | | |
| CE | | | |
| 24 V DC ± 10% | | | |
| 16.7 mA | | | |
| 24 V DC ± 10% | | | |
| 1 A | | | |
| CE | | | |
| AgNi 90/10 | | | |
| 250 V AC | | | |
| 6 A | | | |
| 0.1 A | | | |
| 5 V | | | |
| 30 x 10 ⁶ switching cycles | | | |
| CE | | | |
| -25...50 °C | | | |
| -40...60 °C | | | |
| CE, EAC | | | |
| < 50 V AC | | | |
| 250 V AC | | | |
| III | | | |
| II | | | |
| 2 | | | |
| 6 kV | | | |
| 1.2 kVAC | | | |
| ≥ 5.5 mm | | | |
| Screw connection | | PUSH IN connection | |
| 0.5 mm ² / 6 mm ² | | 0.12 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 6 mm ² | | 0.12 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | | TS 35, TS 32 | |
| 259 mm / 87 mm | | 259 mm / 87 mm | |

| Type | Depth | Order No. |
|-------------------|-------|------------|
| RSM-16 24V- 1CO S | 66 mm | 1448290000 |
| RSM-16 24V- 1CO Z | 66 mm | 1448310000 |

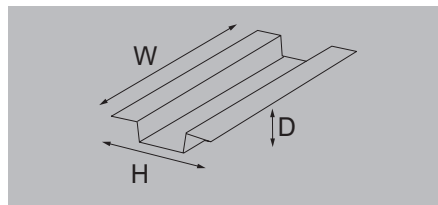
| | |
|-------------|--|
| Note | |
|-------------|--|



RSM – Isolated interfaces for digital output signals
**RSM – Interface
for 16 isolated digital output signals**

Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Negative switching


Technical data
Connection data and functionality

Connection on control side
Number of poles (control side)
Relay type
LED status display per relay
LED status of the supply voltage
Fuse per relay
Power supply fuse

Nominal input data

Input voltage
Input current
Operating voltage (supply)
Operating current (supply)

Nominal output data

Contact material
Operating voltage
Max. AC continuous current
Minimum contact current
Minimum contact voltage
Mechanical service life

General data

Ambient temperature (operational)
Storage temperature
Approvals

Insulation coordination (EN50178)

Rated input insulation voltage
Rated output insulation voltage
Overvoltage category input/output
Overvoltage category output/output
Pollution severity level
Pulse voltage test (1,2/50µs)
Insulation test voltage
Clearance input/output

Dimensions

Clamping range, min./max.
Clamping range, min./max.
Rail
Width / Height

Note
Ordering data

Screw connection without switch
Tension clamp connection without switch

Note
Accessories
Note
RSM-16 24V- 2CO

RCL relays (arranged in 1 row) with 2 CO contacts



Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm

20-pole plug

RCL

green

yellow

No

No

CE

24 V DC ± 10%

16.7 mA

24 V DC ± 10%

1 A

CE

AgNi 90/10

250 V AC

5 A

0.1 A

5 V

30 x 10⁶ switching cycles

CE

-25...50 °C

-40...60 °C

CE, EAC

< 50 V AC

250 V AC

III

III

2

6 kV

1.2 kVAC

≥ 5.5 mm

Screw connection

0.5 mm² / 6 mm²

0.13 mm² / 6 mm²

TS 35, TS 32

290 mm / 109 mm

Tension-clamp connection

0.13 mm² / 2.5 mm²

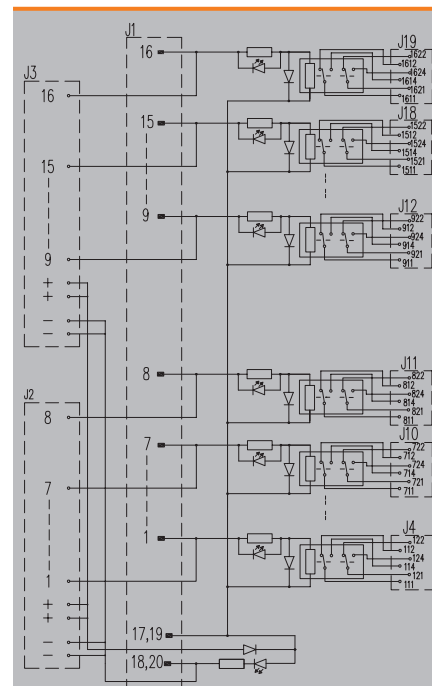
0.13 mm² / 2.5 mm²

TS 35, TS 32

290 mm / 109 mm

| Type | Depth | Order No. |
|-------------------|-------|------------|
| RSM-16 24V- 2CO S | 71 mm | 1449220000 |
| RSM-16 24V- 2CO Z | 66 mm | 1449250000 |

Relay 4058570000 RCL424024 24 V DC 2 CO



Dedicated solution for Honeywell C300

| | | |
|--|--|------|
| Dedicated solution for Honeywell C300 | Honeywell C300 – General description | B.2 |
| | Honeywell C300 – Selection guide | B.5 |
| | Honeywell C300 – FTA C300 Input/output passive interface | B.6 |
| | Honeywell C300 – FTA C300 Isolated interface per relay | B.11 |
| | Honeywell C300 – Interconnection cables | B.13 |

Field Terminal Assembly (FTA)

New interfaces for the Honeywell Experion PKS C300 controller

Weidmüller's new interfaces and pre-assembled cables allow you to wire up I/O cards from Honeywell's C300 controller quickly and simply in the field.

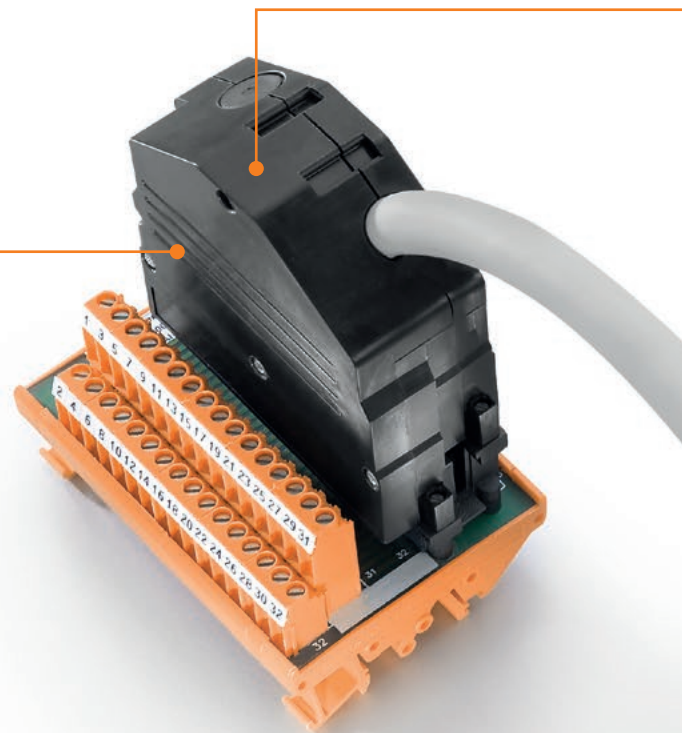
The IOTAs (Input Output Terminal Assemblies) are designed using Weidmüller PCB connectors and terminals. This design gives you the flexibility to connect directly to the field cabling wire to wire or with a pre-assembled cable in combination with Weidmüller's FTAs. In comparison to traditional wire-to-wire cabling, the new Weidmüller FTAs and pre-cabling solution offer a highly efficient method of wiring between I/O modules and the field.

Concise wiring in the electrical cabinet is possible because multicore cables are used instead of individual wires. The cable harness can be delivered with double or single connectors and even with unterminated ends.

The housing provides easy handling as well as a safe, firm connection to the IOTA. It also allows you to use cables with large cross-sections.

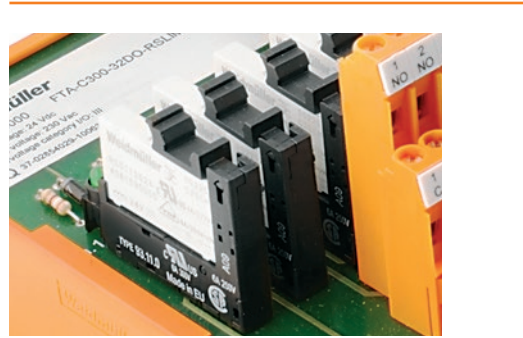
Minimised wiring effort

Pluggable connectors and cables minimise the on site wiring effort.



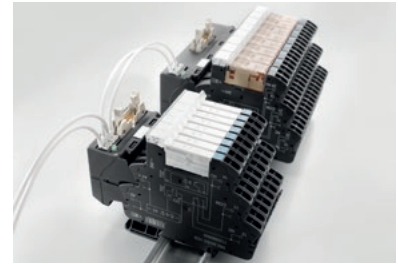
High current switching capability

The isolated digital output FTAs provide a high current switching capacity in a compact design.



TERMSERIES interface adapter

Our pre-assembled plug-and-play solution with TERMSERIES interface adapter enables and minimised wiring effort. See Chapter E



Clear identification

The IOTA and FTA are delivered with the same Weidmüller connectors and the same orientation.



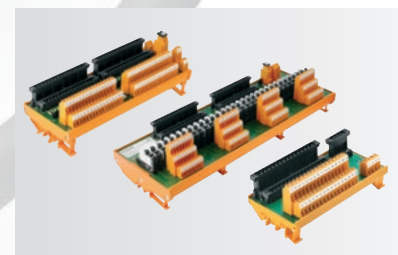
Excellent flexibility

The pre-assembled cables can be manufactured with different cross sections and in different lengths of up to 50 m.



Wide range of Weidmüller interfaces (FTA)

Weidmüller interfaces offer a large variety of functions such as LED indicators, insulators, relays or fuses for all the C300 I/O cards.



The following selection guides enable you to quickly and easily choose the correct products according to your application needs:

STEP 1: Choose the IOTA to be used.

STEP 2: In this column you can find the number and type of cable required to make the connection.

STEP 3: Choose the most suitable interface for the application.

Example: For CC-TDIL01 it's possible to select different options.

Solution 1: Pre-assembled cable C300-32B-320B (2 units)

Interface: 1221550000 (1 unit)

Solution 2: Pre-assembled cable C300-32B-320B (2 units)

Interface: 1222980000 (2 units)

Selection Guide for pre-assembled cables and FTA for Honeywell C300 IOTA's

| STEP 1 | | STEP 2 | | | | STEP 3 | | | | | | | Order No. | Type | Page |
|-----------------------|---|---|--------------|----------|------------|-----------------------------|--------------------------|------------------|---------------------------------|------------|--------------|--------------------|-----------------------|----------------------|--------------------|
| Honeywell IOTA | | Pre-assembled cables | | | | FTA (Weidmüller Interfaces) | | | | | | | | | |
| Kind of Card | Card | Cable Type | Units / IOTA | Channels | Connection | 1 LED per channel | Disconnect + Test points | Fuse per channel | External power supply connector | Isolation | Units / IOTA | | | | |
| 32 DI | CC-TDIL01 CC-TDIL11 CC-TDIL51 CC-TDIL61 | C300-32B-320B (Premium) or PAC-C300-3232 (Basic) page B.13 | 2 | 32 | | | | | Yes | | 1 | 1221550000 | FTA-C300-32DIOHV-S | B.6 | |
| | | | | | | | | | Yes | | 1 | 1222940000 | FTA-C300-32DHL-D-S | B.6 | |
| | | | | | | | | | Yes | Relay Gold | 1 | 1312040000 | FTA-C300-32DI-24VDC-S | B.11 | |
| | | | | | | | | | Yes | | 1 | 1221560000 | FTA-C300-32DIOHV-Z | B.6 | |
| | | | | | | | | | Yes | | 1 | 1222950000 | FTA-C300-32DHL-D-Z | B.6 | |
| | | | | | | | | | No | | 2 | 1222980000 | FTA-C300-16AO-SH-S | B.9 | |
| 32 DI High voltage | CC-TDI110 CC-TDI120 CC-TDI220 CC-TDI230 | C300-32B-320B (Premium) or PAC-C300-3232 (Basic) page B.13 | 2 | 32 | | | | | Yes | | 1 | 1221550000 | FTA-C300-32DIOHV-S | B.6 | |
| | | | | | | | | | Yes | | 1 | 1221560000 | FTA-C300-32DIOHV-Z | B.6 | |
| | | | | | | | | | No | | 2 | 1222980000 | FTA-C300-16AO-SH-S | B.9 | |
| | | | | | | | | | No | | 2 | 1222990000 | FTA-C300-16AO-SH-Z | B.9 | |
| | | | | | | | | | No | | 2 | 1223010000 | FTA-C300-16AO-SH-P | B.9 | |
| | | | | | | | | | No | | 2 | 1223010000 | FTA-C300-16AO-SH-P | B.9 | |
| 32 DO | CC-TDOB01 CC-TDOB11 CC-TDOD51 CC-TDOD61 | C300-32B-320B (Premium) or PAC-C300-3232 (Basic) page B.13 | 2 | 32 | | | | | Yes | | 1 | 1221550000 | FTA-C300-32DIOHV-S | B.6 | |
| | | | | | | | | | Yes | | 1 | 1221590000 | FTA-C300-32DO-LD-S | B.7 | |
| | | | | | | | | | Yes | | 1 | 1246910000 | FTA-C300-32DO-FUSE-S | B.7 | |
| | | | | | | | | | Yes | Relay 6A | 1 | 1221570000 | FTA-C300-32DO-SLIM-S | B.12 | |
| | | | | | | | | | Yes | | 1 | 1221560000 | FTA-C300-32DIOHV-Z | B.6 | |
| | | | | | | | | | Yes | | 1 | 1221600000 | FTA-C300-32DO-LD-Z | B.7 | |
| | | | | | | | | | Yes | Relay 6A | 1 | 1221580000 | FTA-C300-32DO-SLIM-Z | B.12 | |
| | | | | 16 | | | | | | No | | 2 | 1222980000 | FTA-C300-16IO-SH-S | B.9 |
| | | | | | | | | | | No | | 2 | 1223020000 | FTA-C300-16AO-TEST-S | B.9 |
| | | | | | | | | | | No | | 2 | 1222990000 | FTA-C300-16AO-SH-Z | B.9 |
| | | | | | | | | | | No | | 2 | 1223030000 | FTA-C300-16AO-TEST-Z | B.9 |
| | | | | | | | | | | No | | 2 | 2000020000 | FTA-C300-16AO-TP-Z | B.10 |
| | | | | | | | | | | No | | 2 | 1223010000 | FTA-C300-16AO-SH-P | B.9 |
| | | | | | | | | | | | No | | 1 | 1222980000 | FTA-C300-16AO-SH-S |
| 16 AO | CC-TAOX01 CC-TAOX11 CC-TAON01 CC-TAON11 CC-TAOX61 | C300-32B-320B (Premium) or PAC-C300-3232 (Basic) page B.13 | 1 | 16 | | | | | No | | 1 | 1223020000 | FTA-C300-16AO-TEST-S | B.9 | |
| | | | | | | | | | No | | 1 | 1222990000 | FTA-C300-16AO-SH-Z | B.9 | |
| | | | | | | | | | No | | 1 | 1223030000 | FTA-C300-16AO-TEST-Z | B.9 | |
| | | | | | | | | | No | | 1 | 2000020000 | FTA-C300-16AO-TP-Z | B.10 | |
| | | | | | | | | | No | | 1 | 1223010000 | FTA-C300-16AO-SH-P | B.9 | |
| | | | | | | | | | No | | 1 | 1222980000 | FTA-C300-16AO-SH-S | B.9 | |
| 16 AI | CC-TAIX01 CC-TAIX11 CC-TAIX51 CC-TAIX61 | C300-36B-324B (Premium) or PAC-C300-3636 (Basic) page B.14 | 1 | 16 | | | | | No | | 1 | 1247120000 | FTA-C300-16AI-SH-S | B.8 | |
| | | | | | | | | | No | | 1 | 1247140000 | FTA-C300-16AI-TEST-S | B.8 | |
| | | | | | | | | | No | | 1 | 1247130000 | FTA-C300-16AI-SH-Z | B.8 | |
| | | | | | | | | | No | | 1 | 1247150000 | FTA-C300-16AI-TEST-Z | B.8 | |
| Universal IO | CC-TUIO01 CC-TUIO11 CC-TUIO31 CC-TUIO41 | C300-32B-320B (Premium) or PAC-C300-3232 (Basic) page B.13 | 2 | 16 | | | | | No | | 2 | 1222980000 | FTA-C300-16IO-SH-S | B.9 | |
| | | | | | | | | | No | | 2 | 1222990000 | FTA-C300-16AO-SH-Z | B.9 | |
| | | | | | | | | No | | 2 | 2000020000 | FTA-C300-16AO-TP-Z | B.10 | | |
| | | | | | | | | No | | 2 | 1223010000 | FTA-C300-16AO-SH-P | B.9 | | |

Note:
 = Screw connection
 = Tension clamp connection
 = Pluggable connection

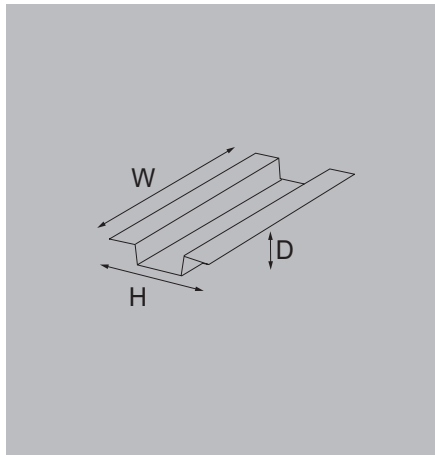
Honeywell C300 - FTA C300 Input/output passive interface

Honeywell C300 - FTA C300

Input/output passive interface for digital cards

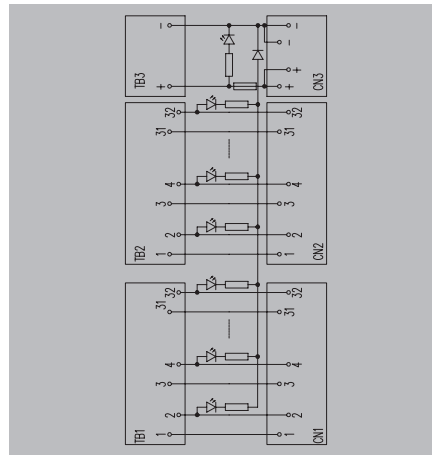
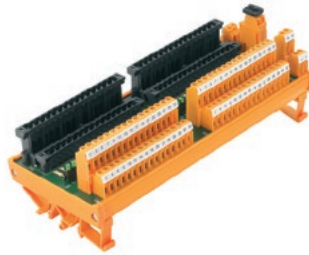
Passive interfaces (FTA) for connecting the Honeywell C300 digital IOTAs.

- Clearly labelled: same connector on the FTA and on the IOTA
- LED and fuse per channel (optional)
- Possibility of feeding the IOTA from the FTA (fuse protected)
- Screw or tension clamp connection



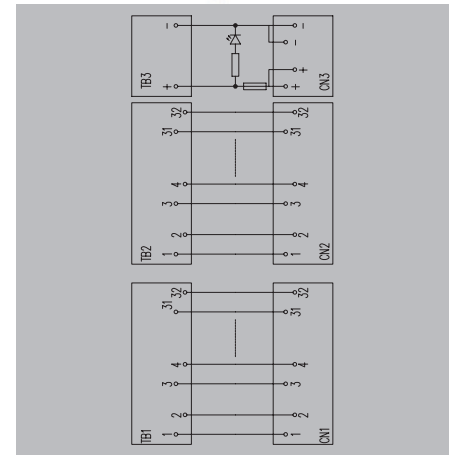
FTA-C300-32DI-LD

For: CC-TDIL01, CC-TDIL11



FTA-C300-32DIOHV

For: CC-TDIL01/11, CC-TDOB01/11, CC-TDI110/120/220/230



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | 24 V DC ± 10% |
| Max. current per channel | 1 A |
| Operating voltage (supply) | 24 V DC ± 10% |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 50 V AC |
| Surge voltage category | III |
| Pollution severity level | 2 |
| Insulation test voltage | 0.35 kVAC |
| Pulse voltage test (1,2/50µs) | 0.8 kV |
| Dimensions | |
| Clamping range, min./max. | 0.13 mm ² / 6 mm ² |
| Clamping range, min./max. | 0.13 mm ² / 6 mm ² |
| Rail | TS 35, TS 32 |
| Width / Height | 216 mm / 87 mm |
| Note | |

Ordering data

| Type | Depth | Order No. |
|--------------------|-------|------------|
| FTA-C300-32DI-LD-S | 65 mm | 1222940000 |
| FTA-C300-32DI-LD-Z | 65 mm | 1222950000 |

Screw connection
 Tension clamp connection

Note

Accessories

Note

| SLDV-THR 5.08 | |
|--|--|
| SLDV-THR 5.08 | |
| green | |
| yellow | |
| No | |
| 630 mA | |
| No | |
| SLDV-THR 5.08 | |
| ≤ 250 V AC | |
| 1 A | |
| 24 V DC ± 10% | |
| SLDV-THR 5.08 | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| SLDV-THR 5.08 | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 216 mm / 87 mm | |
| Tension-clamp connection | |
| 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 216 mm / 87 mm | |
| Note | |

| SLDV-THR 5.08 | |
|--|--|
| SLDV-THR 5.08 | |
| No | |
| yellow | |
| No | |
| 630 mA | |
| No | |
| SLDV-THR 5.08 | |
| ≤ 250 V AC | |
| 1 A | |
| 24 V DC ± 10% | |
| SLDV-THR 5.08 | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| SLDV-THR 5.08 | |
| < 250 V AC | |
| II | |
| 2 | |
| 1.2 kVAC | |
| 2 kV | |
| Screw connection | |
| 0.13 mm ² / 6 mm ² | |
| 0.13 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 216 mm / 87 mm | |
| Tension-clamp connection | |
| 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 216 mm / 87 mm | |
| Note | |
| For digital outputs, replace the fuse as required (max. 5 A). TB3 can only be used for 24 VDC. | |

| Type | Depth | Order No. |
|--------------------|-------|------------|
| FTA-C300-32DIOHV-S | 65 mm | 1221550000 |
| FTA-C300-32DIOHV-Z | 65 mm | 1221560000 |

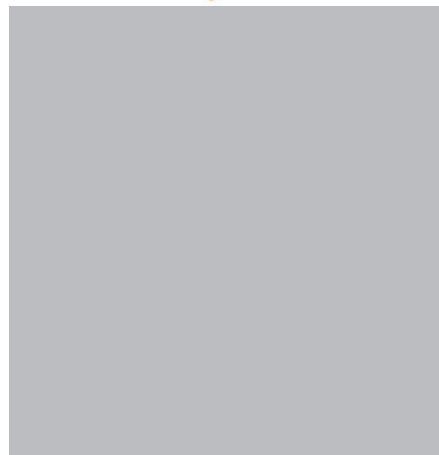
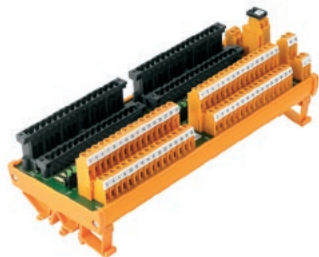
Note

Accessories

Note

FTA-C300-32D0-LD

For: CC-TD0B01, CC-TD0B11



| |
|---------------|
| SLDV-THR 5.08 |
| green |
| yellow |
| No |
| 5 A |
| No |
| 24 V DC ± 10% |
| 1 A |
| 24 V DC ± 10% |
| -25...50 °C |
| -40...60 °C |
| CE; EAC |
| < 50 V AC |
| III |
| 2 |
| 0.35 kVAC |
| 0.8 kV |

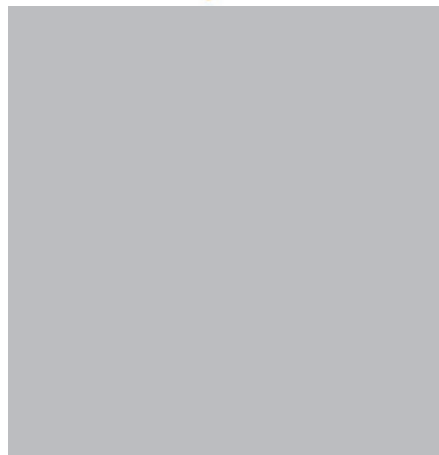
| Screw connection | Tension-clamp connection |
|--|--|
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 216 mm / 87 mm | 216 mm / 87 mm |

| Type | Depth | Order No. |
|--------------------|-------|------------|
| FTA-C300-32D0-LD-S | 65 mm | 1221590000 |
| FTA-C300-32D0-LD-Z | 65 mm | 1221600000 |



FTA-C300-32D0-FUSE

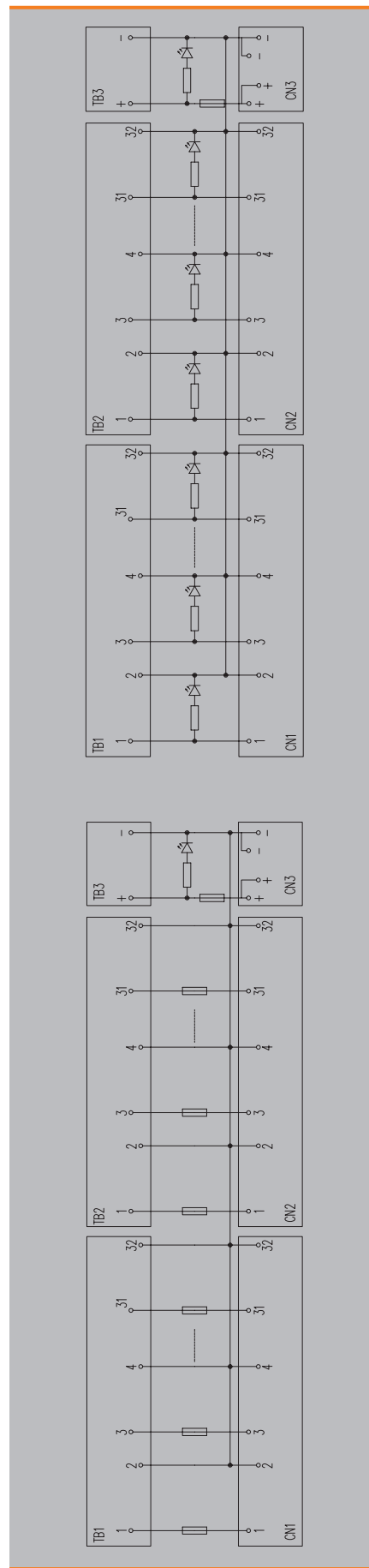
For: CC-TD0B01, CC-TD0B11



| |
|---------------|
| SLDV-THR 5.08 |
| No |
| yellow |
| 500 mA |
| 5 A |
| No |
| 24 V DC ± 10% |
| 1 A |
| 24 V DC ± 10% |
| -25...50 °C |
| -40...60 °C |
| CE; EAC |
| < 50 V AC |
| III |
| 2 |
| 0.35 kVAC |
| 0.8 kV |

| Screw connection | Tension-clamp connection |
|--|--|
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 217 mm / 133 mm | 217 mm / 133 mm |

| Type | Depth | Order No. |
|----------------------|-------|------------|
| FTA-C300-32D0-FUSE-S | 95 mm | 1246910000 |
| FTA-C300-32D0-FUSE-Z | 95 mm | 1246920000 |



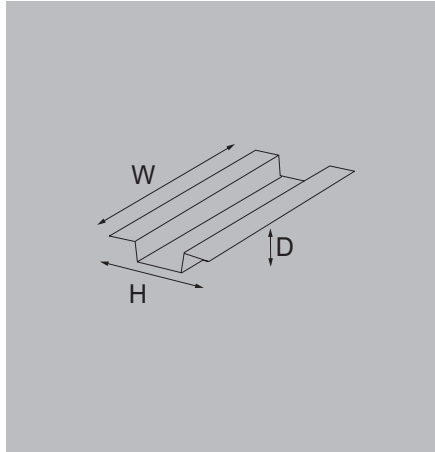
Honeywell C300 - FTA C300 Input/output passive interface

Honeywell C300 - FTA C300

Input/output passive interface for analogue and digital cards

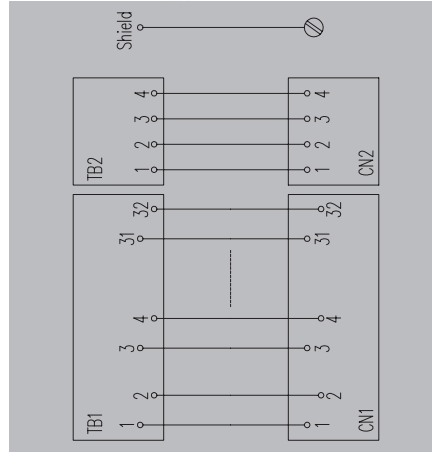
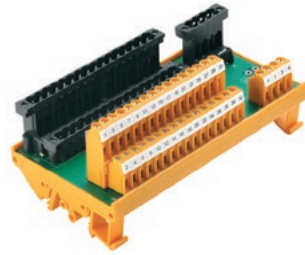
Passive interfaces (FTA) for connecting the Honeywell C300 analogue IOTAs.

- Same connector and position on the FTA and on the IOTA
- 2 units can also be used for digital IOTAs
- Disconnecting plugs and test points (2 mm in diameter) for voltage and current measurements
- M4 connection for shielding



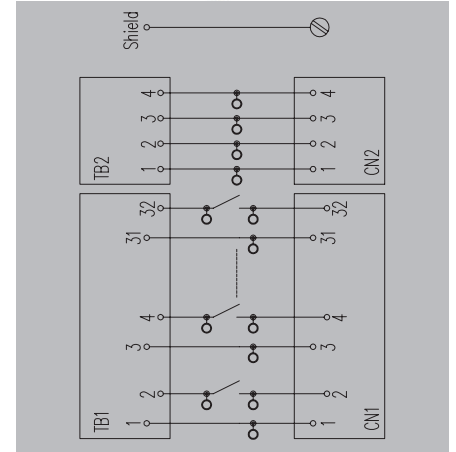
FTA-C300-16AI-SH

For: CC-TAIX01, CC-TAIX11, CC-TAIX51, CC-TAIX61



FTA-C300-16AI-TEST

For: CC-TAIX01, CC-TAIX11, CC-TAIX51, CC-TAIX61



Technical data

| Connection data and functionality | |
|-----------------------------------|--|
| Connection on control side | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | 250 V AC / 350 V DC |
| Max. current per channel | 1 A |
| Operating voltage (supply) | |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 250 V AC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 1.2 kVAC |
| Pulse voltage test (1,2/50µs) | 2 kV |
| Dimensions | |
| Clamping range, min./max. | 0.13 mm ² / 6 mm ² |
| Clamping range, min./max. | 0.13 mm ² / 6 mm ² |
| Rail | TS 35, TS 32 |
| Width / Height | 135 mm / 70 mm |
| Note | |

Ordering data

| Type | Depth | Order No. |
|--------------------------|-------|------------|
| Screw connection | 56 mm | 1247120000 |
| Tension clamp connection | 56 mm | 1247130000 |
| Plug-in connection | | |
| Note | | |
| Accessories | | |
| Note | | |

| SLDV-THR 5.08 | |
|--|--|
| No | |
| No | |
| No | |
| No | |
| No | |
| Diameter: 2 mm | |
| 24 V DC ± 10% | |
| 1 A | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| < 250 V AC | |
| II | |
| 2 | |
| 1.2 kVAC | |
| 2 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 135 mm / 70 mm | 135 mm / 70 mm |
| Note | |

| SLDV-THR 5.08 | |
|--|--|
| No | |
| No | |
| No | |
| No | |
| No | |
| Diameter: 2 mm | |
| 24 V DC ± 10% | |
| 1 A | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| ≤ 50 V DC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 141 mm / 133 mm | 141 mm / 133 mm |
| Note | |

| Type | Depth | Order No. |
|--------------------------------|-------|------------|
| Screw connection | 95 mm | 1247140000 |
| Tension clamp connection | 95 mm | 1247150000 |
| Plug-in connection | | |
| Note | | |
| Accessories | | |
| Test plug PS 2.0 MC 0310000000 | | |

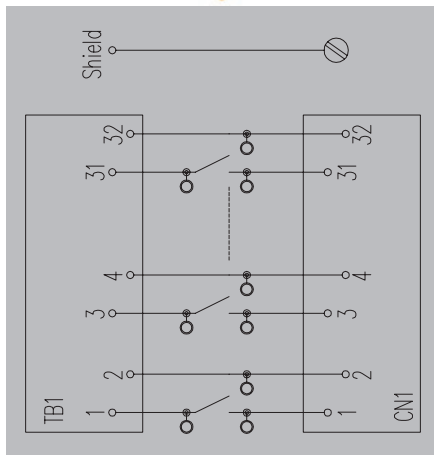
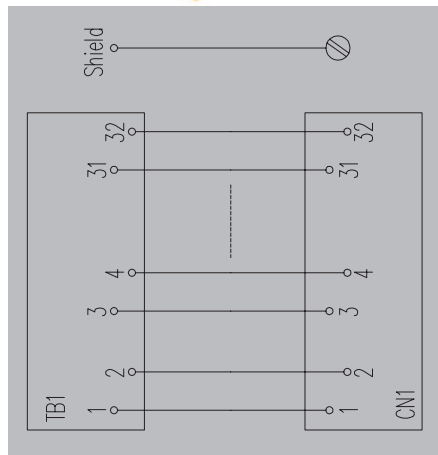
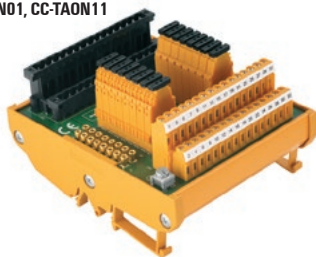
FTA-C300-16AO-SH

CC-TDI 110/120/220/230/L01/L11, TDOB01/11, TAOX 01/11; TUI01/11



FTA-C300-16AO-TEST

For: CC-TDOB01, CC-TDOB11, CC-TAOX01, CC-TAOX11, CC-TAON01, CC-TAON11



| |
|---------------------|
| SLDV-THR 5.08 |
| No |
| No |
| No |
| No |
| No |
| 250 V AC / 350 V DC |
| 1 A |

| |
|-------------|
| -25...50 °C |
| -40...60 °C |
| CE; EAC |
| < 250 V AC |
| II |
| 2 |
| 1.2 kVAC |
| 2 kV |

| Screw connection | Tension-clamp connection |
|--|--|
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 105 mm / 70 mm | 105 mm / 70 mm |

The power connector is not supplied in the interface for digital cards

| Type | Depth | Order No. |
|--------------------|-------|------------|
| FTA-C300-16AO-SH-S | 56 mm | 1222980000 |
| FTA-C300-16AO-SH-Z | 56 mm | 1222990000 |
| FTA-C300-16AO-SH-P | 56 mm | 1223010000 |

| |
|----------------|
| SLDV-THR 5.08 |
| No |
| No |
| No |
| No |
| Diameter: 2 mm |
| 24 V DC ± 10% |
| 1 A |

| |
|-------------|
| -25...50 °C |
| -40...60 °C |
| CE; EAC |
| ≤ 50 V DC |
| III |
| 2 |
| 0.35 kVAC |
| 0.8 kV |

| Screw connection | Tension-clamp connection |
|--|--|
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 110 mm / 133 mm | 110 mm / 133 mm |

The power connector is not supplied in the interface for digital cards

| Type | Depth | Order No. |
|----------------------|-------|------------|
| FTA-C300-16AO-TEST-S | 95 mm | 1223020000 |
| FTA-C300-16AO-TEST-Z | 95 mm | 1223030000 |

Test plug PS 2.0 MC 0310000000

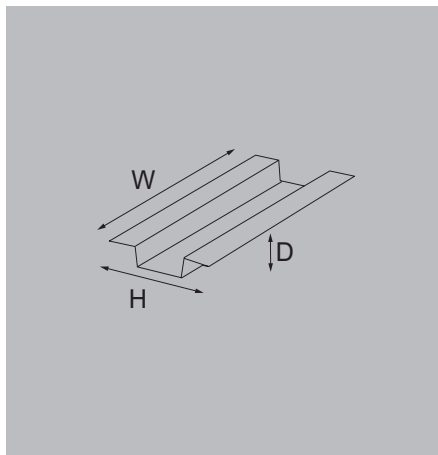
Honeywell C300 - FTA C300 Input/output passive interface

Honeywell C300 - FTA C300

Input/output passive interface for analogue and digital cards

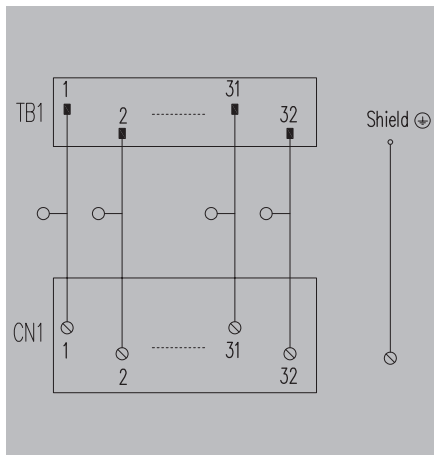
Passive interfaces (FTA) for connecting to Honeywell C300 analogue IOTAs.

- Same connector and position on the FTA and on the IOTA
- 2 units can also be used for digital IOTAs.
- Disconnectors and test points (2mm in diameter) for voltage and current measurements
- M4 connection for shielding



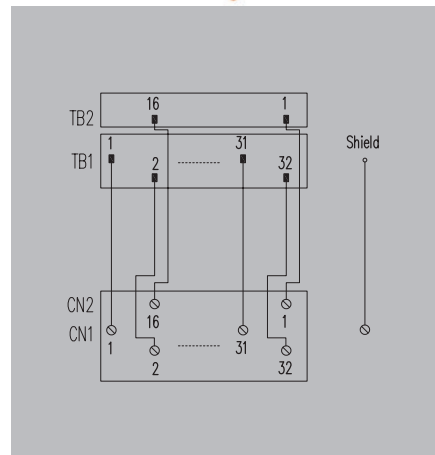
FTA-C300-16A0-TP

For: CC-TDOB01/11, CC-TAOX01/11, CC-TAON01/11, CC-TUI001/11



FTA-C300-16DAI-SH

For: CC-TAID01, CC-TAID11



B

Technical data

| Connection data and functionality | |
|-----------------------------------|---------------|
| Connection on control side | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Type of test point | |
| Rated data | |
| Operating voltage | 24 V DC ± 10% |
| Max. current per channel | 1 A |
| Operating voltage (supply) | |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | ≤ 50 V DC |
| Surge voltage category | III |
| Pollution severity level | 2 |
| Insulation test voltage | 0.35 kVAC |
| Pulse voltage test (1,2/50µs) | 0.8 kV |

| Dimensions | |
|---------------------------|--|
| Clamping range, min./max. | 0.13 mm ² / 2.5 mm ² |
| Clamping range, min./max. | 0.13 mm ² / 2.5 mm ² |
| Rail | TS 35, TS 32 |
| Width / Height | 105 mm / 86 mm |
| Note | |

Ordering data

| Type | Depth | Order No. |
|--------------------------|-------|-----------|
| Screw connection | | |
| Tension clamp connection | | |
| Plug-in connection | | |

Note

Accessories

Note

| SLDV-THR 5.08 | |
|----------------|--|
| No | |
| No | |
| No | |
| No | |
| No | |
| No | |
| Diameter: 2 mm | |
| 24 V DC ± 10% | |
| 1 A | |
| | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| ≤ 50 V DC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |

| Tension-clamp connection | |
|--|--|
| 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 105 mm / 86 mm | |

| Type | Depth | Order No. |
|--------------------|-------|------------|
| FTA-C300-16A0-TP-Z | 66 mm | 2000020000 |

Note

Test plug PS 2.0 MC 0310000000

| SLDV-THR 5.08 | |
|----------------------------|--|
| No | |
| No | |
| No | |
| No | |
| No | |
| No | |
| 100 V AC / 150 V DC / ±10% | |
| 1.5 A | |
| | |
| -25...50 °C | |
| -40...60 °C | |
| CE, EAC | |
| ≤ 50 V DC | |
| II | |
| 2 | |
| 0.6 kVAC | |
| 1 kV | |

| Screw connection | | Tension-clamp connection | |
|--|--|--|--|
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| 0.13 mm ² / 6 mm ² | | 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | | TS 35, TS 32 | |
| 105 mm / 109 mm | | 105 mm / 109 mm | |

| Type | Depth | Order No. |
|---------------------|-------|------------|
| FTA-C300-16DAI-SH-S | 85 mm | 1415220000 |
| FTA-C300-16DAI-SH-Z | 80 mm | 1415230000 |

Note

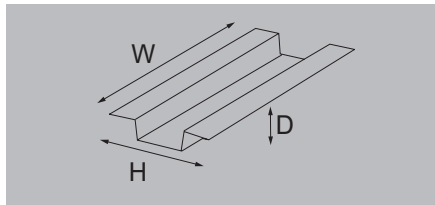
Note

Honeywell C300 - FTA C300

Isolated input interface for digital cards

Passive interfaces (FTA) for connecting to Honeywell C300 analogue IOTAs.

- Clear identification: same connector and position on the FTA and on the IOTA
- Reinforced insulation at input/output (basic between contacts)
- Possibility of powering the IOTA from the FTA
- Screw or tension clamp connection



Technical data

Connection data and functionality

- Connection on control side
- Number of poles (control side)
- Relay type
- LED status display per relay
- LED status of the supply voltage
- Fuse per relay
- Power supply fuse

Nominal input data

- Input voltage
- Input current
- Operating voltage (supply)

Nominal output data

- Contact material
- Operating voltage
- Max. DC continuous current

General data

- Ambient temperature (operational)
- Storage temperature
- Approvals

Insulation coordination (EN50178)

- Rated input insulation voltage
- Rated output insulation voltage
- Overtoltage category input/output
- Overtoltage category output/output
- Pollution severity level
- Pulse voltage test (1,2/50µs)
- Insulation test voltage
- Clearance input/output

Dimensions

- Clamping range, min./max.
- Clamping range, min./max.
- Rail
- Width / Height

Note

Ordering data

| |
|------------------|
| Screw connection |
|------------------|

Note

Accessories

Note

FTA-C300-32DI-24 V DC

For: CC-TDIL01, CC-TDIL11



Technical data

- SLDV-THR 5.08
- 64-pole
- RSS
- green
- yellow
- No
- 630 mA

Nominal input data

- 24 V DC ± 10%
- 13 mA
- 24 V DC ± 10%

Nominal output data

- AgNi gold flashed
- 24 V DC ± 10%
- 0.1 A

General data

- 25...50 °C
- 40...60 °C
- CE, EAC

Insulation coordination (EN50178)

- < 50 V AC
- < 50 V AC
- III
- III
- 2
- 1.5 kV
- 0.35 kVAC
- ≥ 6 mm

Screw connection

- 0.13 mm² / 6 mm²
- 0.13 mm² / 6 mm²
- TS 35, TS 32
- 244 mm / 131 mm

Note

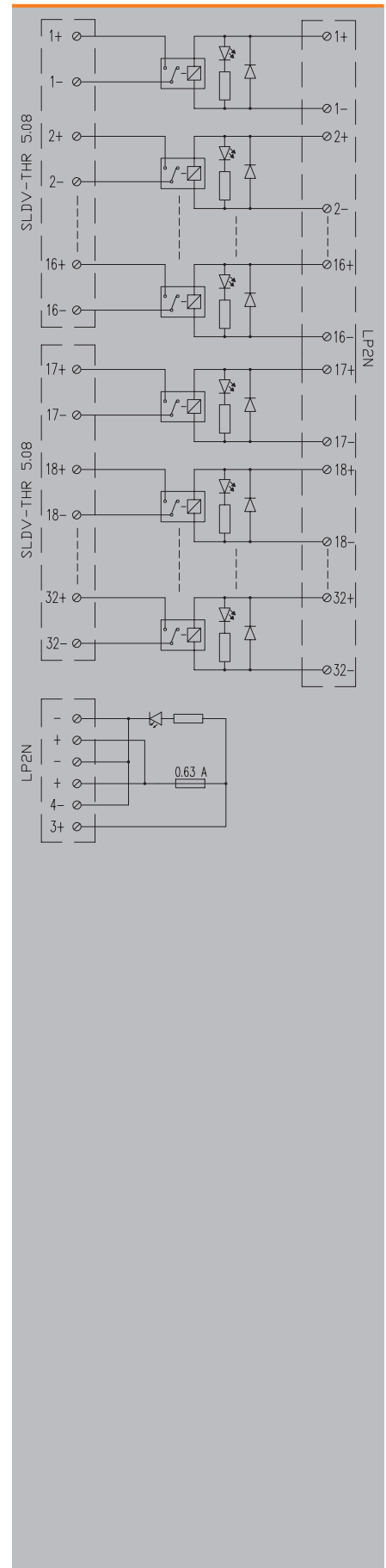
Ordering data

| Type | Depth | Order No. |
|-----------------------|-------|------------|
| FTA-C300-32DI-24VDC-S | 65 mm | 1312040000 |

Note

Accessories

Relay 4061590000 RSS 24 V DC 1 CD AU



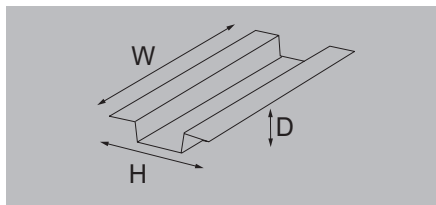
Honeywell C300 - FTA C300 Isolated interface per relay

Honeywell C300 - FTA C300

Isolated output interface for digital cards

Passive interfaces (FTA) for connecting the Honeywell C300 analogue IOTAs.

- Clearly labelled: same connector and position on the FTA and on the IOTA
- Input/output reinforced insulation (basic between contacts)
- Possibility of powering the IOTA from the FTA
- Screw or tension clamp connection



Technical data

Connection data and functionality

- Connection on control side
- Number of poles (control side)
- Relay type
- LED status display per relay
- LED status of the supply voltage
- Fuse per relay
- Power supply fuse

Nominal input data

- Input voltage
- Input current
- Operating voltage (supply)

Nominal output data

- Contact material
- Operating voltage
- Max. DC continuous current

General data

- Ambient temperature (operational)
- Storage temperature
- Approvals

Insulation coordination (EN50178)

- Rated input insulation voltage
- Rated output insulation voltage
- Overvoltage category input/output
- Overvoltage category output/output
- Pollution severity level
- Pulse voltage test (1,2/50µs)
- Insulation test voltage
- Clearance input/output

Dimensions

- Clamping range, min./max.
- Clamping range, min./max.
- Rail
- Width / Height

Note

Ordering data

| | |
|--|--------------------------|
| | Screw connection |
| | Tension clamp connection |

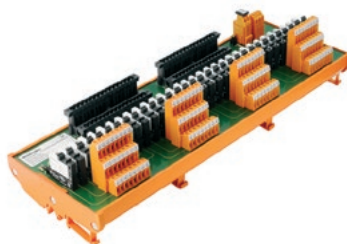
Note

Accessories

Note

FTA-C300-32DO-RSLIM

For: CC-TD0B01, TD0B11



Technical data

- SLDV-THR 5.08
- 64-pole
- RSS
- green
- yellow
- No
- 5 A

Nominal input data

- 24 V DC ± 10%
- 13 mA
- 24 V DC ± 10%

Nominal output data

- AgNi 90/10
- 250 V

General data

- 25...50 °C
- 40...60 °C
- CE, EAC

Insulation coordination (EN50178)

- < 50 V AC
- < 250 V AC
- III
- II
- 2
- 6 kV
- 1.2 kVAC
- ≥ 5.5 mm

Dimensions

| Screw connection | Tension-clamp connection |
|--|--|
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 368 mm / 133 mm | 368 mm / 133 mm |

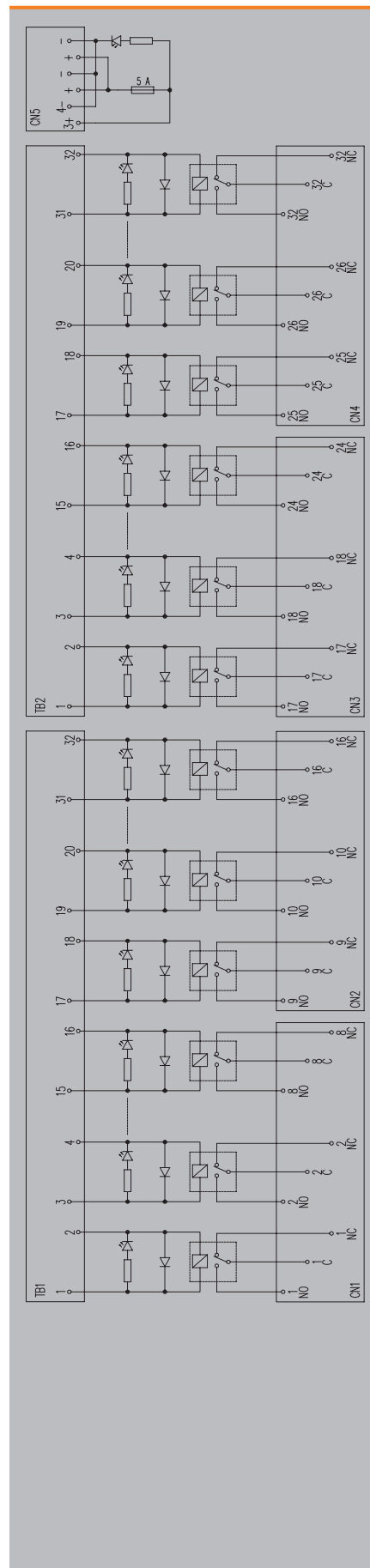
Note

| Type | Depth | Order No. |
|-----------------------|-------|------------|
| FTA-C300-32DO-RSLIM-S | 95 mm | 1221570000 |
| FTA-C300-32DO-RSLIM-Z | 95 mm | 1221580000 |

Note

Accessories

Relay 4060120000 RSS 24 V DC 1 CO



Honeywell C300 - Interconnection cables interconnection

Pre-assembled cables for connecting the C300 cards to the Weidmüller interfaces. 2 ranges:

- Premium: With housing for the connector
- Basic: Without housing for the connector

Shielded Cable Li YCY
 Colour code according DIN 47100
 Halogen free cables on demand

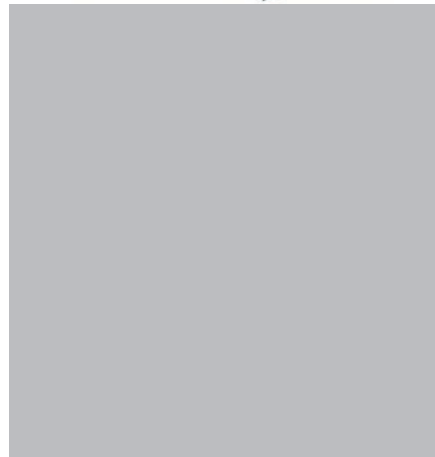
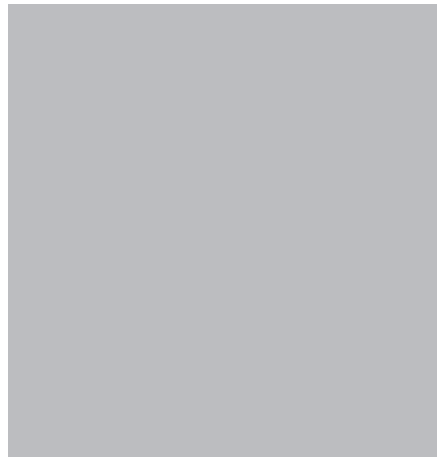
C300-32B-320B – Premium range

32 poles connector to 32 poles connector (with housing)



PAC-C300-3232 – Basic range

32 poles connector to 32 poles connector (without housing)



Technical data

| Rated data | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Nominal rating, control cable | |
| Cable | Cable LiYCY |
| Material | PVC |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Cable | Cable LiYCY |
| Material | PVC |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Cable | Cable LiYCY |
| Material | PVC |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

Note

Resistance value according to the wire cross-section. See www.weidmueller.com

Resistance value according to the wire cross-section. See www.weidmueller.com

Ordering data

| Division | Type | Qty. | Order No. |
|----------------------|-------------------------|------|------------|
| 0.25 mm ² | C300-32B-320B-2S-M25-1M | 1 | 7789828010 |
| 0.34 mm ² | C300-32B-320B-2S-M34-1M | 1 | 7789888010 |
| 0.50 mm ² | C300-32B-320B-2S-M50-1M | 1 | 7789838010 |

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| C300-32B-320B-2S-M25-1M | 1 | 7789828010 |
| C300-32B-320B-2S-M34-1M | 1 | 7789888010 |
| C300-32B-320B-2S-M50-1M | 1 | 7789838010 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| PAC-C300-3232-25-1M | 1 | 7789880010 |
| PAC-C300-3232-34-1M | 1 | 1498820010 |
| PAC-C300-3232-50-1M | 1 | 7789882010 |

Note

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable would be 10 m long.

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable would be 10 m long.

Accessories

Note

Honeywell C300 - Interconnection cables

Honeywell C300 - Interconnection cables interconnection

Pre-assembled cables for connecting the C300 cards to the Weidmüller interfaces. 2 ranges:

- Premium: With housing for the connector
- Basic: Without housing for the connector

Shielded Cable Li YCY
 Colour code according DIN 47100
 Halogen free cables on demand

C300-36B-324B - Premium range

32 + 4 poles connector to 32+4 poles connector (with housing)



PAC-C300-3636 - Basic range

32+4 poles connector to 32+4 poles connector (without housing)



B

Technical data

| Rated data | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Nominal rating, control cable | |
| Cable | Cable LiYCY |
| Material | PVC |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| Rated data | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Nominal rating, control cable | |
| Cable | Cable LiYCY |
| Material | PVC |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| Rated data | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Nominal rating, control cable | |
| Cable | Cable LiYCY |
| Material | PVC |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| Note |
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|--|
| Resistance value according to the wire cross-section. See www.weidmueller.com |
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|--|
| Resistance value according to the wire cross-section. See www.weidmueller.com |
|--|

Ordering data

| Division | Type | Qty. | Order No. |
|----------------------|-------------------------|------|------------|
| 0.25 mm ² | C300-36B-324B-2S-M25-1M | 1 | 7789829010 |
| 0.34 mm ² | C300-36B-324B-2S-M34-1M | 1 | 7789891010 |
| 0.50 mm ² | C300-36B-324B-2S-M50-1M | 1 | 7789892010 |

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| C300-36B-324B-2S-M25-1M | 1 | 7789829010 |
| C300-36B-324B-2S-M34-1M | 1 | 7789891010 |
| C300-36B-324B-2S-M50-1M | 1 | 7789892010 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| PAC-C300-3636-25-1M | 1 | 7789884010 |
| PAC-C300-3636-34-1M | 1 | 7789885010 |
| PAC-C300-3636-50-1M | 1 | 7789837010 |

| Note |
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| The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable would be 10 m long. |
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| The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable would be 10 m long. |
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Accessories

| Note |
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Honeywell C300 - Interconnection cables interconnection

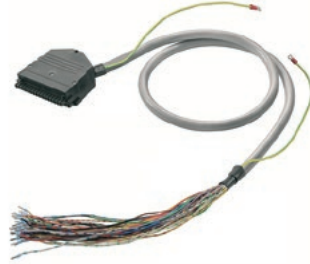
Pre-assembled cables for connecting the C300 cards to the Weidmüller interfaces. 2 ranges:

- Premium: With housing for the connector
- Basic: Without housing for the connector

Shielded Cable LI YCY
 Colour code according DIN 47100
 Halogen free cables on demand

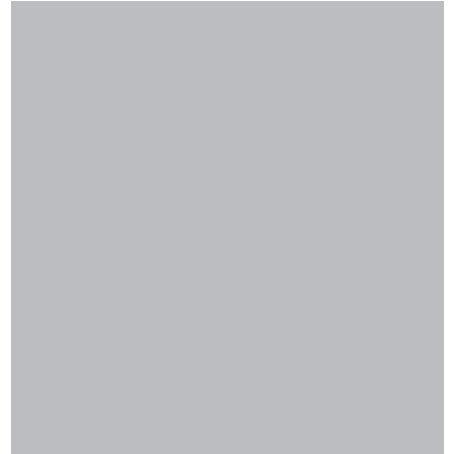
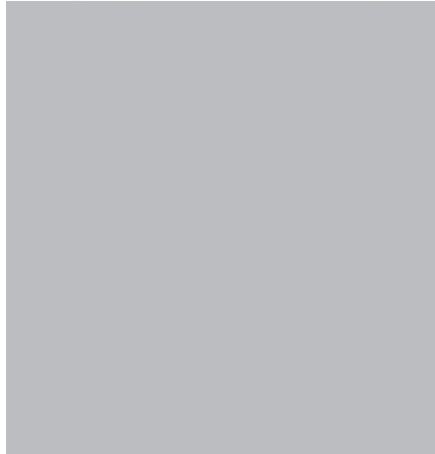
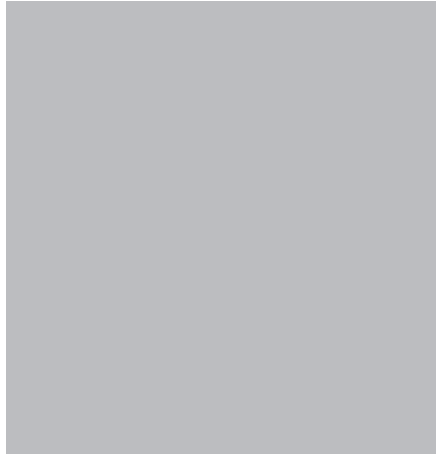
C300-32B-F - Premium range

32 poles connector to ferrules (with housing)



PAC-C300-32-F - Basic range

32 poles connector to ferrules (without housing)



Technical data

| Rated data | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Nominal rating, control cable | |
| Cable | Cable LiYCY |
| Material | PVC |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Cable | Cable LiYCY |
| Material | PVC |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Cable | Cable LiYCY |
| Material | PVC |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

Note

Resistance value according to the wire cross-section. See www.weidmueller.com

Resistance value according to the wire cross-section. See www.weidmueller.com

Ordering data

| Division | Type | Qty. | Order No. |
|----------------------|----------------------|------|------------|
| 0.25 mm ² | C300-32B-F-2S-M25-1M | 1 | 1349350010 |
| 0.34 mm ² | C300-32B-F-2S-M34-1M | 1 | 7789617010 |
| 0.50 mm ² | C300-32B-F-2S-M50-1M | 1 | 7789895010 |

| Type | Qty. | Order No. |
|----------------------|------|------------|
| C300-32B-F-2S-M25-1M | 1 | 1349350010 |
| C300-32B-F-2S-M34-1M | 1 | 7789617010 |
| C300-32B-F-2S-M50-1M | 1 | 7789895010 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| PAC-C300-32-F-25-1M | 1 | 1349330010 |
| PAC-C300-32-F-34-1M | 1 | 1373900010 |
| PAC-C300-32-F-50-1M | 1 | 1373940010 |

Note

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long.

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long.

Accessories

Note

Honeywell C300 - Interconnection cables

Honeywell C300 - Interconnection cables interconnection

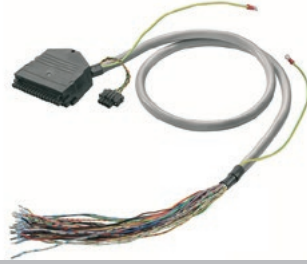
Pre-assembled cables for connecting the C300 cards to the Weidmüller interfaces. 2 ranges:

- Premium: With housing for the connector
- Basic: Without housing for the connector

Shielded Cable LI YCY
 Colour code according DIN 47100
 Halogen free cables on demand

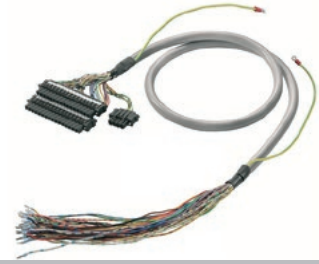
C300-36B-F - Premium range

32+4 poles connector to ferrules (with housing)



PAC-C300-36-F - Basic range

32+4 poles connector to ferrules (without housing)



B

Technical data

| Rated data | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Nominal rating, control cable | |
| Cable | Cable LiYCY |
| Material | PVC |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Cable | Cable LiYCY |
| Material | PVC |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| | |
|-----------------------------------|-------------|
| Capacity wire / shield | 300 pF/m |
| Capacity wire / wires | 300 pF/m |
| Cable | Cable LiYCY |
| Material | PVC |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| Note |
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|--|
| Resistance value according to the wire cross-section. See www.weidmueller.com |
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| Resistance value according to the wire cross-section. See www.weidmueller.com |
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Ordering data

| Division | Type | Qty. | Order No. |
|----------------------|----------------------|------|------------|
| 0.25 mm ² | C300-36B-F-2S-M25-1M | 1 | 1349370010 |
| 0.34 mm ² | C300-36B-F-2S-M34-1M | 1 | 1373780010 |
| 0.50 mm ² | C300-36B-F-2S-M50-1M | 1 | 1373820010 |

| Type | Qty. | Order No. |
|----------------------|------|------------|
| C300-36B-F-2S-M25-1M | 1 | 1349370010 |
| C300-36B-F-2S-M34-1M | 1 | 1373780010 |
| C300-36B-F-2S-M50-1M | 1 | 1373820010 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| PAC-C300-36-F-25-1M | 1 | 1349340010 |
| PAC-C300-36-F-34-1M | 1 | 1373910010 |
| PAC-C300-36-F-50-1M | 1 | 1373950010 |

| Note |
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| The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long. |
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| The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long. |
|--|

Accessories

| Note |
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Honeywell C300 - Interconnection cables interconnection

Pre-assembled cables for connecting the C300 cards to the Weidmüller interfaces. 2 ranges:

- Premium: With housing for the connector
- Basic: Without housing for the connector

Shielded Cable LI YCY
 Colour code according DIN 47100
 Halogen free cables on demand

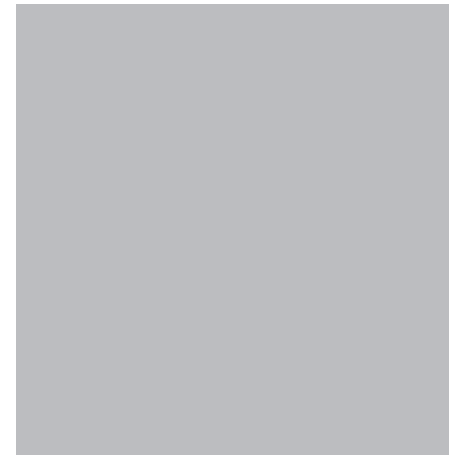
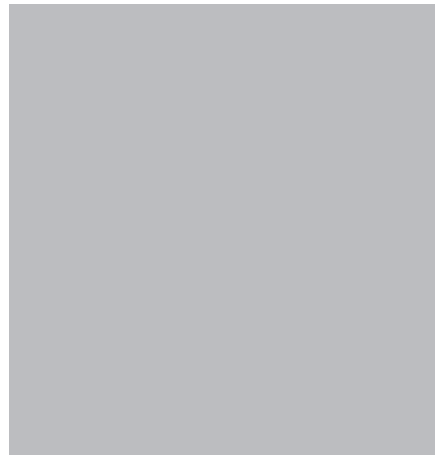
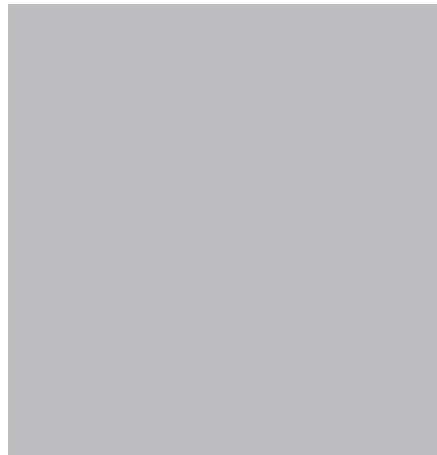
C300-16B-160B – Premium range

16 poles connector to 16 poles connector (with housing)



PAC-C300-1616 – Basic range

16 poles connector to 16 poles connector (without housing)



Technical data

| |
|--------------------------------------|
| Rated data |
| Capacity wire / shield |
| Capacity wire / wires |
| Nominal rating, control cable |
| Cable |
| Material |
| General data |
| Ambient temperature (operational) |
| Storage temperature |

| |
|-------------|
| 300 pF/m |
| 300 pF/m |
| Cable LiYCY |
| PVC |
| -10...50 °C |
| -10...60 °C |

| |
|-------------|
| 300 pF/m |
| 300 pF/m |
| Cable LiYCY |
| PVC |
| -10...50 °C |
| -10...60 °C |

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| Note |
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|--|
| Resistance value according to the wire cross-section. See www.weidmueller.com |
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|--|
| Resistance value according to the wire cross-section. See www.weidmueller.com |
|--|

Ordering data

| Division | |
|----------------------|--|
| 0.25 mm ² | |
| 0.34 mm ² | |
| 0.50 mm ² | |

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| C300-16B-160B-2S-M25-1M | 1 | 1481690010 |
| C300-16B-160B-2S-M34-1M | 1 | 1481710010 |
| C300-16B-160B-2S-M50-1M | 1 | 1481720010 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| PAC-C300-1616-25-1M | 1 | 1481610010 |
| PAC-C300-1616-34-1M | 1 | 1481620010 |
| PAC-C300-1616-50-1M | 1 | 1481630010 |

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| Note |
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| The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long. |
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| The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long. |
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Accessories

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| Note |
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Honeywell C300 - Interconnection cables

Honeywell C300 - Interconnection cables interconnection

Pre-assembled cables for connecting the C300 cards to the Weidmüller interfaces. 2 ranges:

- Premium: With housing for the connector
- Basic: Without housing for the connector

Shielded Cable LI YCY
 Colour code according DIN 47100
 Halogen free cables on demand

C300-16B-F - Premium range

16 poles connector to ferrules (with housing)



PAC-C300-16-F - Basic range

16 poles connector to ferrules (without housing)



B

Technical data

| Rated data | | |
|-----------------------------------|-------------|-------------|
| Capacity wire / shield | 300 pF/m | 300 pF/m |
| Capacity wire / wires | 300 pF/m | 300 pF/m |
| Nominal rating, control cable | | |
| Cable | Cable LiYCY | Cable LiYCY |
| Material | PVC | PVC |
| General data | | |
| Ambient temperature (operational) | -10...50 °C | -10...50 °C |
| Storage temperature | -10...60 °C | -10...60 °C |

| Note | Resistance value according to the wire cross-section. See www.weidmueller.com | Resistance value according to the wire cross-section. See www.weidmueller.com |
|------|--|--|
|------|--|--|

Ordering data

| Division | Type | Qty. | Order No. |
|----------------------|----------------------|------|------------|
| 0.25 mm ² | C300-16B-F-2S-M25-1M | 1 | 1481740010 |
| 0.34 mm ² | C300-16B-F-2S-M34-1M | 1 | 1481750010 |
| 0.50 mm ² | C300-16B-F-2S-M50-1M | 1 | 1481760010 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| PAC-C300-16-F-25-1M | 1 | 1481650010 |
| PAC-C300-16-F-34-1M | 1 | 1481660010 |
| PAC-C300-16-F-50-1M | 1 | 1481670010 |

| Note | The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long. | The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long. |
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Accessories

| Note | | |
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Honeywell C300 - Interconnection cables interconnection

Pre-assembled cables for connecting the C300 cards to the Weidmüller interfaces. 2 ranges:

- Premium: With housing for the connector
- Basic: Without housing for the connector

Shielded Cable LI YCY
 Colour code according DIN 47100
 Halogen free cables on demand

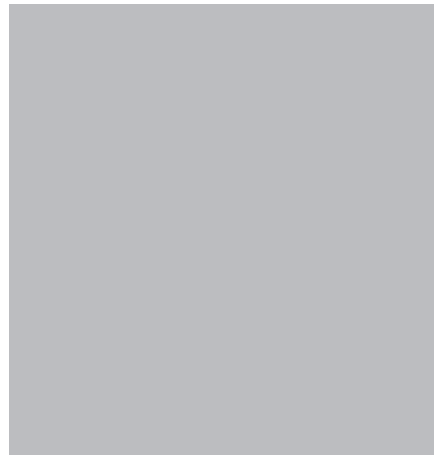
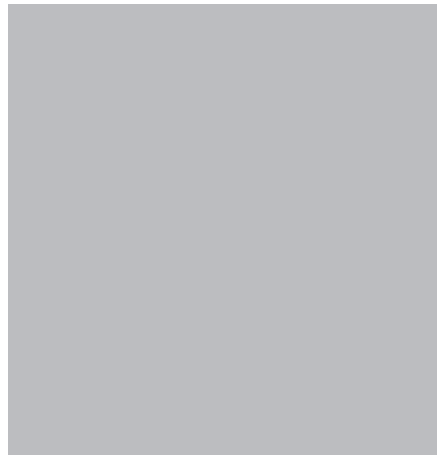
C300-32B-216B - Premium range

32 poles connector to 2X16 poles connector (with housing)



PAC-C300-32-1616 - Basic range

32 poles connector to 2X16 poles connector (without housing)



Technical data

| |
|--------------------------------------|
| Rated data |
| Capacity wire / shield |
| Capacity wire / wires |
| Nominal rating, control cable |
| Cable |
| Material |
| General data |
| Ambient temperature (operational) |
| Storage temperature |

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|-------------|
| 300 pF/m |
| 300 pF/m |
| |
| Cable LiYCY |
| PVC |
| |
| -10...50 °C |
| -10...60 °C |

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|-------------|
| Note |
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| Resistance value according to the wire cross-section. See www.weidmueller.com |
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| Resistance value according to the wire cross-section. See www.weidmueller.com |
|--|

Ordering data

| Division | |
|----------------------|--|
| 0.25 mm ² | |
| 0.34 mm ² | |
| 0.50 mm ² | |

| Type | Qty. | Order No. |
|-------------------------|------|-------------------|
| C300-32B-216B-2S-M25-1M | 1 | 2699000010 |
| C300-32B-216B-2S-M34-1M | 1 | 2699010010 |
| C300-32B-216B-2S-M50-1M | 1 | 2699020010 |

| Type | Qty. | Order No. |
|------------------------|------|-------------------|
| PAC-C300-32-1616-25-1M | 1 | 1373880010 |
| PAC-C300-32-1616-34-1M | 1 | 7789893010 |
| PAC-C300-32-1616-50-1M | 1 | 1373920010 |

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| Note |
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| The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long. |
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| The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long. |
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Accessories

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| Note |
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Interface units for Yokogawa CS3000 and ProSafe

Interface units for Yokogawa CS3000 and ProSafe

| | |
|--|------|
| Yokogawa CS3000 and ProSafe – General description | C.2 |
| Yokogawa CS3000 – Selection guide | C.5 |
| Yokogawa CS3000 – TBY Input/Output interfaces for CS3000 | C.6 |
| Yokogawa ProSafe – Selection guide | C.17 |
| Yokogawa ProSafe – TBY Input/Output interfaces for ProSafe | C.18 |
| MIL cables | C.26 |
| Yokogawa backplane – SIL Backplane for digital outputs | C.28 |

Interface units for Yokogawa CS3000 and ProSafe

Secure and fast connection between Distributed Control Systems and the field

C

The goal is to provide a simple and clean connection between sensors/actuators and the Yokogawa controllers. This is achieved by using our interface units in the marshalling cabinets.

The main goals of the Yokogawa CS3000 and Prosafe interfaces are to prevent cabling errors, save space in the electronics cabinet and save time and costs in the construction of electronics cabinets.

This is where our interface units for the Yokogawa CS3000 and ProSafe controllers score: the compact interfaces minimise cabling costs and offer significant benefits such as the regulated power supply with control relay. If required we supply the components with a coating according to corrosion class G3.

These benefits and more will enable you to establish the optimum connection between field elements and input/output cards from Yokogawa.



You are shaping the future of the process industry

Global competition and market dynamism are driving change in the process industry. New global strategies, mergers and takeovers, investments and spin-offs are all part of the change. Plant operators and manufacturers who ensure a higher standardisation of production processes are one step ahead of the market. The best conditions for efficient plant operation are secure connectivity and a cost- and space-saving connection when transmitting and converting signals.

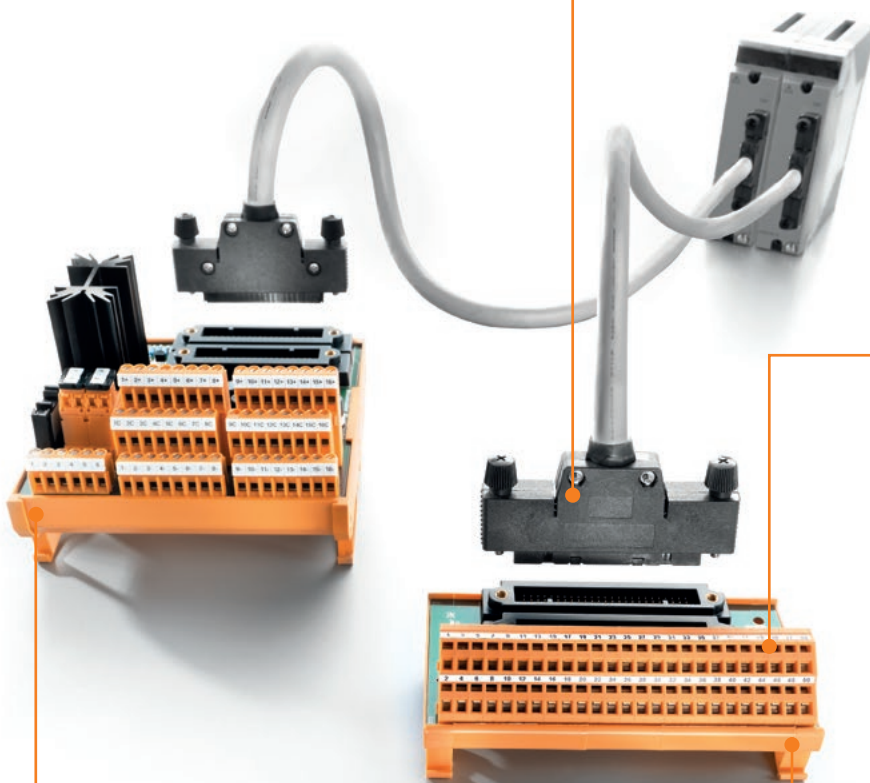
Reliable connection

The interface units are provided with a screw or tension clamp connection on the field side and with compatible connectors to KS or AKB cables on the control side.



TERMSERIES interface adapter

Our pre-assembled plug-and-play solution with TERMSERIES interface adapter enables and minimised wiring effort. See Chapter E



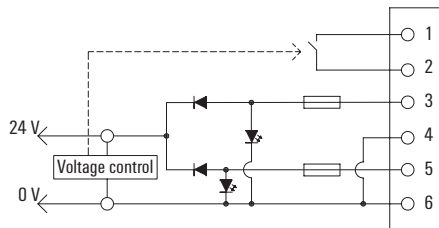
Numerous integral functions

Isolators, fuses with fault display, status LEDs: field sensors may be supplied with power within the individual modular terminal.



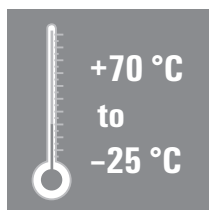
Redundancy supply control

Up to two power supplies can be connected to the interface units for Yokogawa systems. If one of the power supplies falls below approx. 12 V an alarm is activated and the power supply LED is extinguished.



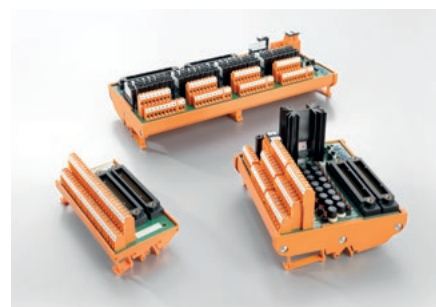
Wide temperature range

The interface can work in ambient temperatures ranging from -25 to +70 °C.



Wide range of interfaces

The range includes passive input/output interfaces for digital and analogue signals and isolated interfaces with relays incorporating a compact design.



The following selection guides enable you to quickly and easily choose the correct products according to your application needs:

STEP 1: Choose the Yokogawa Card to be used.

STEP 2: Choose the most suitable interface for the application.

Example: For AAB841 it's possible to select different options:

* In screw: 1371470000, 1371600000, 1371640000

* In tension clamp: 1371500000, 1371610000, 1371650000

This is small selection of the most frequently used termination boards. Other termination boards are also available. G3 termination boards can also be provided under demand.

Yokogawa CS3000 – Selection guide

| STEP 1 | | STEP 2 | | | | | | | | | | | |
|--|--|--|-------------------------|-------------------|--------------------------|----------------------|-------------|----------|-------|----------------------|-----------------|-------------------------|------|
| Yokogawa Card | | TBY (Weidmüller Interfaces for Yokogawa) | | | | | | | | | | | |
| Kind of Card | Card | Kind of connector | Redundancy Power supply | Fuses per channel | Disconnect + Test points | Forks for components | Led channel | Led fuse | Relay | Type | Order No. Screw | Order No. Tension clamp | Page |
| 8 analogue input/ 8 analogue output | AAB841 | KS | | | | | | | | TBY-C3-AIO-2KS | 1371470000 | 1371500000 | C.6 |
| | | KS | | | ↔ | | | | | TBY-C3-AIO+2KS | 1371600000 | 1371610000 | C.8 |
| | | KS | | | | Y | | | | TBY-C3-UNIV-SP-2KS | 1371640000 | 1371650000 | C.9 |
| 8 analogue inputs | AAI135 AAP135 | KS | | | | | | | | TBY-C3-AIO-2KS | 1371470000 | 1371500000 | C.6 |
| | | KS | | | ↔ | | | | | TBY-C3-AIO+2KS | 1371600000 | 1371610000 | C.8 |
| | | KS | | | | Y | | | | TBY-C3-UNIV-SP-2KS | 1371640000 | 1371650000 | C.9 |
| 16 analogue current input | AAI141 AAI143 | KS | | | | | | | | TBY-C3-AIO-2KS | 1371470000 | 1371500000 | C.6 |
| | | KS | | | | | | | | TBY-C3-16AI-2KS | 1371530000 | 1371550000 | C.6 |
| | | KS | | | ↔ | | | | | TBY-C3-AIO+2KS | 1371600000 | 1371610000 | C.8 |
| 4 analogue current input/ 4 analogue current output | AAI835 | KS | | | | | | | | TBY-C3-UNIV-SP-2KS | 1371640000 | 1371650000 | C.9 |
| | | KS | | | ↔ | | | | | TBY-C3-AIO-2KS | 1371470000 | 1371500000 | C.6 |
| | | KS | | | | | | | | TBY-C3-AIO+2KS | 1371600000 | 1371610000 | C.8 |
| 8 analogue input/ 8 analogue output | AAI841 | KS | | | | | | | | TBY-C3-AIO-2KS | 1371470000 | 1371500000 | C.6 |
| | | KS | | | ↔ | | | | | TBY-C3-AIO+2KS-Z | 1371600000 | 1371610000 | C.8 |
| | | KS | | | | Y | | | | TBY-C3-UNIV-SP-2KS | 1371640000 | 1371650000 | C.9 |
| 16 analogue voltage input | AAV141 AAV142 AAV144 | KS | | | | | | | | TBY-C3-AIO-2KS | 1371470000 | 1371500000 | C.6 |
| | | KS | | | | | | | | TBY-C3-16AIO-2KS | 1371580000 | 1371590000 | C.6 |
| | | KS | | | ↔ | | | | | TBY-C3-AIO+2KS-Z | 1371600000 | 1371610000 | C.8 |
| 16 analogue output | AAV542 AAV544 AAI543 | KS | | | | | | | | TBY-C3-UNIV-SP-2KS | 1371640000 | 1371650000 | C.9 |
| | | KS | | | | | | | | TBY-C3-AIO-2KS | 1371470000 | 1371500000 | C.6 |
| | | KS | | | ↔ | | | | | TBY-C3-16AIO-2KS | 1371580000 | 1371590000 | C.6 |
| 16 RTD analogue input 12 RTD input modules | AAR145 AAR181 | AKB | | | | | | | | TBY-C3-AIO+2KS | 1371600000 | 1371610000 | C.8 |
| | | KS | | | | | | | | TBY-C3-UNIV-SP-2KS | 1371640000 | 1371650000 | C.9 |
| | | AKB | | | | | | | | TBY-C3-UNIV-2KB | 1384090000 | 1384080000 | C.10 |
| 32 digital input | ADV151 ADV161 (Use 2 TBY per card) | AKB | 2 A | | | | | | | TBY-C3-UNIV-2KB | 1384090000 | 1384080000 | C.10 |
| | | AKB | 2 A | 100 mA | | | | | ▶ | TBY-ADV151-PS-L-2KB | 1384350000 | 1384340000 | C.11 |
| | | AKB | 2 A | 100 mA | | | | | ▶ | TBY-ADV151-24-PS-2KB | 1397820000 | 1397830000 | C.12 |
| | | AKB | 2 A | 100 mA | | | | | ▶ | TBY-ADV151-24-PS-2KB | 1384330000 | 1384320000 | C.13 |
| 32 digital output | ADV551 ADV561 (Use 2 TBY per card) | AKB | | | | | | | | TBY-ADV151-48-PS-2KB | 1384280000 | 1384250000 | C.14 |
| | | AKB | 1 A | | | | | | | TBY-C3-UNIV-2KB | 1384090000 | 1384080000 | C.10 |
| | | AKB | | | | | | | ▶ | TBY-ADV551-CF-PS-2KB | 1379500000 | 1379510000 | C.15 |

Note:

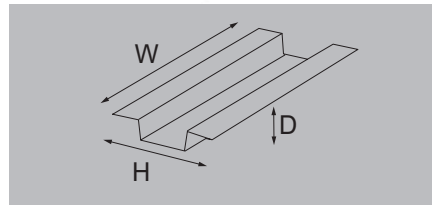
Yokogawa CS3000 – TBY Input/Output interfaces for CS3000

TBY-CS3000 Input/Output interfaces for CS3000 analogue cards

Interface for 8 or 16 analogue signals (depend on marking)

- 2 KS connectors (40 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- Basic module also without marking available and markers as accessory for customer flexibility
- Complete modules with marking available
- Screw and tension clamp connection

TBY-C3-



Technical data

| | |
|---------------------|------------------------|
| Connected to | Connection to the card |
|---------------------|------------------------|

| | |
|--|--|
| Connection data and functionality | |
| Connection on control side | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Fuse per channel | |
| Power supply fuse | |
| Disconnection per channel | |
| Type of test point | |

| | |
|----------------------------|-------------------|
| Rated data | |
| Operating voltage | 50 V AC / 70 V DC |
| Max. current per channel | 1 A |
| Operating voltage (supply) | 50 V AC / 70 V DC |
| Operating current (supply) | 1 A |

| | |
|-----------------------------------|-------------|
| General data | |
| Ambient temperature (operational) | -25...70 °C |
| Storage temperature | -40...85 °C |

| | |
|--|-----------|
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 50 V AC |
| Surge voltage category | III |
| Pollution severity level | 2 |
| Insulation test voltage | 0.35 kVAC |
| Pulse voltage test (1,2/50µs) | 0.8 kV |

| | |
|---------------------------|--|
| Dimensions | |
| Clamping range, min./max. | 0.13 mm ² / 6 mm ² |
| Clamping range, min./max. | 0.13 mm ² / 6 mm ² |
| Rail | TS 35, TS 32 |
| Width / Height | 90 mm / 70 mm |

| | |
|-------------|--|
| Note | |
|-------------|--|

Ordering data

| | |
|--|--|
| Terminal block for: | |
| Analogue signals without marking (S) | |
| Analogue signals without marking (Z) | |
| AAI141, AAI143 (S) | |
| AAI141, AAI143 (Z) | |
| AAI543, AAV141, AAV142, AAV144, AAV542, AAV544 (S) | |
| AAI543, AAV141, AAV142, AAV144, AAV542, AAV544 (Z) | |
| Note | |

| | |
|--|--|
| | AAB841, AAI135, AAI141, AAI143, AAI543, AAI841, AAI835, AAP135, AAV141, AAV142, AAV144, AAV542, AAV544 |
|--|--|

| | |
|--|--------------|
| | 2 x KS (40P) |
| | No |
| | No |
| | No |
| | No |
| | No |
| | No |

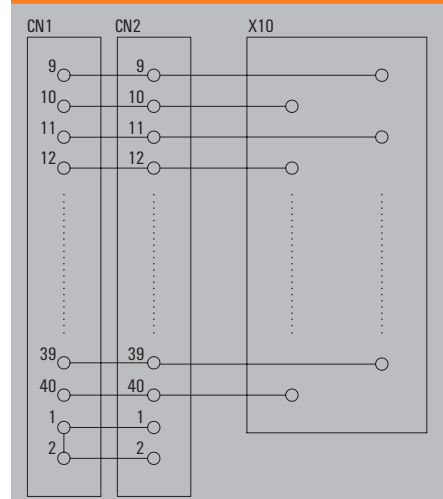
| | |
|--|-------------------|
| | 50 V AC / 70 V DC |
| | 1 A |
| | 50 V AC / 70 V DC |
| | 1 A |

| | |
|--|-------------|
| | -25...70 °C |
| | -40...85 °C |

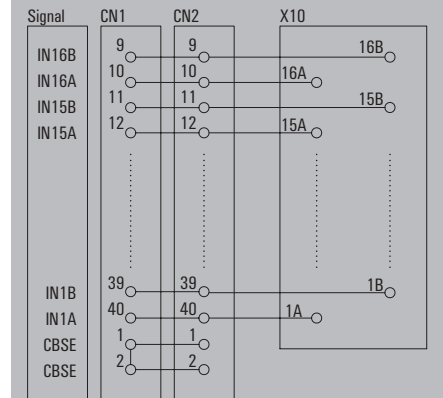
| | |
|--|-----------|
| | < 50 V AC |
| | III |
| | 2 |
| | 0.35 kVAC |
| | 0.8 kV |

| | |
|--|--|
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 90 mm / 70 mm | 90 mm / 70 mm |

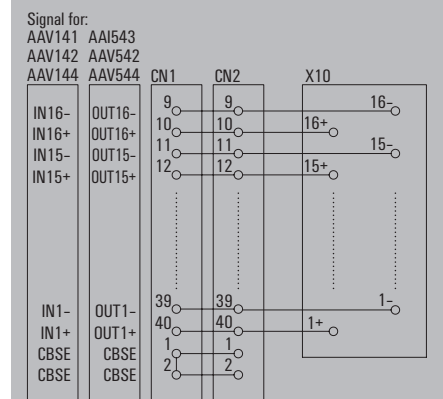
| | | |
|---|--------------|------------------|
| Type | Depth | Order No. |
| TBY-C3-AIQ-2KS-S | 56 mm | 1371470000 |
| TBY-C3-AIQ-2KS-Z | 52 mm | 1371500000 |
| TBY-C3-16AI-2KS-S | 56 mm | 1371530000 |
| TBY-C3-16AI-2KS-Z | 52 mm | 1371550000 |
| TBY-C3-16AIQ-2KS-S | 56 mm | 1371580000 |
| TBY-C3-16AIQ-2KS-Z | 52 mm | 1371590000 |
| Picture shows article number 1371530000 S (screw connection), Z (tension-clamp connection) | | |



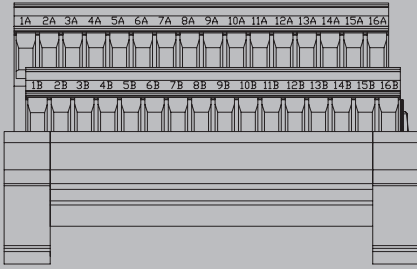
Schematic for 1371470000/1371500000



Schematic for 1371530000/1371550000 (AAI141, AAI143)

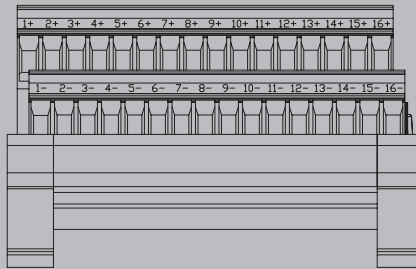


Schematic for 1371580000/1371590000 (AAV141, AAV142, AAV144, AAI543, AAV542, AAV544)

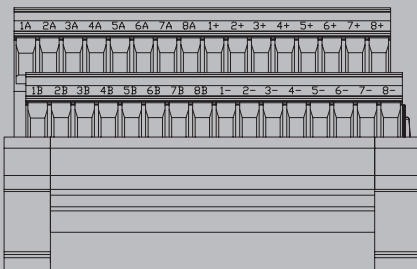


Field terminals view 1371530000 / 1371550000
(AAI141, AAI143)

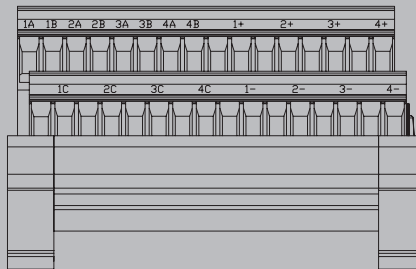
Application note: With the markers showed as accessories, is possible to configurate the TBY for other cards



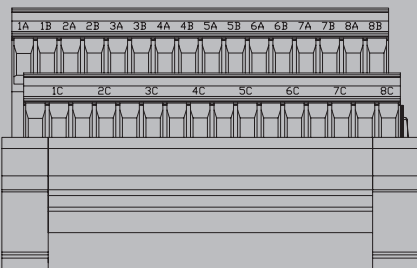
Field terminals view 1371580000 / 1371590000
(AAV141, AAV142, AAV144, AAI543, AAV542, AAV544)



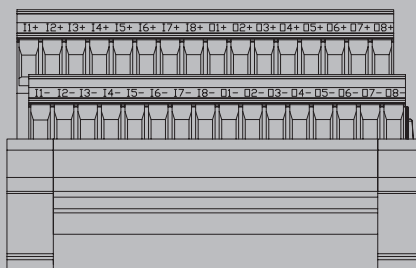
Connection for AAI841



Connection for AAI835



Connection for AAI135, AAP135



Connection for AAB841

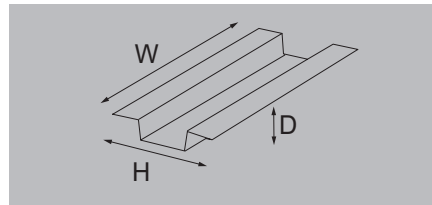
Yokogawa CS3000 – TBY Input/Output interfaces for CS3000

TBY-CS3000 Input/Output interfaces for CS3000 analogue cards

Interface for 8 or 16 analogue signals

- 2 KS connectors (40 poles) for redundancy
- Disconnecting plugs and test points (2 mm diameter) for voltage or current measurement.
- The TBY is delivered with the marking for AAI141, AAI143 and it's compatible with other analogue cards.
- Marker available as accessory.
- Screw and tension clamp connection

TBY-C3-AIO-I-2KS



Technical data

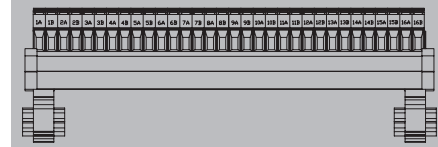
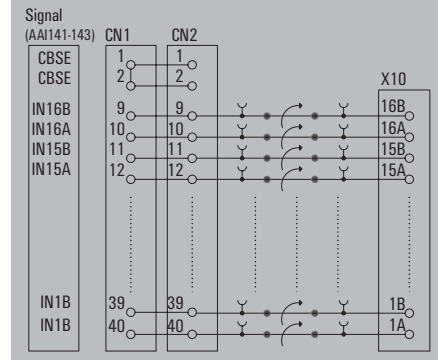
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

| | |
|--|--|
| AAB841, AAI135, AAI141, AAI143, AAI841, AAI543, AAI835, AAP135, AAV141, AAV142, AAV144, AAV542, AAV544 | |
| 2 x KS (40P) | |
| No | |
| No | |
| No | |
| No | |
| Yes | |
| Diameter: 2 mm | |
| 50 V AC / 70 V DC | |
| 1 A | |
| 50 V AC / 70 V DC | |
| 1 A | |
| -25...70 °C | |
| -40...85 °C | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 170 mm / 87 mm | 170 mm / 87 mm |

Ordering data

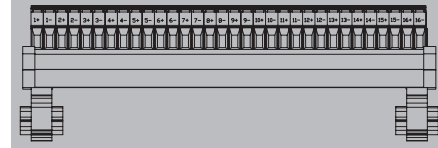
| | |
|-------------|--------------------------|
| | Screw connection |
| | Tension clamp connection |
| Note | |

| Type | Depth | Order No. |
|------------------|-------|------------|
| TBY-C3-AIO+2KS-S | 56 mm | 1371600000 |
| TBY-C3-AIO+2KS-Z | 59 mm | 1371610000 |

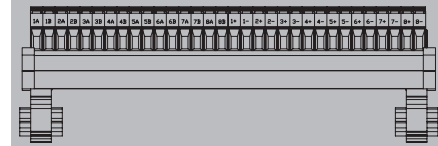


Connection for AAI141, AAI143

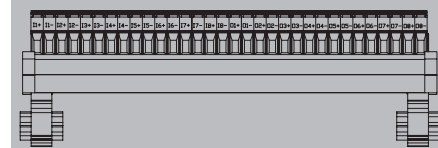
Application note: With the markers showed as accessories, is possible to configure the TBY for other cards



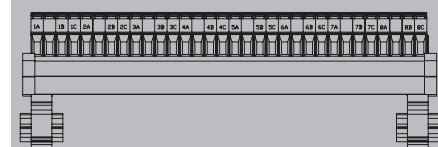
Connection for AAV141, AAV142, AAV144, AAI543, AAV542, AAV544)



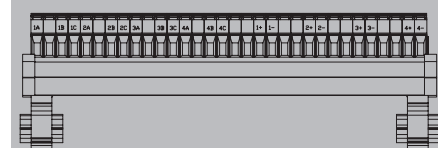
Connection for AAI841



Connection for AAB841



Connection for AAI135, AAP135



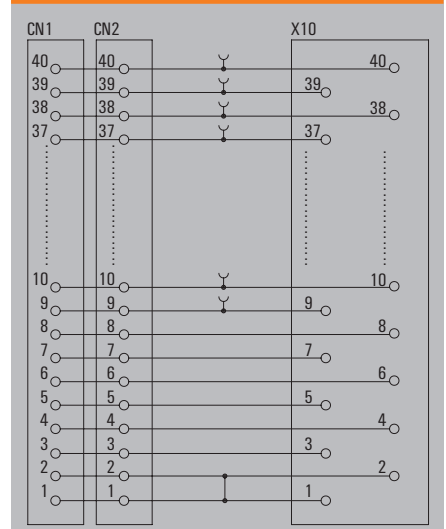
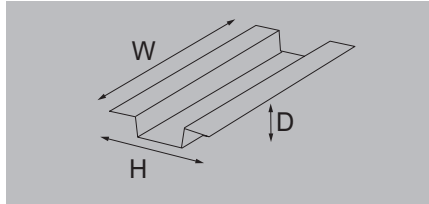
Connection for AAI835

TBY-CS3000 Input/Output interfaces for CS3000 analogue cards

Interface for analogue signals

- 2 KS connectors (40 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- The soldering tags allows the mounting of external components: voltage conversion or monitorization of the current loop.
- Screw and tension clamp connection

TBY-C3-UNIV-SP-2KS



Technical data

Connected to
Connection to the card

Connection data and functionality
Connection on control side
LED status display per channel
LED status of the supply voltage
Fuse per channel
Power supply fuse
Disconnection per channel
Type of test point

Rated data
Operating voltage
Max. current per channel
Operating voltage (supply)
Operating current (supply)

General data
Ambient temperature (operational)
Storage temperature

Insulation coordination (EN50178)
Rated insulation voltage
Surge voltage category
Pollution severity level
Insulation test voltage
Pulse voltage test (1,2/50µs)

Dimensions
Clamping range, min./max.
Clamping range, min./max.
Rail
Width / Height

Note

AAI141, AAI143, AAV141, AAV142, AAV144, AAI841, AAB841, AAV542, AAI543, AAV544, AAR181, AAI135, AAP135, AAI835

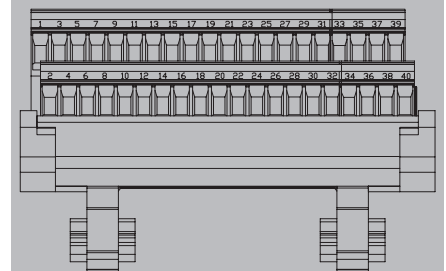
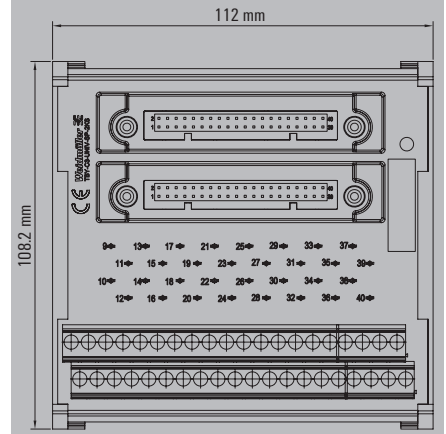
2 x KS (40P)
No
No
No
No
No
Soldering tags

50 V AC / 70 V DC
1 A
50 V AC / 70 V DC
1 A

-25...70 °C
-40...85 °C

< 50 V AC
III
2
0.35 kVAC
0.8 kV

| Screw connection | Tension-clamp connection |
|--|--|
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 112 mm / 109 mm | 112 mm / 109 mm |



Ordering data

Screw connection
Tension clamp connection

Note

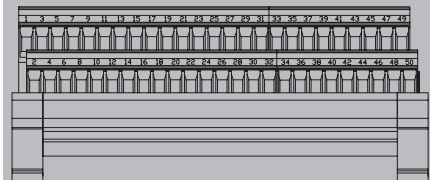
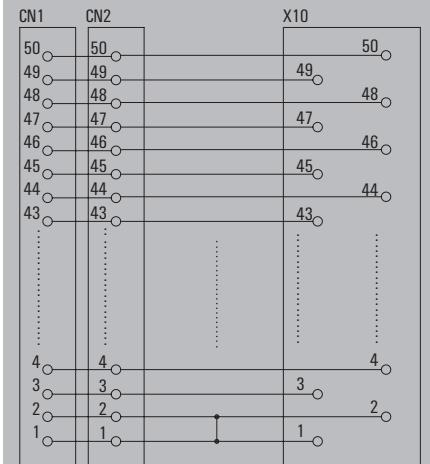
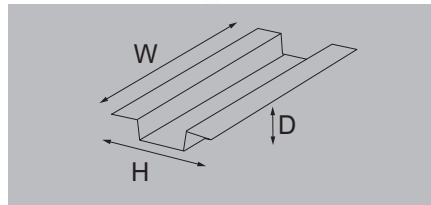
| Type | Depth | Order No. |
|----------------------|-------|------------|
| TBY-C3-UNIV-SP-2KS-S | 70 mm | 1371640000 |
| TBY-C3-UNIV-SP-2KS-Z | 65 mm | 1371650000 |

TBY-CS3000 Input/Output interfaces for CS3000 digital cards

Interface for Centum CS3000 digital Cards

- AKB connectors (50 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- Screw and tension clamp connection

TBY-C3-UNIV-2KB



Technical data

| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

| | |
|--|--|
| ADV151, ADV161, ADV551, ADV561, AAR145 | |
| 2 x AKB (50P) | |
| No | |
| No | |
| No | |
| No | |
| No | |
| No | |
| 50 V AC / 70 V DC | |
| 1 A | |
| 50 V AC / 70 V DC | |
| 1 A | |
| -25...70 °C | |
| -40...85 °C | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 135 mm / 70 mm | 135 mm / 70 mm |

Ordering data

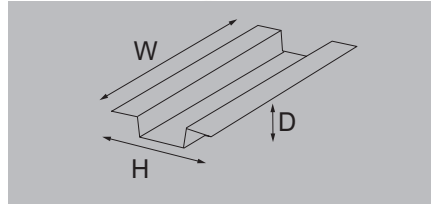
| |
|--------------------------|
| Screw connection |
| Tension clamp connection |
| Note |

| Type | Depth | Order No. |
|-------------------|-------|------------|
| TBY-C3-UNIV-2KB-S | 56 mm | 1384090000 |
| TBY-C3-UNIV-2KB-Z | 52 mm | 1384080000 |

TBY-CS3000 Input/Output interfaces for CS3000 digital cards

- Interface for Centum ADV151 32 digital input card
- 2 AKB connectors (50 poles) for redundancy
- Green LED shows channel Status
- The Card can be configured with positive or negative common (see schematic)
- Monotorization of the Power supply status with green LED and alarm contact (24 V DC / 2...100 mA): close contact and led shinning means no supply fault.
- Screw and tension clamp connection

TBY-ADV151-PS-L-2KB



Technical data

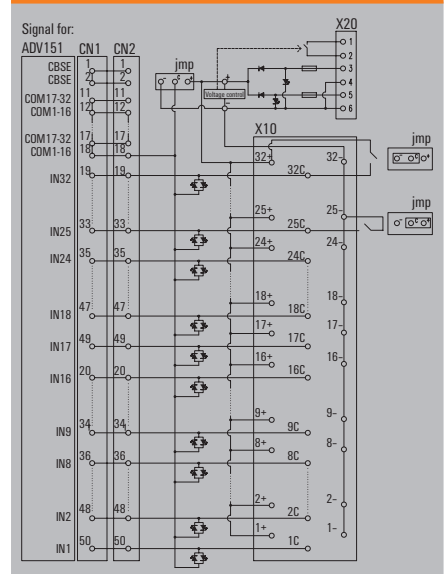
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

| | |
|--|--|
| ADV151, ADV161 (2 TBY by Card) | |
| 2 x AKB (50P) | |
| green | |
| green | |
| No | |
| 2 A | |
| No | |
| No | |
| 24 V DC | |
| 1 A | |
| 24 V DC | |
| 2 A | |
| -25...70 °C | |
| -40...85 °C | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 190 mm / 109 mm | 190 mm / 109 mm |

Ordering data

| | |
|-------------|--------------------------|
| | Screw connection |
| | Tension clamp connection |
| Note | |

| Type | Depth | Order No. |
|-----------------------|-------|------------|
| TBY-ADV151-PS-L-2KB-S | 85 mm | 1384350000 |
| TBY-ADV151-PS-L-2KB-Z | 85 mm | 1384340000 |



Field terminals view for 1384350000 (ADV151)



Field terminals view for ADV161 (Channels 33 to 64)

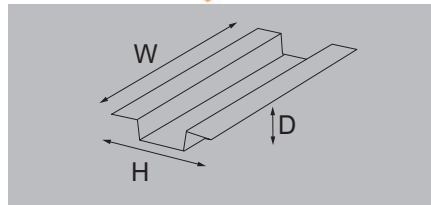
Yokogawa CS3000 – TBY Input/Output interfaces for CS3000

TBY-CS3000 Input/Output interfaces for CS3000 digital cards

Interface for Centum ADV151 32 digital input card

- 2 AKB connectors (50 poles) for redundancy
- The input sensors are connected to the card with fuses.
- Green LED shows channel status
- The Card can be configured with positive or negative common (see schematic)
- Motorization of the Power supply status with green LED and alarm contact (24 V DC / 2...100 mA); close contact and led shinning means no supply fault.
- Screw and tension clamp connection

TBY-ADV151-PS-F-L-2KB



Technical data

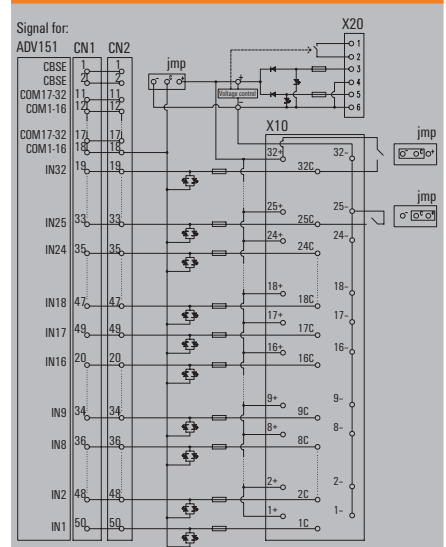
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

| | |
|--|--|
| ADV551, ADV561 (2 TBY by Card) | |
| 2 x AKB (50P) | |
| green | |
| green | |
| 100 mA | |
| 2 A | |
| No | |
| No | |
| 24 V DC | |
| 1 A | |
| 24 V DC | |
| 2 A | |
| -25...70 °C | |
| -40...85 °C | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 190 mm / 131 mm | 190 mm / 131 mm |

Ordering data

| | |
|-------------|--------------------------|
| | Screw connection |
| | Tension clamp connection |
| Note | |

| Type | Depth | Order No. |
|-------------------------|-------|------------|
| TBY-ADV151-PS-F-L-2KB-S | 95 mm | 1397820000 |
| TBY-ADV151-PS-F-L-2KB-Z | 95 mm | 1397830000 |



Field terminals view for 1397820000 (ADV151)

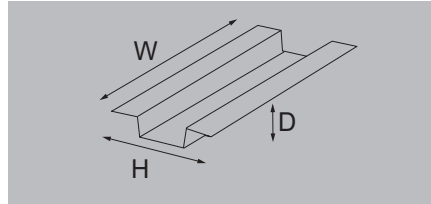


Field terminals view for ADV161 (Channels 33 to 64)

TBY-CS3000 Input/Output interfaces for CS3000 digital cards

- Interface for Centum ADV151 32 digital input card
- 2 AKB connectors (50 poles) for redundancy
- 100 mA fuse per channel
- Green LED shows relays switching status (control side).
- Red LED shows fuse blow
- The input sensors can be connected in 2 ways:
 - Powered by field terminals
 - Powered by the TBY with auxiliary voltage
- Monotization of the Power supply status with green LED and alarm contact (24 V DC / 2...100 mA): close contact and led shining means no supply fault.
- Screw and tension clamp connection

TBY-ADV151-24-PS-2KB



Technical data

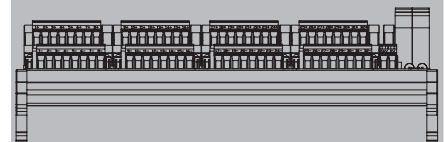
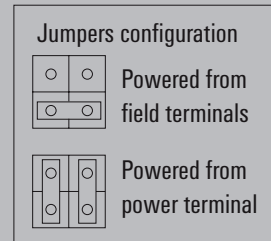
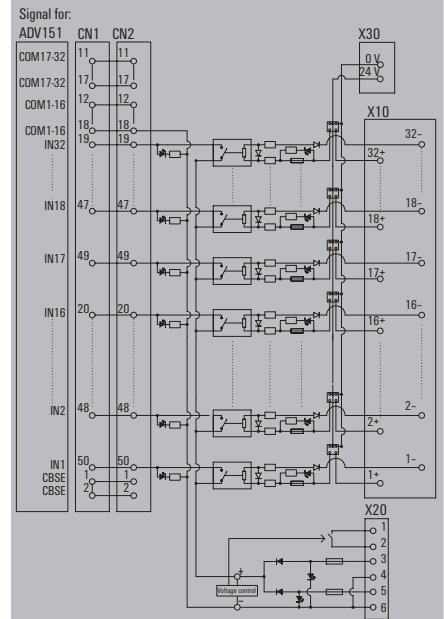
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side |
| | Relay type |
| | Power supply fuse |
| Nominal input data | Input voltage |
| | Input current |
| | Operating voltage (supply) |
| | Operating current (supply) |
| Nominal output data | Contact material |
| | Operating voltage |
| | Max. DC continuous current of the I/O card |
| | Minimum contact current |
| | Minimum contact voltage |
| | Mechanical service life |
| General data | Ambient temperature (operational) |
| | Storage temperature |
| Insulation coordination (EN50178) | Rated input insulation voltage |
| | Rated output insulation voltage |
| | Overvoltage category input/output |
| | Overvoltage category input/input |
| | Overvoltage category output/output |
| | Pollution severity level |
| | Pulse voltage test (1,2/50µs) |
| | Insulation test voltage |
| | Clearance input/output |
| Dimensions | Clamping range, min./max. |
| | Clamping range, min./max. |
| | Rail |
| | Width / Height |
| Note | |

| | |
|--|--|
| ADV151, ADV161 (2 TBY by Card) | |
| 2 x AKB (50P) | |
| RSS | |
| 1 A | |
| 24 V DC ± 10% | |
| 7 mA (fuse on) / 0.5 mA (fuse off) | |
| 24 V DC | |
| 1 A | |
| AgNi gold-plated | |
| 18 ... 26,4 V DC | |
| 10 mA | |
| 1 mA | |
| 1 V | |
| 5 x 10 ⁶ switching cycles | |
| -25...70 °C | |
| -40...85 °C | |
| ≤ 50 V DC | |
| ≤ 50 V DC | |
| III | |
| III | |
| III | |
| 2 | |
| 1.5 kV | |
| 0.35 kVAC | |
| ≥ 5.5 mm | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 317 mm / 131 mm | 317 mm / 131 mm |

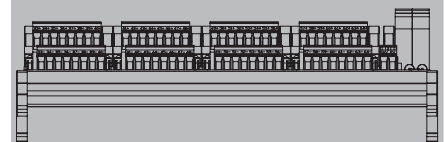
Ordering data

| | |
|-------------|--------------------------|
| | Screw connection |
| | Tension clamp connection |
| Note | |

| | | |
|------------------------|--------------|------------------|
| Type | Depth | Order No. |
| TBY-ADV151-24-PS-2KB-S | 95 mm | 1384330000 |
| TBY-ADV151-24-PS-2KB-Z | 95 mm | 1384320000 |



Field terminals view 1384330000 (ADV 151)



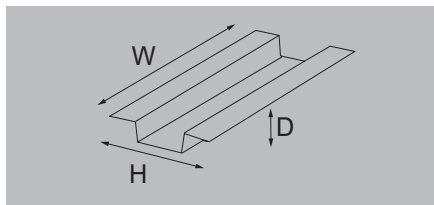
Field terminals view for ADV161 (Channels 33 to 64)

Yokogawa CS3000 – TBY Input/Output interfaces for CS3000

TBY-CS3000 Input/Output interfaces for CS3000 digital cards

- Interface for Centum ADV151 32 digital input card
- 2 AKB connectors (50 poles) for redundancy
 - 100 mA fuse per channel
 - Green LED shows relays switching status (control side).
 - Red LED shows fuse blow
 - The input sensors can be connected in 2 ways:
 - Powered by field terminals
 - Powered by the TBY with auxiliary voltage
 - Dual power supply can be connected to the TBY to supply sensors and Yokogawa Card.
 - Monotorization of the Power supply status with green LED and alarm contact (24 V DC / 2...100 mA): close contact and led shinning means no supply fault.
 - Screw and tension clamp connection

TBY-ADV151-48-PS-2KB



Technical data

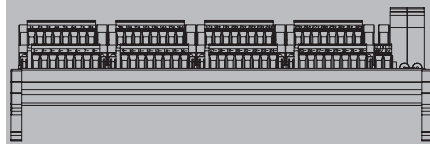
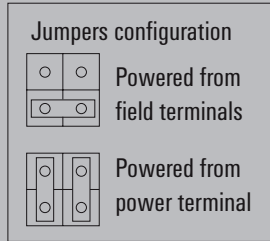
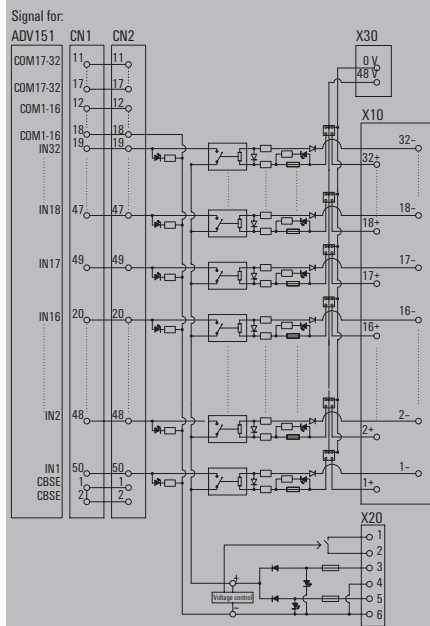
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side Relay type Power supply fuse |
| Nominal input data | Input voltage Input current Operating voltage (supply) Operating current (supply) |
| Nominal output data | Contact material Operating voltage Max. DC continuous current of the I/O card Minimum contact current Minimum contact voltage Mechanical service life |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated input insulation voltage Rated output insulation voltage Overvoltage category input/output Overvoltage category input/input Overvoltage category output/output Pollution severity level Pulse voltage test (1,2/50µs) Insulation test voltage Clearance input/output |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

| | |
|--|--|
| ADV151, ADV161 (2 TBY by Card) | |
| 2 x AKB (50P) | |
| RSS | |
| 1 A | |
| 48 V DC ± 10% | |
| 7 mA (fuse on) / 0.5 mA (fuse off) | |
| 24 V DC | |
| 1 A | |
| AgNi gold-plated | |
| 18 ... 26,4 V DC | |
| 10 mA | |
| 1 mA | |
| 1 V | |
| 5 x 10 ⁶ switching cycles | |
| -25...70 °C | |
| -40...85 °C | |
| ≤ 50 V DC | |
| ≤ 50 V DC | |
| III | |
| III | |
| III | |
| 2 | |
| 1.5 kV | |
| 0.35 kVAC | |
| ≥ 5.5 mm | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 317 mm / 131 mm | 317 mm / 131 mm |

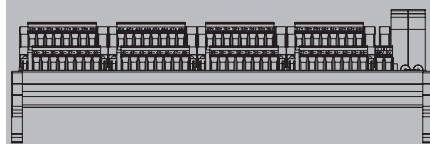
Ordering data

| | |
|-------------|--------------------------|
| | Screw connection |
| | Tension clamp connection |
| Note | |

| Type | Depth | Order No. |
|------------------------|-------|------------|
| TBY-ADV151-48-PS-2KB-S | 95 mm | 1384280000 |
| TBY-ADV151-48-PS-2KB-Z | 95 mm | 1384250000 |



Field terminals view 1324280000 (ADV 151)



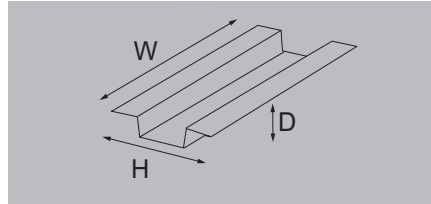
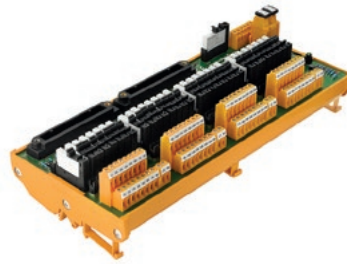
Field terminals view for ADV161 (Channels 33 to 64)

TBY-CS3000 Input/Output interfaces for CS3000 digital cards

Interface for Centum ADV551 32 digital output Card

- 2 AKB connectors (50 poles) for redundancy
- Green LED shows relays switching status (control side).
- The output sensors can be connected in 2 ways:
 - Powered by field terminals
 - Powered by the TBY with auxiliary voltage (groups of 8 channels)
- Monitorization of the Power supply status with green LED and alarm contact (24 V DC / 2...100 mA): close contact and led shining means no supply fault.
- Screw and tension clamp connection

TBY-ADV551-CF-PS-2KB



Technical data

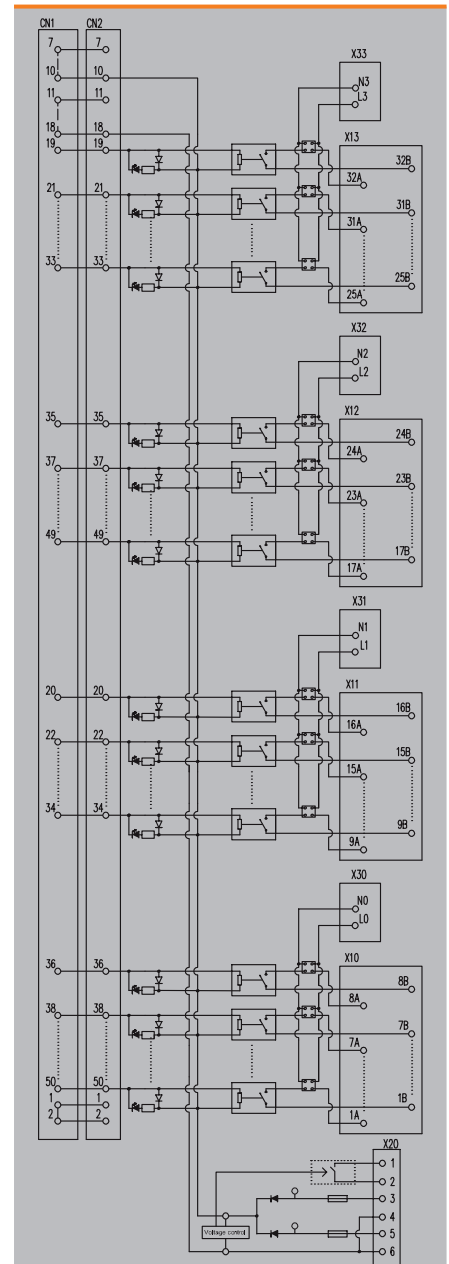
| | |
|--|------------------------------------|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side |
| | Relay type |
| | Fuse per channel |
| | Power supply fuse |
| Nominal input data | |
| | Input voltage |
| | Input current |
| | Operating voltage (supply) |
| | Operating current (supply) |
| Nominal output data | |
| | Contact material |
| | Operating voltage |
| | Max. AC continuous current |
| | Minimum contact current |
| | Minimum contact voltage |
| | Mechanical service life |
| General data | |
| | Ambient temperature (operational) |
| | Storage temperature |
| Insulation coordination (EN50178) | |
| | Rated input insulation voltage |
| | Rated output insulation voltage |
| | Overvoltage category input/output |
| | Overvoltage category input/input |
| | Overvoltage category output/output |
| | Pollution severity level |
| | Pulse voltage test (1,2/50µs) |
| | Insulation test voltage |
| | Clearance input/output |
| Dimensions | |
| | Clamping range, min./max. |
| | Clamping range, min./max. |
| | Rail |
| | Width / Height |
| Note | |

| | |
|--|--|
| ADV551, ADV561 (2 TBY by Card) | |
| 2 x AKB (50P) | |
| RSS | |
| No | |
| 1 A | |
| 24 V DC ± 10% | |
| 13 mA | |
| 24 V DC | |
| 1 A | |
| AgNi 90/10 | |
| 250 V AC | |
| 2.5 A | |
| 0.1 A | |
| 5 V | |
| 5 x 10 ⁶ switching cycles | |
| -25...70 °C | |
| -40...85 °C | |
| ≤ 50 V DC | |
| 250 V AC | |
| III | |
| II | |
| II | |
| 2 | |
| 6 kV | |
| 1.2 kVAC | |
| ≥ 5.5 mm | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 303 mm / 131 mm | 303 mm / 131 mm |

Ordering data

| | |
|-------------|--------------------------|
| | Screw connection |
| | Tension clamp connection |
| Note | |

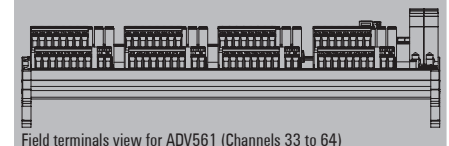
| | | |
|------------------------|--------------|------------------|
| Type | Depth | Order No. |
| TBY-ADV551-CF-PS-2KB-S | 80 mm | 1379500000 |
| TBY-ADV551-CF-PS-2KB-Z | 80 mm | 1379510000 |



Jumpers configuration

Powered from field terminals

Powered from power terminal



The following selection guides enable you to quickly and easily choose the correct products according to your application needs:

STEP 1: Choose the Yokogawa Card to be used.

STEP 2: Choose the most suitable interface for the application.

Example: For SAI143 it's possible to select different options:

* In screw: 1371130000,1371150000,1371220000,1371340000,1371240000

* In tension clamp: 1371140000,1371170000,1371230000,1371250000

This is small selection of the most frequently used termination boards. Other termination boards are also available. G3 termination boards can also be provided under demand.

Yokogawa Pro Safe – Selection guide

| STEP 1 | | STEP 2 | | | | | | | | | | | |
|---------------------------|--------|--|-------------------------|-------------------|--------------------------|----------------------|-------------|----------|----------------|----------------------|-----------------|-------------------------|------|
| Yokogawa Card | | TBY (Weidmüller Interfaces for Yokogawa) | | | | | | | | | | | |
| Kind of Card | Card | Kind of connector | Redundancy Power supply | Fuses per channel | Disconnect + Test points | Forks for components | Led channel | Led fuse | Relay | Type | Order No. Screw | Order No. Tension clamp | Page |
| 16 analogue current input | SAI143 | KS | | | | | | | | TBY-RS-AIO-2KS | 1371130000 | 1371140000 | C.18 |
| | | KS | | | | | | | | TBY-SAI143-2KS | 1371150000 | 1371170000 | C.18 |
| | | KS | | | ↔ | | | | | TBY-RS-AIO4-2KS | 1371220000 | 1371230000 | C.20 |
| | | KS | | | | Y | | | | TBY-RS-UNIV-SP-2KS | 1371340000 | 1371370000 | C.21 |
| | | KS | 6,3 A | 1 A | | | | Yes | | TBY-SAI143-FL-PS-2KS | 1371240000 | 1371250000 | C.22 |
| 8 analogue current output | SAI533 | KS | | | | | | | | TBY-RS-AIO-2KS | 1371130000 | 1371140000 | C.18 |
| | | KS | | | | | | | | TBY-SAI533-2KS | 1371200000 | 1371210000 | C.18 |
| | | KS | | | ↔ | | | | | TBY-RS-AIO4-2KS | 1371220000 | 1371230000 | C.20 |
| | | KS | | | | Y | | | | TBY-RS-UNIV-SP-2KS | 1371340000 | 1371370000 | C.21 |
| 16 analogue voltage input | SAV144 | KS | | | | | | | | TBY-RS-AIO-2KS | 1371130000 | 1371140000 | C.18 |
| | | KS | | | | | | | | TBY-SAV144-2KS | 1371180000 | 1371190000 | C.18 |
| | | KS | | | ↔ | | | | | TBY-RS-AIO4-2KS | 1371220000 | 1371230000 | C.20 |
| | | KS | | | | Y | | | | TBY-RS-UNIV-SP-2KS | 1371340000 | 1371370000 | C.21 |
| 16 digital input | SDV144 | AKB | 2 A | | | | | | | TBY-SDV144-PS-2KB | 1371390000 | 1371410000 | C.24 |
| | | AKB | 2 A | 100 mA | | | | | | TBY-SDV144-FPS-2KB | 1395370000 | 1395380000 | C.25 |
| | | AKB | | | | | | | | TBY-RS-DIO-2KB | 1371540000 | 1371570000 | C.23 |
| 4 digital output | SDV521 | AKB | | | | | | | TBY-RS-DIO-2KB | 1371540000 | 1371570000 | C.23 | |
| 8 digital output | SDV531 | AKB | | | | | | | TBY-RS-DIO-2KB | 1371540000 | 1371570000 | C.23 | |
| 16 digital output | SDV541 | AKB | | | | | | | TBY-RS-DIO-2KB | 1371540000 | 1371570000 | C.23 | |

Note:

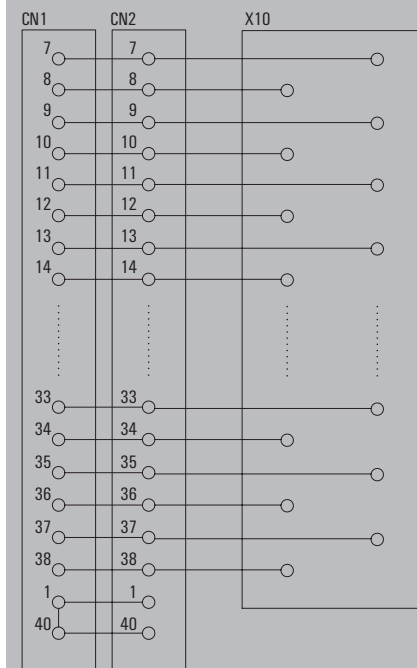
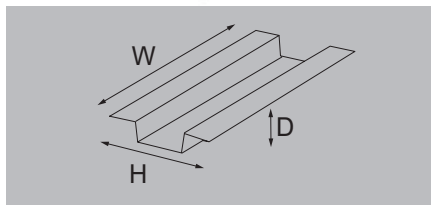
C

TBY-RS Input/Output interfaces for ProSafe analogue cards

Interface for 8 or 16 analogue signals (depend on marking)

- 2 KS connectors (40 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- Basic module also without marking available and markers as accessory for customer flexibility
- Complete modules with marking available
- Screw and tension clamp connection

TBY-



Schematic 1371130000/1371140000

Technical data

| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

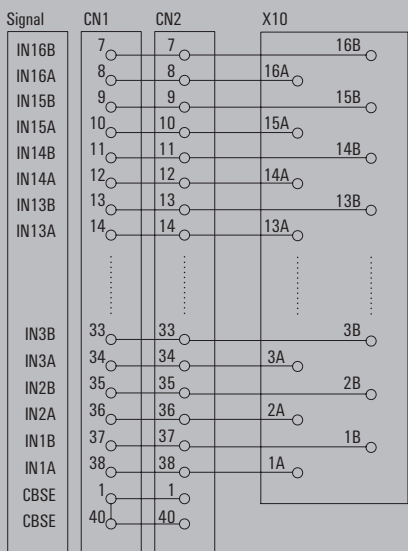
| | |
|--|--|
| SAI143, SAV144, SAI553 | |
| 2 x KS (40P) | |
| No | |
| No | |
| No | |
| No | |
| No | |
| No | |
| 50 V AC / 70 V DC | |
| 1 A | |
| 50 V AC / 70 V DC | |
| 1 A | |
| -25...70 °C | |
| -40...85 °C | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 90 mm / 70 mm | 90 mm / 70 mm |

Ordering data

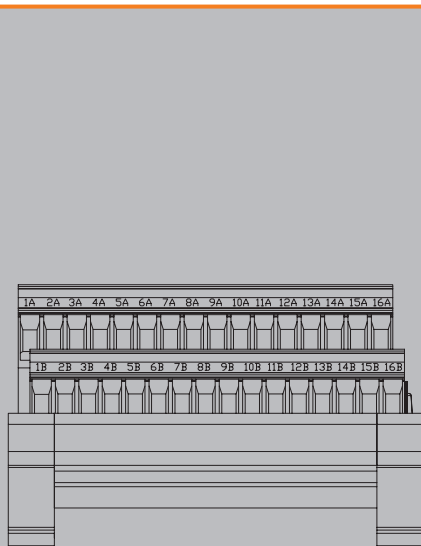
| | |
|----------------------------|--|
| Terminal block for: | SAI143, SAV144, SAI533 without marking (S) |
| | SAI143, SAV144, SAI533 without marking (Z) |
| | SAI143 (S) |
| | SAI143 (Z) |
| | SAV144 (S) |
| | SAV144 (Z) |
| | SAI553 (S) |
| | SAI553 (Z) |
| Note | |

| Type | Depth | Order No. |
|------------------|-------|------------|
| TBY-RS-AIO-2KS-S | 56 mm | 1371130000 |
| TBY-RS-AIO-2KS-Z | 52 mm | 1371140000 |
| TBY-SAI143-2KS-S | 56 mm | 1371150000 |
| TBY-SAI143-2KS-Z | 52 mm | 1371170000 |
| TBY-SAV144-2KS-S | 56 mm | 1371180000 |
| TBY-SAV144-2KS-Z | 52 mm | 1371190000 |
| TBY-SAI533-2KS-S | 56 mm | 1371200000 |
| TBY-SAI533-2KS-Z | 52 mm | 1371210000 |

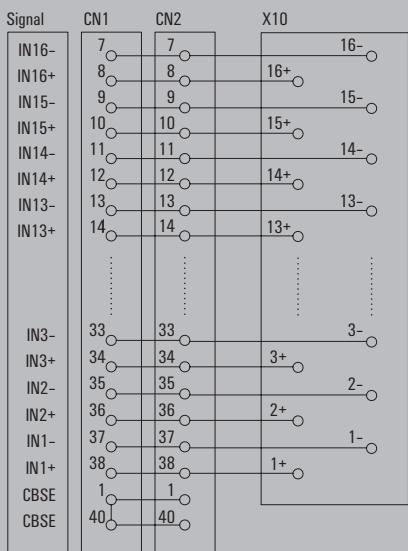
S (screw connection), Z (tension-clamp connection)



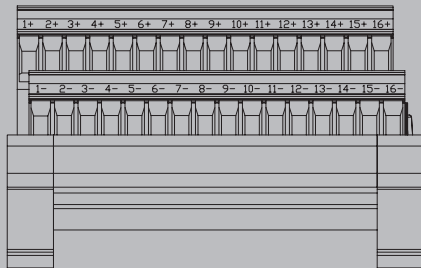
Schematic 1371150000/1371170000 (SAI143)



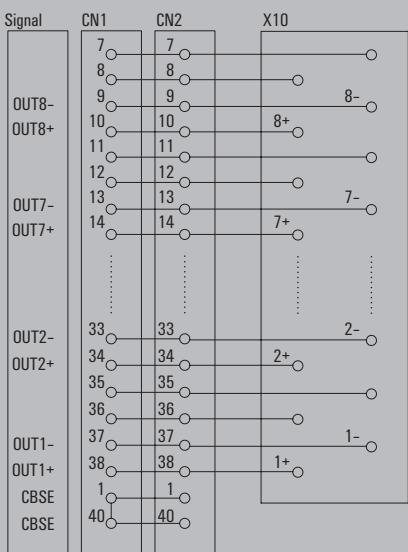
Field terminal view 1371150000



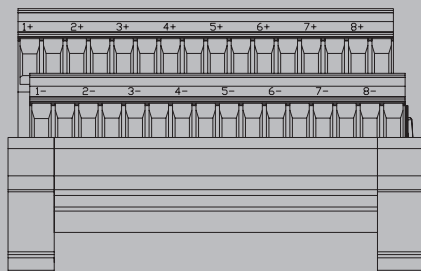
Schematic 1371180000/1371190000 (SAV144)



Field terminal view 1371180000



Schematic 1371200000/1371210000 (SAI533)



Field terminal view 1371200000

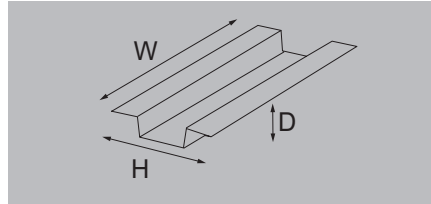
Yokogawa ProSafe - TBY Input/Output interfaces for ProSafe

TBY-RS Input/Output interfaces for ProSafe analogue cards

Interface for 8 or 16 analogue signals

- 2 KS connectors (40 poles) for redundancy
- Disconnecting plugs and test points (2 mm diameter) for voltage or current measurement.
- The TBY is delivered with the marking for SAI143 and it's compatible with cards SAV144 and SAI533. Marker available as accessory.
- Screw and tension clamp connection

TBY-RS-AIO-I-2KS



Technical data

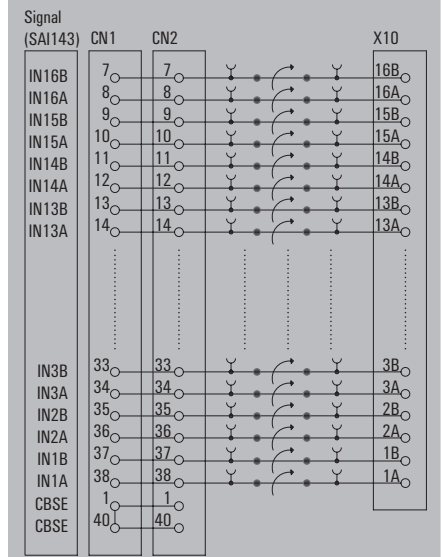
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

Ordering data

| | |
|-------------|--------------------------|
| | Screw connection |
| | Tension clamp connection |
| Note | |

| | |
|--|--|
| SAI143, SAV144, SAI533 | |
| 2 x KS (40P) | |
| No | |
| No | |
| No | |
| No | |
| Yes | |
| Diameter: 2 mm | |
| 50 V AC / 70 V DC | |
| 1 A | |
| 50 V AC / 70 V DC | |
| 1 A | |
| -25...70 °C | |
| -40...85 °C | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 170 mm / 87 mm | 170 mm / 87 mm |

| | | |
|--------------------|--------------|------------------|
| Type | Depth | Order No. |
| TBY-RS-AIO-I-2KS-S | 56 mm | 1371220000 |
| TBY-RS-AIO-I-2KS-Z | 59 mm | 1371230000 |

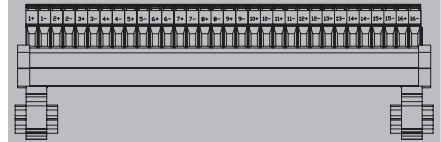


Connection for SAI143

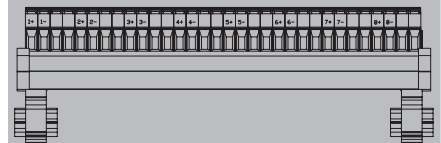


Field terminals view 1371220000

Application note: With the markers showed as accessories, is possible to configure the TBY for other cards



Field terminals view for SAV144



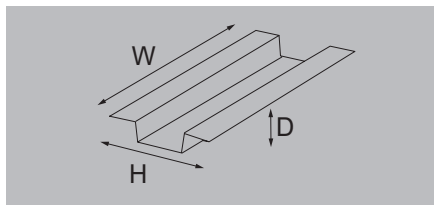
Field terminals view for SAI533

TBY-RS Input/Output interfaces for ProSafe analogue cards

Interface for analogue signals

- 2 KS connectors (40 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- The soldering tags allows the mounting of external components: voltage conversion or monitorization of the current loop.
- Screw and tension clamp connection

TBY-RS-UNIV-SP-2KS



Technical data

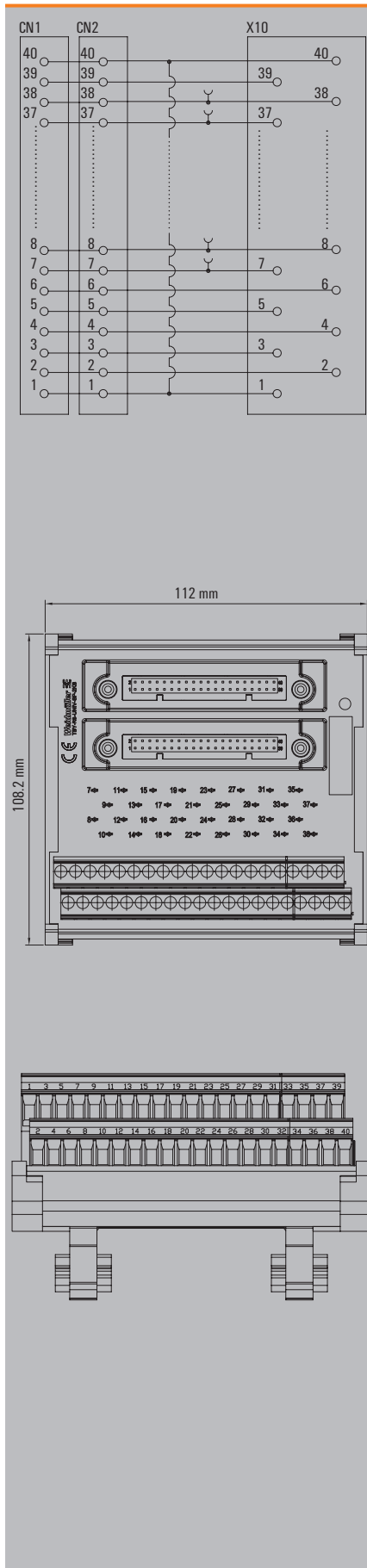
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

| | |
|--|--|
| SAI143, SAV144, SAI553 | |
| 2 x KS (40P) | |
| No | |
| No | |
| No | |
| No | |
| No | |
| Soldering tags | |
| 50 V AC / 70 V DC | |
| 1 A | |
| 50 V AC / 70 V DC | |
| 1 A | |
| -25...70 °C | |
| -40...85 °C | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 112 mm / 109 mm | 112 mm / 109 mm |

Ordering data

| | |
|-------------|--------------------------|
| | Screw connection |
| | Tension clamp connection |
| Note | |

| Type | Depth | Order No. |
|----------------------|-------|------------|
| TBY-RS-UNIV-SP-2KS-S | 70 mm | 1371340000 |
| TBY-RS-UNIV-SP-2KS-Z | 65 mm | 1371370000 |

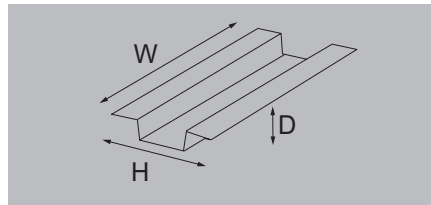


Yokogawa ProSafe - TBY Input/Output interfaces for ProSafe

TBY-RS Input/Output interfaces for ProSafe analogue cards

- Interface for Pro-safe SA143 analogue input Card
- 2 KS connectors (40 poles) for redundancy
 - The input sensors are connected to the card with fuses.
 - Red LED show fuses status
 - Dual power supply can be connected to the TBY to supply sensors and Yokogawa Card.
 - Monotorization of the Power supply status with green LED and alarm contact (24 V DC / 2...100 mA); close contact and led shinning means no supply fault.
 - Screw and tension clamp connection

TBY-SAI143-F-L-PS-2KS



Technical data

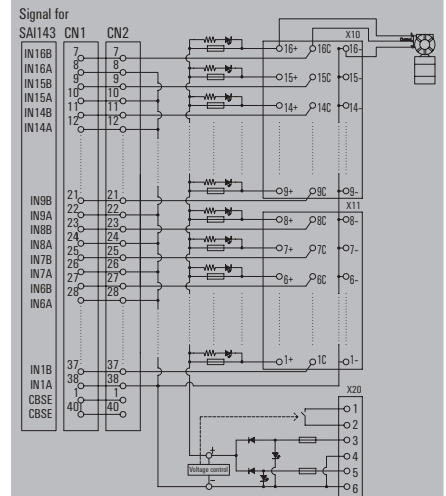
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

| | |
|--|--|
| SAI143 | |
| 2 x KS (40P) | |
| red | |
| green | |
| 1 A | |
| 6.3 A | |
| No | |
| No | |
| 24 V DC | |
| 1 A | |
| 24 V DC | |
| 6.3 A | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 131 mm / 107 mm | 133 mm / 131 mm |

Ordering data

| | |
|-------------|--------------------------|
| | Screw connection |
| | Tension clamp connection |
| Note | |

| Type | Depth | Order No. |
|-------------------------|--------|------------|
| TBY-SAI143-F-L-PS-2KS-S | | 1371240000 |
| TBY-SAI143-F-L-PS-2KS-Z | 107 mm | 1371250000 |

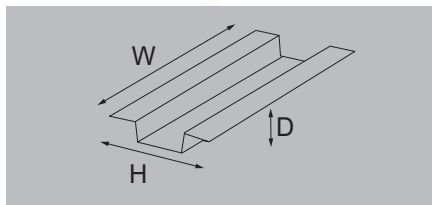


TBY-RS Input/Output interfaces for ProSafe digital cards

Interface for Pro-safe digital Cards

- AKB connectors (50 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- Screw and tension clamp connection

TBY-RS-DIO-2KB



Technical data

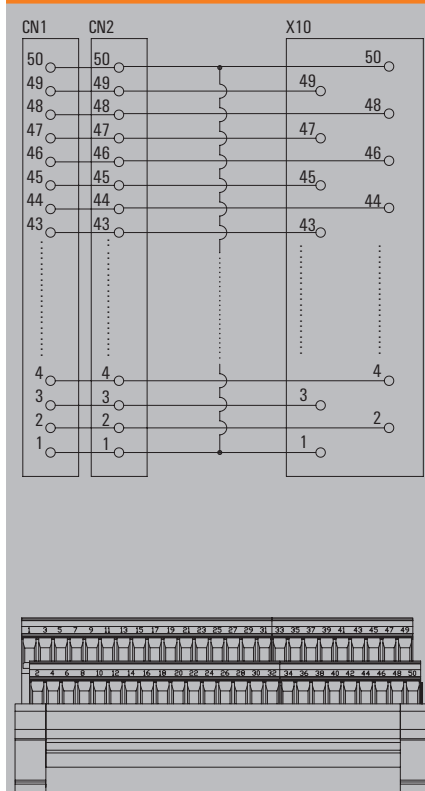
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

| | |
|--|--|
| SDV144, SDV521, SDV531, SDV541 | |
| 2 x AKB (50P) | |
| No | |
| No | |
| No | |
| No | |
| No | |
| No | |
| 50 V AC / 70 V DC | |
| 1 A | |
| 50 V AC / 70 V DC | |
| 1 A | |
| -25...70 °C | |
| -40...85 °C | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 135 mm / 70 mm | 135 mm / 70 mm |

Ordering data

| |
|--------------------------|
| Screw connection |
| Tension clamp connection |
| Note |

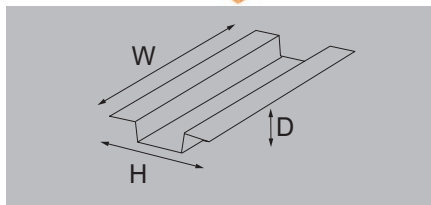
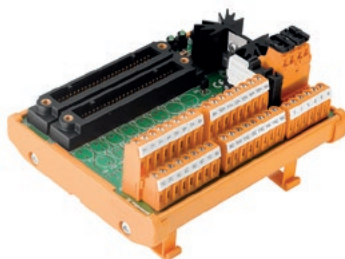
| Type | Depth | Order No. |
|------------------|-------|------------|
| TBY-RS-DIO-2KB-S | 56 mm | 1371540000 |
| TBY-RS-DIO-2KB-Z | 52 mm | 1371570000 |



TBY-RS Input/Output interfaces for ProSafe digital cards

- Interface for Pro-safe SDV144 digital input Card
- 2 AKB connectors (50 poles) for redundancy
 - Dual power supply can be connected to the TBY to supply sensors and Yokogawa Card.
 - Monotorization of the Power supply status with green LED and alarm contact (24 V DC / 2...100 mA); close contact and led shining means no supply fault.
 - Screw and tension clamp connection

TBY-SDV144-PS-2KB



Technical data

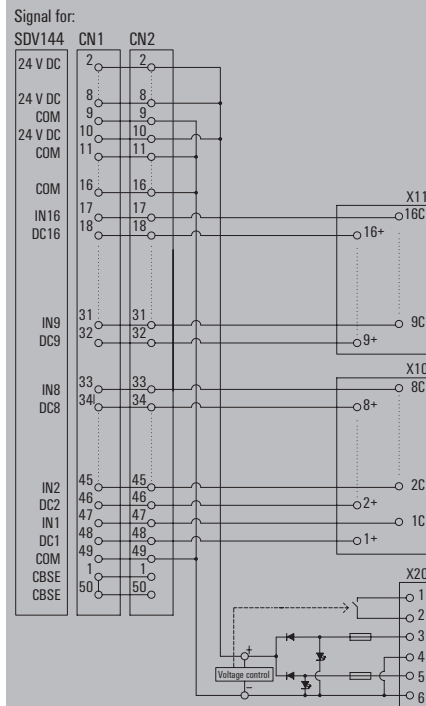
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

| | |
|--|--|
| SDV144 | |
| 2 x AKB (50P) | |
| No | |
| green | |
| No | |
| 2 A | |
| No | |
| No | |
| 24 V DC | |
| 1 A | |
| 24 V DC | |
| 2 A | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 134 mm / 109 mm | 134 mm / 109 mm |

Ordering data

| | |
|-------------|--------------------------|
| | Screw connection |
| | Tension clamp connection |
| Note | |

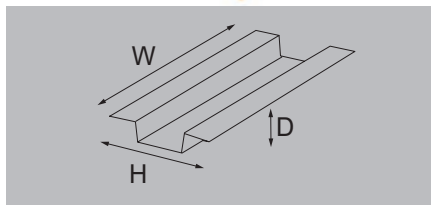
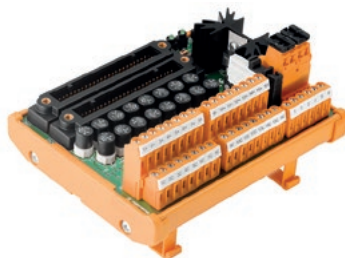
| Type | Depth | Order No. |
|---------------------|-------|------------|
| TBY-SDV144-PS-2KB-S | 80 mm | 1371390000 |
| TBY-SDV144-PS-2KB-Z | 80 mm | 1371410000 |



TBY-RS Input/Output interfaces for ProSafe digital cards

- Interface for Pro-safe SDV144 digital input Card
- 2 AKB connectors (50 poles) for redundancy
- The input sensors are connected to the card with fuses.
- Dual power supply can be connected to the TBY to supply sensors and Yokogawa Card.
- Monotorization of the Power supply status with green LED and alarm contact (24 V DC / 2...100 mA).

TBY-SDV144-F-PS-2KB



Technical data

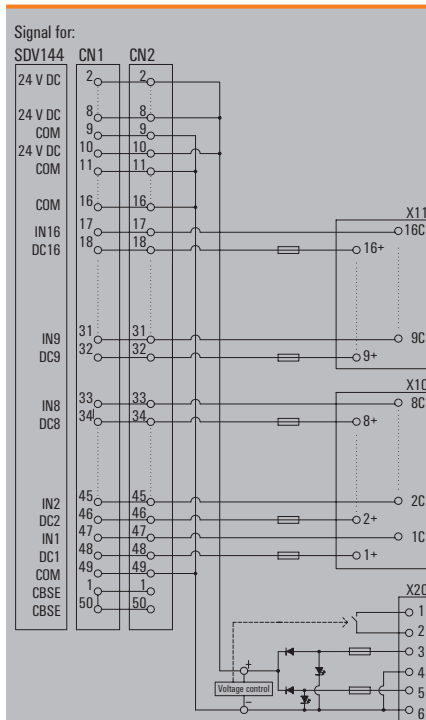
| | |
|--|--|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side LED status display per channel LED status of the supply voltage Fuse per channel Power supply fuse Disconnection per channel Type of test point |
| Rated data | Operating voltage Max. current per channel Operating voltage (supply) Operating current (supply) |
| General data | Ambient temperature (operational) Storage temperature |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage Pulse voltage test (1,2/50µs) |
| Dimensions | Clamping range, min./max. Clamping range, min./max. Rail Width / Height |
| Note | |

| | |
|--|--|
| SDV144, SDV521, SDV531, SDV541 | |
| 2 x AKB (50P) | |
| No | |
| green | |
| 100 mA | |
| 2 A | |
| No | |
| No | |
| 24 V DC | |
| 1 A | |
| 24 V DC | |
| 1 A | |
| -25...70 °C | |
| -40...85 °C | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |
| 0.8 kV | |
| Screw connection | Tension-clamp connection |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 35, TS 32 | TS 35, TS 32 |
| 134 mm / 109 mm | 134 mm / 109 mm |

Ordering data

| |
|--------------------------|
| Screw connection |
| Tension clamp connection |
| Note |

| Type | Depth | Order No. |
|-----------------------|-------|------------|
| TBY-SDV144-F-PS-2KB-S | 80 mm | 1395370000 |
| TBY-SDV144-F-PS-2KB-Z | 80 mm | 1395380000 |



MIL cables

PAC-YOK - MIL Pre-made cables

Pre-built cable according:

- MIL connector - MIL connector
- MIL connector - ferrules
- Colour code according DIN47100

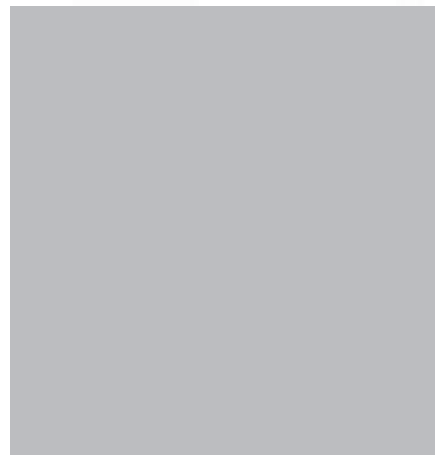
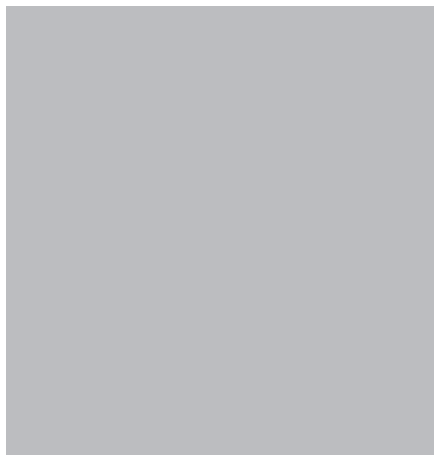
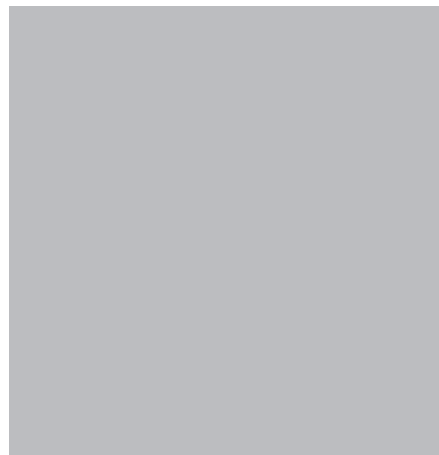
PAC-YOK-MIL-F

MIL connector to ferrules



PAC-YOK-MIL-V0

MIL connector to MIL connector



Technical data

| | |
|---|----------------------|
| Rated data | |
| Rated voltage | ≤ 60 Vdc ≤ 25 Vac |
| Permissible current strength per path, max. | 1 A |
| Total current, max. | 3 A |
| Resistance | ≤ 150 mΩ/m |
| Capacity wire / wires | 300 pF/m |
| Capacity wire / shield | 300 pF/m |
| Nominal rating, control cable | |
| Cable | Cable LiYY |
| Material | PVC |
| Wire cross-section | 0.14 mm ² |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| | |
|---|----------------------|
| Rated data | |
| Rated voltage | ≤ 60 Vdc ≤ 25 Vac |
| Permissible current strength per path, max. | 1 A |
| Total current, max. | 3 A |
| Resistance | ≤ 150 mΩ/m |
| Capacity wire / wires | 300 pF/m |
| Capacity wire / shield | 300 pF/m |
| Nominal rating, control cable | |
| Cable | Cable LiYY |
| Material | PVC |
| Wire cross-section | 0.14 mm ² |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| | |
|---|----------------------|
| Rated data | |
| Rated voltage | ≤ 60 Vdc ≤ 25 Vac |
| Permissible current strength per path, max. | 1 A |
| Total current, max. | 3 A |
| Resistance | ≤ 150 mΩ/m |
| Capacity wire / wires | 300 pF/m |
| Capacity wire / shield | 300 pF/m |
| Nominal rating, control cable | |
| Cable | Cable LiYCY |
| Material | PVC |
| Wire cross-section | 0.14 mm ² |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

Ordering data

| | |
|--|-------------------|
| | 40-pole connector |
| | 50-pole connector |

| Type | Qty. | Order No. |
|--------------------|------|------------|
| PAC-YOK-MIL40-F-1M | 1 | 2420520010 |
| PAC-YOK-MIL50-F-1M | 1 | 2420530010 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| PAC-YOK-MIL40-V0-1M | 1 | 1536840010 |
| PAC-YOK-MIL50-V0-1M | 1 | 1536820010 |

| |
|-------------|
| Note |
|-------------|

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long.

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long.

Accessories

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

Connect DCS and PLS systems quickly and reliably

Backplane systems for integrating electronic components

C

The highly complex connections between DCS, PLC and other electrical components need to be wired as efficiently as possible. In some cases, additional functions also need to be integrated without taking up more space.

Backplane systems allow various electrical components, such as SIL relays or analogue converters, to be connected quickly and conveniently. This speeds up the installation and vastly simplifies the connection to the PLC or DCS.

The reinforced circuit board of our backplane allows various electrical components to be accommodated and makes it easier to add individual extra functions in a confined space. Certified pre-mounted cables simplify the connection to the DCS system and improve efficiency.



Backplane systems can help facilitate installation and wiring in the process industry - particularly when a large number of components need to be connected.

Your special advantages:

Simple integration of electrical equipment and components

Save time and costs: backplane systems simplify the installation and wiring of complex circuits and process systems. Using pre-mounted cables during installation can also effectively minimise incorrect wiring.

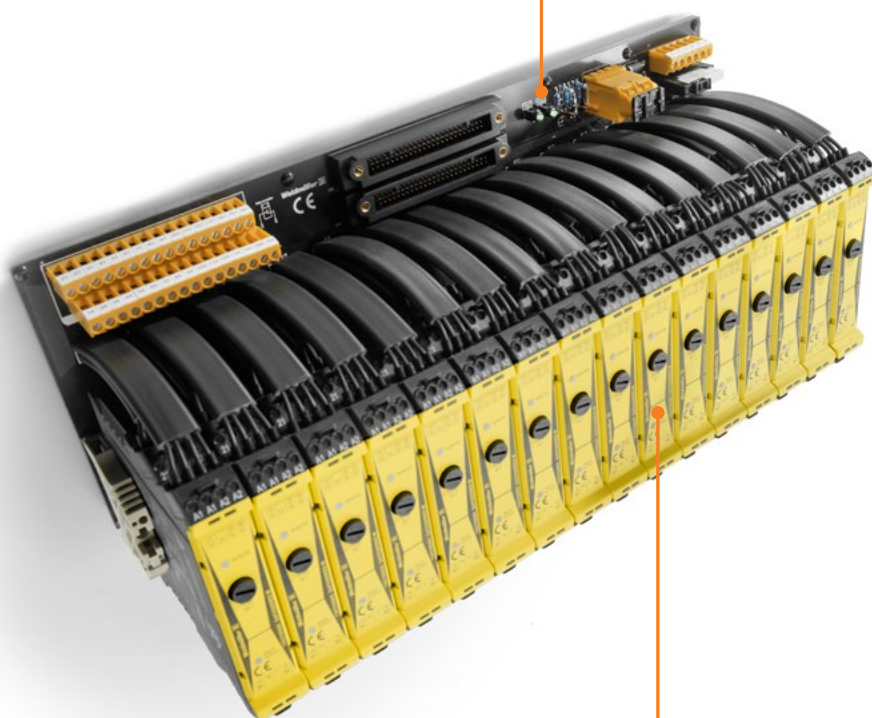
Integration of additional functions

If required, functions such as power supply alarms, diagnostic functions or HART connectivity can be integrated in the backplane without taking up extra space.



Fast and simple installation

Rigid printed circuit boards in combination with MTA mounting adapters for DIN rails ensure a robust system in the control cabinet.



Universally usable system

The system can be combined with all major commercial PLC models according to customer requirements, including Yokogawa, Honeywell, Invensys, Emerson and Siemens.



Pre-mounted cables

Pre-mounted cables ensure error-free connections between the backplane and PLC/DCS system, and are available in a variety of lengths.



High compatibility

Thanks to clip-fit fixing to the DIN rail, modules and components can be installed, replaced and customised quickly and easily.



Yokogawa backplane – SIL Backplane for digital outputs

Backplane with SIL 3 relays for Yokogawa

Prosafe SDV541

- 2 AKB connectors (50 poles) for redundancy
- Green LED indicator for relay switching status
- Monitoring the power supply status with green LED and alarm contact (24 V DC / 2 - 100 mA): close contact and LED lit means no supply fault
- 2 versions: de-energised to safe SIL relays with and without monitor
- Screw connection

BKP-16DO-SDV541



Technical data

| | |
|--|---|
| Connected to | Connection to the card |
| Connection data and functionality | Connection on control side |
| | Relay type |
| | Power supply fuse |
| Input (safety circuit) | |
| | Rated control voltage |
| | Power consumption |
| | Guaranteed current consumption of 24 VDC -10% |
| | Status indicator |
| Output (safety circuit) | |
| | Base material of the contact / Contact design |
| | max. permitted switching voltage |
| | max. permitted switching current |
| | max. switching current, internal fuse |
| | max. switching current, external fuse |
| | Switching capacity, min./max. |
| | Internal fuse |
| | Short-circuit-proof |
| | Switch-on time / Switch-off time |
| General data | |
| | Ambient temperature (operational) |
| | Storage temperature |
| Insulation coordination | |
| | Rated input insulation voltage |
| | Rated output insulation voltage |
| | Overtoltage category input/output |
| | Overtoltage category input/input |
| | Overtoltage category output/output |
| | Pollution severity level |
| | Pulse voltage test (1,2/50µs) |
| | Insulation test voltage |
| | Clearance input/output |
| Dimensions | |
| | Clamping range, min./max. |
| | Clamping range, min./max. |
| | Rail |
| | Width / Height |
| Note | |

| |
|---|
| SDV541 |
| 2 x AKB (50P) |
| SIL3 |
| 2 A |
| 24 V DC ± 20% |
| 42 mA |
| 35 mA |
| LED yellow |
| AgNi 0.15 gold flashed / NO contact |
| 250 V AC / 30 V DC |
| 8 A |
| 5 A (refer to derating curve) |
| 5 A (refer to derating curve) |
| 12 V / 10 mA / 2000 VA |
| 5 A time-lag |
| No |
| typ. 7 ms / typ. 14 ms |
| -25...50 °C |
| -40...85 °C |
| 50 V AC / 70 V DC |
| < 300 V AC |
| III |
| III |
| III |
| 2 |
| 6 kV |
| 1.2 kVAC |
| ≥ 5.5 mm |
| Screw connection |
| 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² |
| TS 35 |
| 376 mm / 168 mm |
| For more technical data about SIL relays 1303890000 and 1303760000 check catalog.weidmuller.com |

Ordering data

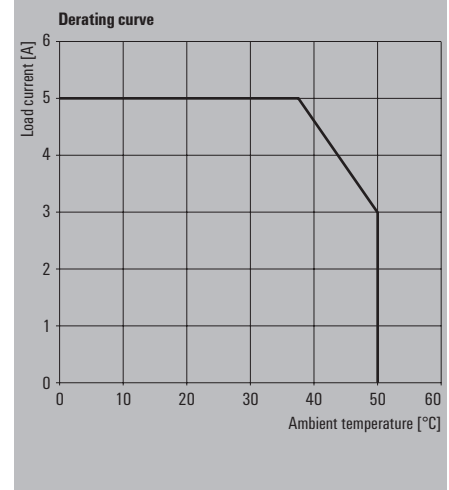
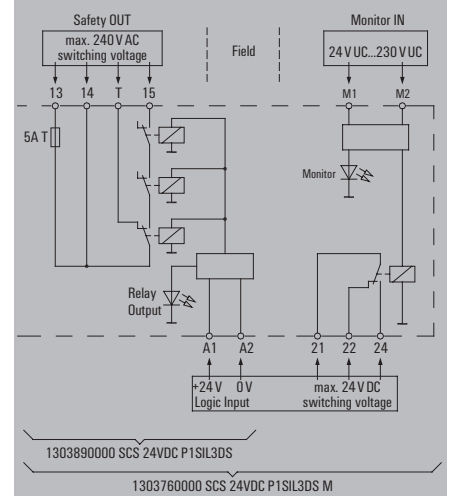
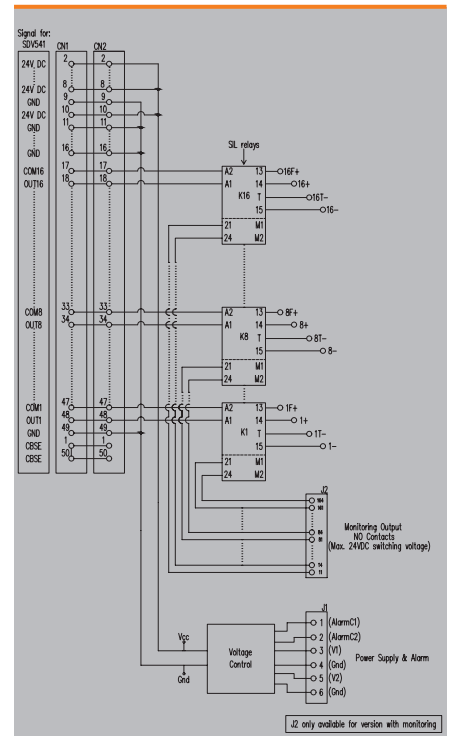
| |
|--|
| Potential-free for SIL3 relay without monitoring |
| Potential-free for SIL3 relay with monitoring |
| Note |

Accessories

| | |
|--|-------------|
| G-fuse cartridge, 5 x 20 mm (IEC 60127-2) | 2#00 A fast |
| SIL relay without monitoring | |
| SIL relay with monitoring | |
| Relay (for alarm) | |
| Note | |

| Type | Depth | Order No. |
|----------------------|--------|------------|
| BKP-16DO-SDV541-V0-S | 125 mm | 2461730000 |
| BKP-16DO-SDV541-V1-S | 125 mm | 2436230000 |

| Type | Qty. | Order No. |
|----------------------|------|------------|
| G 20/2.00A/F | 10 | 0430900000 |
| SCS 24VDC P1SIL3DS | 1 | 1303890000 |
| SCS 24VDC P1SIL3DS M | 1 | 1303760000 |
| RSS112024 | 20 | 4061590000 |



Passive interfaces for general applications

| | | |
|--|--|------|
| Passive interfaces for general applications | Introduction | D.2 |
| | RS F - Interface for flat cable in accordance with IEC 60603-13 / DIN 41651 | D.6 |
| | RS SD - Interface for SUB-D connector in accordance with IEC 60807-2 / DIN 41652 | D.8 |
| | RS SD HD - Interface for connector SUB-D high density | D.10 |
| | RS RJ45 - Interfaces with RJ45 connector | D.11 |
| | RS ELCO - Interface with ELCO plug-in connectors | D.12 |
| | RSX - Interface for soldering of components | D.17 |
| | RS VERT - Supply voltage distributor modules | D.18 |
| | RSD - Interfaces with diodes | D.21 |

Passive interfaces for general applications

Due to the need for cost reductions in the construction of electric cabinets, our interfaces for general applications offer an alternative to end-to-end wiring concepts. Their main function is as an adapter to enable a functional and safe operation between standard plug-in connectors connected to any controller or PLC, and printed circuit terminals connected to application sensors/activators.

Weidmüller's universal interfaces for applications have the following individual features:

- Extruded profile for inserting the PCB
- End plates for fitting on the mounting rail
- Clip-on feet for locking on standardised mounting rails TS 32 and TS 35
- Printed circuit board where the following elements can be identified:
 - Plug-in connectors
 - Weidmüller terminals for screw or tension clamp connection
 - Markings

The plug-in connectors used for interconnection can be divided into the following groups:

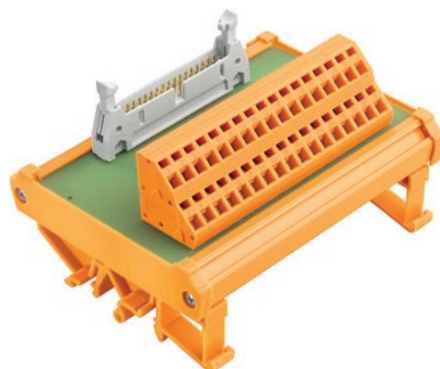
- Ribbon cable connector in accordance with IEC 60603-13/DIN 41651 (RSF)
- Miniature SUB-D plug-in connectors acc. to IEC 60807-2/DIN 41652
- RJ45 connectors for data lines
- Plug-in ELCO connectors for applications in high-demand industrial areas.

Pre-assembled cables with the corresponding plug-in connector systems are used in the connection between the controller and the interface. These pre-assembled cables allow maximum savings for the user, as they achieve a cost reduction in the materials, due to fewer individual cables, conductors and cable ducting.

Advantages of the interface units:

- Space savings thanks to the 2 and 3 floor interface terminals.
- Conventional end-to-end wiring is only needed on one side, therefore assembly and start-up times are reduced.
- Greater safety, preventing wiring errors
- Simplified setup and documentation

RS F – Interface for ribbon cable in accordance with IEC 60603-13/ DIN 41651

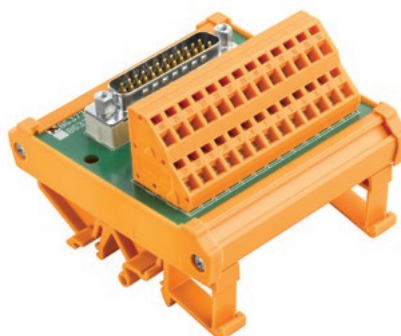


Passive interfaces for transmitting signals from a plug-in flat cable connector, based on IEC 60603-13 / DIN 41651, to a tension clamp or screw connection.

Connection between both connectors is 1 to 1 and the range includes male connectors with between 10 and 64-poles.

RS SD – Interface for connector SUB-D in accordance with IEC 60807-2/ DIN 41652

Passive interfaces for transmitting signals from a plug-in SUB-D connector based on IEC 60807-2 / DIN 41652, to a tension clamp connection or screw connection.



Thanks to the metal casing of the SUB-D these connectors are ideal for transmitting analogue signals or for connection with shielded cables.

Connection between both connectors is 1 to 1 and the range includes male and female connectors with between 9 and 50-poles.

Sub-d High density 15,26,44 and 62 poles also available in screw connection.

RS RJ45 - Interfaces with RJ45 connector

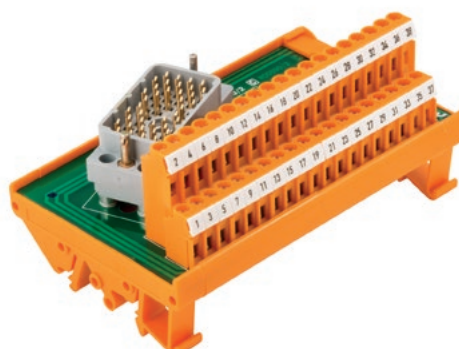
Passive interfaces transport signals from a modem, router, computer or any other communications equipment using RJ45 connectors to screw or tension clamp connections.



The modules can be fixed to standard TS32 and/or TS35 mounting rails.

RS ELCO – Interface with ELCO plug-in connectors

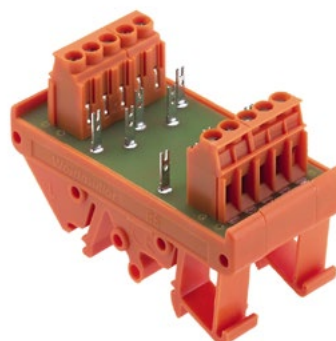
Passive interfaces that transport signals proceeding from a 20 to 90-pole male/female ELCO plug-in connector to screw or tension clamp connection techniques.



The ELCO connectors are used, for example, in electric power stations, refineries and in different processing applications in which a robust, reliable connection is needed for a large number of signals. The main feature of an ELCO connector is its reliability thanks to its hermaphrodite contact, which is shaped like a fork.

The diagonal disposition of the connector (from right to left) facilitates the wiring of the cables in the electrical cabinet and avoids them from crossing one other.

RSX – Interface for soldering of components



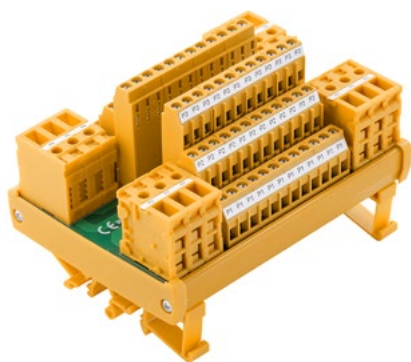
Axial components such as resistors, diodes and capacitors, can be soldered into the RSX component modules

Passive interfaces for general applications

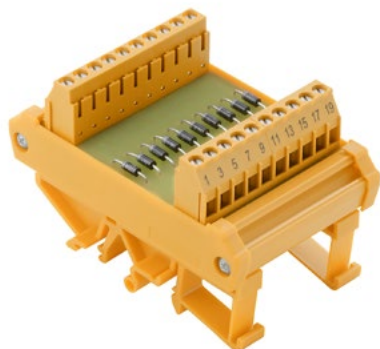
RS VERT – Supply voltage distributor modules

Passive interfaces for the distribution of AC or DC voltage
These interfaces can distribute from 2 to 6 different voltages.
This allows distributing voltages of 230/400 V AC and DC control signals.

These interfaces provide an easy visualisation, and can be fixed to standard TS35 and/or TS32 assembly rails.



RSD – Interfaces with diodes



The diode interface is used for protection from surges, testing lamps or for preventing reverse polarity.

We therefore supply the following interfaces, namely:

- In common anode
- In common cathode
- Transverse diode

All come with screw connection and can be assembled onto TS-32 and TS-35 rails.

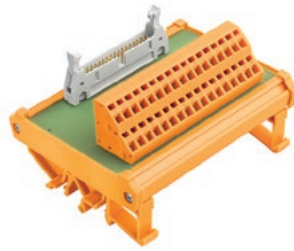
RS F - Interface for flat cable in accordance with IEC 60603-13 / DIN41651

**RS F - Interface for flat cable
in accordance with IEC 60603-13/DIN41651**

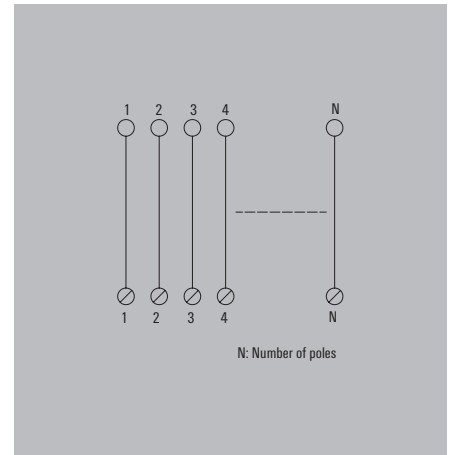
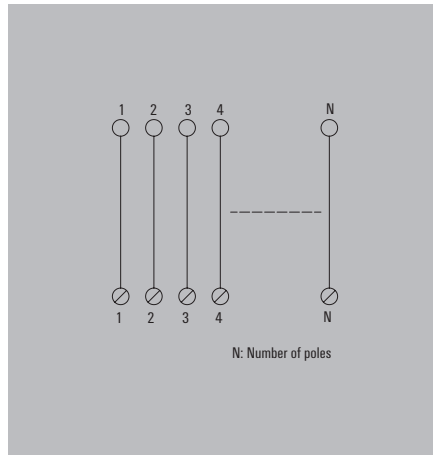
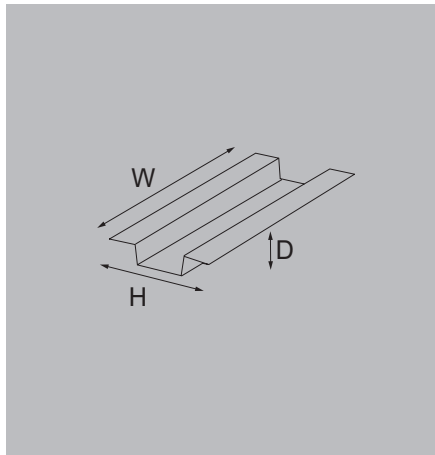
Interface for flat cable in accordance with IEC 60603-13/
DIN41651

- Connection 1:1
- 10 to 64 poles
- Screw or tension clamp connection

RSF Z



RSF S



Technical data

| Connection data | |
|-----------------------------------|--|
| Connection on control side | |
| Type of connection | |
| Rated data | |
| Rated voltage | |
| Rated current per connection | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Pulse voltage test (1,2/50µs) | |
| Dimensions | |
| Clamping range, min./max. | |
| Rail | |
| Height / Depth | |
| Note | |

| Connection data | |
|---|--|
| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
| Tension-clamp connection | |
| CE | |
| 60 V AC / 75 V DC | |
| 1 A | |
| CE | |
| 0...55 °C | |
| -40...70 °C | |
| CE; EAC | |
| 100 V | |
| II | |
| 2 | |
| 0.8 kV | |
| 0.13 mm ² / 2.5 mm ² | |
| TS 35, TS 32 | |
| 87 mm / 64 mm | |

| Connection data | |
|---|--|
| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
| Screw connection | |
| CE | |
| 60 V AC / 75 V DC | |
| 1 A | |
| CE | |
| 0...55 °C | |
| -40...60 °C | |
| CE; EAC | |
| 100 V | |
| II | |
| 2 | |
| 0.8 kV | |
| 0.5 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 87 mm / 70 mm | |

Ordering data

| 10-pole plug | |
|--------------|--|
| 14-pole plug | |
| 16-pole plug | |
| 20-pole plug | |
| 26-pole plug | |
| 34-pole plug | |
| 40-pole plug | |
| 50-pole plug | |
| 60-pole plug | |
| 64-pole plug | |
| Note | |
| Accessories | |
| Note | |

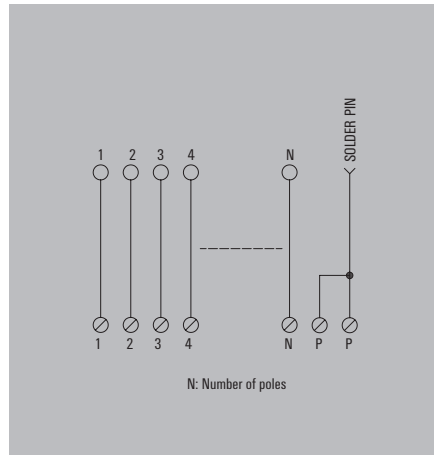
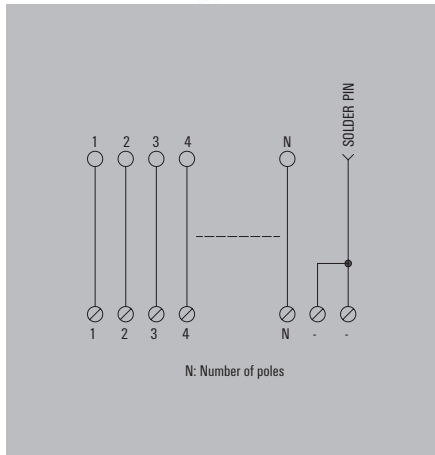
| Type | Width | Order No. |
|---|--------|------------|
| RS F10 Z | 50 mm | 8537190000 |
| RS F14 Z | 50 mm | 8537200000 |
| RS F20 Z | 65 mm | 8537110000 |
| RS F26 Z | 80 mm | 8537180000 |
| RS F34 Z | 110 mm | 8537130000 |
| RS F40 Z | 115 mm | 8537140000 |
| RS F50 Z | 145 mm | 8537150000 |
| Refer to the "Universal cables PAC-UNIV" section in chapter F | | |

| Type | Width | Order No. |
|---|--------|------------|
| RS F10 LP2N 5/10 | 50 mm | 0224961001 |
| RS F14 LP2N 5/14 | 50 mm | 0225061001 |
| RS F16 LP2N 5/16 | 55 mm | 0225161001 |
| RS F20 LP2N 5/20 | 65 mm | 0224261001 |
| RS F26 LP2N 5/26 | 80 mm | 0224861001 |
| RS F34 LP2N 5/34 | 110 mm | 0224361001 |
| RS F40 LP2N 5/40 | 115 mm | 0224461001 |
| RS F50 LP2N 5/50 | 145 mm | 0224561001 |
| RS F60 LP2N 5/60 | 180 mm | 0224661001 |
| RS F64 LP2N 5/64 | 180 mm | 0224761001 |
| Refer to the "Universal cables PAC-UNIV" section in chapter F | | |

RSF S/ COMPACT



RSF S/ RS45



| | |
|---|--|
| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
| Screw connection | |
| CE | |
| 60 V AC / 75 V DC | |
| 1 A | |
| CE | |
| 0...55 °C | |
| -40...70 °C | |
| CE; EAC | |
| 100 V | |
| II | |
| 2 | |
| 0.8 kV | |
| 0.5 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 87 mm / 76 mm | |

| | |
|---|--|
| Plug-in connector in acc. with IEC60603-13 / DIN41651 | |
| Screw connection | |
| CE | |
| 60 V AC / 75 V DC | |
| 1 A | |
| CE | |
| 0...55 °C | |
| -40...70 °C | |
| CE; EAC | |
| 100 V | |
| II | |
| 2 | |
| 0.8 kV | |
| 0.15 mm ² / 1.5 mm ² | |
| TS 35, TS 32 | |
| 45 mm / 66 mm | |

| Type | Width | Order No. |
|------------------|--------|------------|
| RS F10 LP3R 3/12 | 40 mm | 8012850000 |
| RS F14 LP3R 3/14 | 45 mm | 8012860000 |
| RS F16 LP3R 3/18 | 50 mm | 8012870000 |
| RS F20 LP3R 3/21 | 50 mm | 8012910000 |
| RS F26 LP3R 3/27 | 55 mm | 8012920000 |
| RS F34 LP3R 3/36 | 70 mm | 8012930000 |
| RS F40 LP3R 3/42 | 80 mm | 8012940000 |
| RS F50 LP3R 3/51 | 95 mm | 8012950000 |
| RS F60 LP3R 3/63 | 115 mm | 8012960000 |
| RS F64 LP3R 3/66 | 120 mm | 8012970000 |

| Type | Width | Order No. |
|------------------|--------|------------|
| RS F10 LPK 2H/12 | 49 mm | 8155610000 |
| RS F14 LPK 2H/16 | 56 mm | 8258980000 |
| RS F16 LPK 2H/18 | 64 mm | 8265540000 |
| RS F20 LPK 2H/22 | 71 mm | 8155600000 |
| RS F26 LPK 2H/28 | 86 mm | 8213470000 |
| RS F34 LPK 2H/36 | 106 mm | 8155590000 |
| RS F40 LPK 2H/42 | 121 mm | 8155580000 |
| RS F50 LPK 2H/52 | 151 mm | 8155570000 |
| RS F60 LPK 2H/62 | 176 mm | 8259000000 |
| RS F64 LPK 2H/66 | 186 mm | 8155550000 |

Refer to the "Universal cables PAC-UNIV" section in chapter F

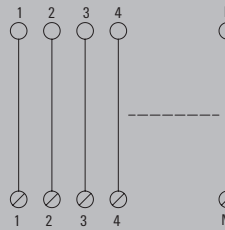
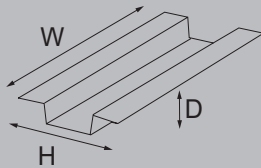
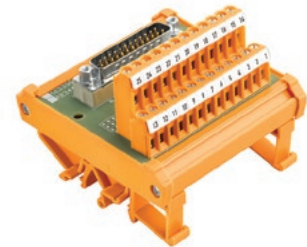
Refer to the "Universal cables PAC-UNIV" section in chapter F

RS SD - Interface for SUB-D connector in accordance with IEC 60807-2 / DIN 41652
RS SD - Interface for SUB-D connector in accordance with IEC 60807-2 / DIN 41652

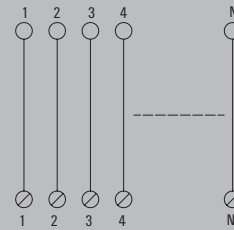
Interface for SUB-D connector in accordance with IEC 60807-2 / DIN 41652.

- Connection 1:1
- 9 to 50 poles
- Screw or tension clamp connection

RSSD Z

RSSD S


N: Number of poles



N: Number of poles

Technical data

| |
|--|
| Connection data |
| Connection on control side |
| Type of connection |
| Rated data |
| Rated voltage |
| Rated current per connection |
| General data |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |
| Dimensions |
| Clamping range, min./max. |
| Rail |
| Height / Depth |
| Note |

| |
|---|
| Connection data |
| D-sub connectors, acc. to IEC 60807 / DIN 41652 |
| Tension-clamp connection |
| CE |
| 100 V |
| 1.5 A |
| CE |
| 0...55 °C |
| -40...70 °C |
| CE; EAC |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |
| Dimensions |
| Clamping range, min./max. |
| Rail |
| Height / Depth |
| Note |

| |
|---|
| Connection data |
| D-sub connectors, acc. to IEC 60807 / DIN 41652 |
| Screw connection |
| CE |
| 100 V |
| 1.5 A |
| CE |
| 0...55 °C |
| -40...70 °C |
| CE; EAC |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |
| Dimensions |
| Clamping range, min./max. |
| Rail |
| Height / Depth |
| Note |

Ordering data

| |
|--------------------------|
| 9-pole male connector |
| 15-pole male connector |
| 25-pole male connector |
| 37-pole male connector |
| 50-pole male connector |
| 9-pole female connector |
| 15-pole female connector |
| 25-pole female connector |
| 37-pole female connector |
| 50-pole female connector |

| Type | Width | Order No. |
|------------|--------|------------|
| RS SD9 SZ | 45 mm | 8537260000 |
| RS SD15 SZ | 60 mm | 8537390000 |
| RS SD25 SZ | 80 mm | 8537370000 |
| RS SD37 SZ | 110 mm | 8537240000 |
| RS SD50 SZ | 145 mm | 8537350000 |
| RS SD9 BZ | 45 mm | 8537320000 |
| RS SD15 BZ | 60 mm | 8537400000 |
| RS SD25 BZ | 80 mm | 8537380000 |
| RS SD37 BZ | 110 mm | 8537250000 |
| RS SD50 BZ | 87 mm | 8537360000 |

| Type | Width | Order No. |
|------------------------|--------|------------|
| RS SD9S UNC 4.40 LP2N | 45 mm | 8003901001 |
| RS SD15S UNC 4.40 LP2N | 60 mm | 8005201001 |
| RS SD25S UNC 4.40 LP2N | 80 mm | 8005181001 |
| RS SD37S UNC 4.40 LP2N | 110 mm | 8003881001 |
| RS SD50S UNC 4.40 LP2N | 154 mm | 8005161001 |
| RS SD9B UNC 4.40 LP2N | 45 mm | 8003911001 |
| RS SD15B UNC 4.40 LP2N | 60 mm | 8005211001 |
| RS SD25B UNC 4.40 LP2N | 80 mm | 8005191001 |
| RS SD37B UNC 4.40 LP2N | 110 mm | 8003891001 |
| RS SD50B UNC 4.40 LP2N | 154 mm | 8005171001 |

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

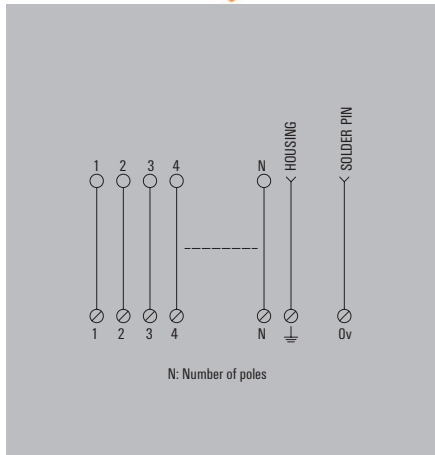
Accessories

| |
|-------------|
| Note |
|-------------|

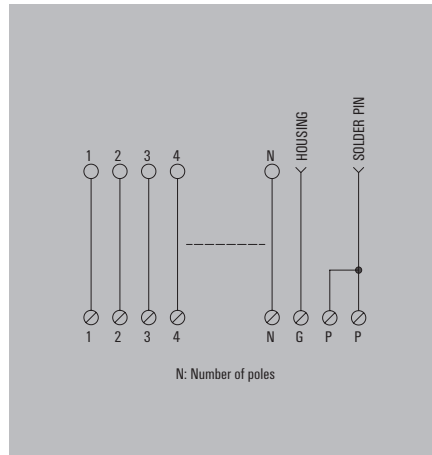
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|---|
| Refer to the "Universal cables PAC-UNIV" section in chapter F |
|---|

| |
|---|
| Refer to the "Universal cables PAC-UNIV" section in chapter F |
|---|

RSSD/ COMPACT



RSSD / RS45



| | |
|---|--|
| D-sub connectors, acc. to IEC 60807 / DIN 41652 | |
| Screw connection | |
| CE | |
| 100 V | |
| 1.5 A | |
| CE | |
| 0...55 °C | |
| -40...70 °C | |
| CE; EAC | |
| 100 V | |
| II | |
| 2 | |
| 0.8 kV | |
| 0.5 mm ² / 6 mm ² | |
| TS 35, TS 32 | |
| 87 mm / 80 mm | |

| | |
|---|--|
| D-sub connectors, acc. to IEC 60807 / DIN 41652 | |
| Screw connection | |
| CE | |
| 100 V | |
| 1.5 A | |
| CE | |
| 0...55 °C | |
| -40...70 °C | |
| CE; EAC | |
| 100 V | |
| II | |
| 2 | |
| 0.8 kV | |
| 0.15 mm ² / 1.5 mm ² | |
| TS 35, TS 32 | |
| 45 mm / 66 mm | |

| Type | Width | Order No. |
|---------------|--------|------------|
| RS SD9S LP3R | 40 mm | 8019930000 |
| RS SD15S LP3R | 45 mm | 8019940000 |
| RS SD25S LP3R | 60 mm | 8019950000 |
| RS SD37S LP3R | 80 mm | 8019960000 |
| RS SD50S LP3R | 145 mm | 8019970000 |
| RS SD9B LP3R | 40 mm | 8019880000 |
| RS SD15B LP3R | 45 mm | 8019890000 |
| RS SD25B LP3R | 60 mm | 8019900000 |
| RS SD37B LP3R | 80 mm | 8019910000 |
| RS SD50B LP3R | 100 mm | 8019920000 |

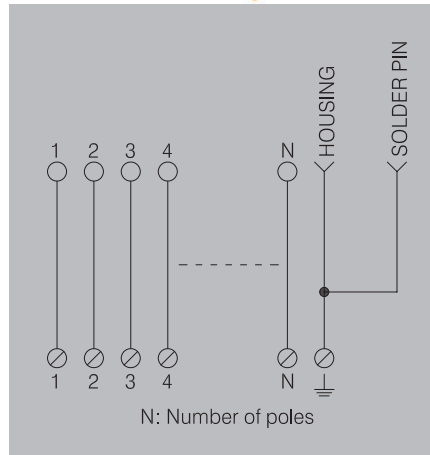
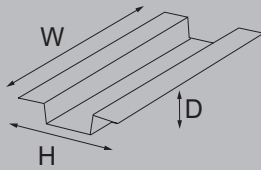
| Type | Width | Order No. |
|-------------------|--------|------------|
| RS SD9S UNC LPK2 | 50 mm | 8259010000 |
| RS SD15S UNC LPK2 | 61 mm | 8233350000 |
| RS SD25S UNC LPK2 | 86 mm | 8155650000 |
| RS SD37S UNC LPK2 | 116 mm | 8155660000 |
| RS SD50S UNC LPK2 | 154 mm | 8155670000 |
| RS SD9B UNC LPK2 | 50 mm | 8216480000 |
| RS SD15B UNC LPK2 | 61 mm | 8209730000 |
| RS SD25B UNC LPK2 | 86 mm | 8155620000 |
| RS SD37B UNC LPK2 | 116 mm | 8155630000 |
| RS SD50B UNC LPK2 | 45 mm | 8155640000 |

Refer to the "Universal cables PAC-UNIV" section in chapter F

Refer to the "Universal cables PAC-UNIV" section in chapter F

RS SD HD - Interface for connector SUB-D high density
**Interface for connector
SUB-D high-density**

- Connection 1:1
- 15,26,44,62 poles
- Screw connection

RS SD HD

Technical data
Connection data

Connection on control side
Type of connection

Rated data

Rated voltage
Rated current per connection

General data

Ambient temperature (operational)
Storage temperature
Approvals

Insulation coordination (EN50178)

Rated insulation voltage
Surge voltage category
Pollution severity level
Pulse voltage test (1,2/50µs)

Dimensions

Clamping range, min./max.
Rail
Height / Depth

Note

High-density SUB-D plug-in connectors
Screw connection

CE

125 V AC / 175 V DC

1 A

CE

-25...50 °C

-40...60 °C

CE; EAC

125V AC / 175 V DC

II

2

1.15 kV

0.5 mm² / 6 mm²

TS 35, TS 32

70 mm / 71 mm

Ordering data

15-pole male connector
26-pole male connector
44-pole male connector
62-pole male connector
15-pole female connector
26-pole female connector
44-pole female connector
62-pole female connector

| Type | Width | Order No. |
|-----------------------|--------|------------|
| RS SD15M HD UNC4.40 S | 40 mm | 1428080000 |
| RS SD26M HD UNC4.40 S | 55 mm | 1428090000 |
| RS SD44M HD UNC4.40 S | 95 mm | 1428110000 |
| RS SD62M HD UNC4.40 S | 135 mm | 1428120000 |
| RS SD15F HD UNC4.40 S | 40 mm | 1428130000 |
| RS SD26F HD UNC4.40 S | 55 mm | 1428140000 |
| RS SD44F HD UNC4.40 S | 95 mm | 1428150000 |
| RS SD62F HD UNC4.40 S | 135 mm | 1428160000 |

Note
Accessories
Note

Refer to the "Universal cables PAC-UNIV" section in chapter F

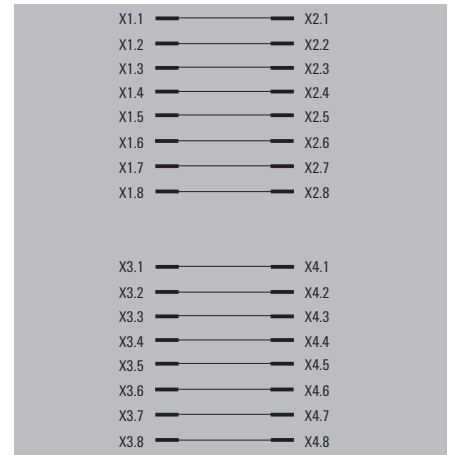
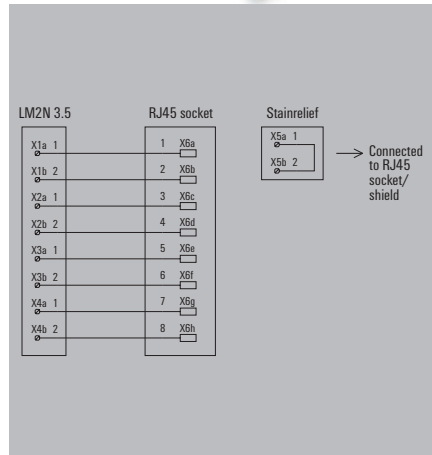
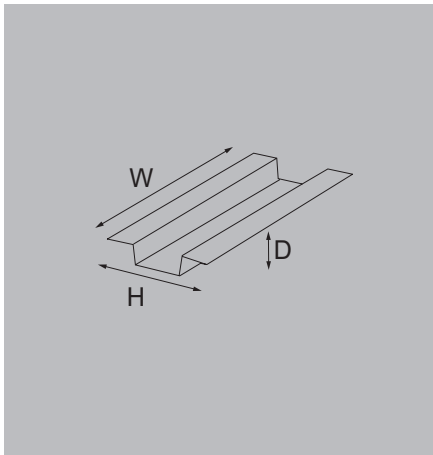
RS RJ45 - Interfaces with RJ45 connector

- Interface for the screw connection of communication devices
- Phosphor-bronze connector 6µ AU
- Data rate Cat5 100 Mbit

RS RJ45



RS RJ45 2WAY



Technical data

| |
|--|
| Connection data |
| Connection on control side |
| Connection (field side) |
| Rated data |
| Rated voltage |
| Rated current per connection |
| General data |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |
| Dimensions |
| Clamping range, min./max. |
| Rail |
| Height / Depth |
| Note |

| |
|---|
| RJ45 plug-in connectors |
| LM2N 3.5mm |
| CE |
| 50 V |
| 1 A |
| CE |
| 0...55 °C |
| -40...70 °C |
| CE; EAC |
| < 50 V AC |
| III |
| 2 |
| 0.8 kV |
| Screw connection |
| 0.08 mm ² / 2.08 mm ² |
| TS 35, TS 32 |
| 70 mm / 48 mm |
| Connect shielding of data line to protective earth at one end |

| |
|---|
| 2 x RJ45 connector |
| 2 x RJ45 plug-in connectors |
| CE |
| 50 V |
| 1 A |
| CE |
| 0...55 °C |
| -40...70 °C |
| CE; EAC |
| < 50 V AC |
| III |
| 2 |
| 0.8 kV |
| TS 35, TS 32 |
| 45 mm / 44 mm |
| Connect shielding of data line to protective earth at one end |

Ordering data

| Type | Width | Order No. |
|---------|-------|------------|
| RS RJ45 | 30 mm | 8611320000 |

| Type | Width | Order No. |
|--------------|-------|------------|
| RS RJ45 2WAY | 47 mm | 8555440000 |

| |
|-------------|
| Note |
|-------------|

Accessories

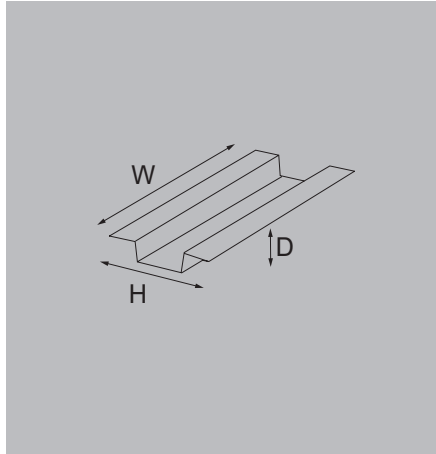
| |
|-------------|
| Note |
|-------------|

RS ELCO - Interface with ELCO plug-in connectors

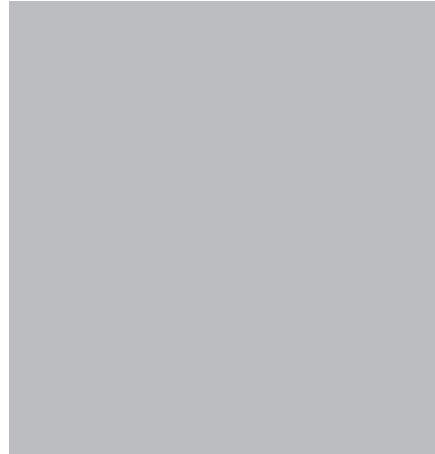
**RS ELCO - Interface
with male ELCO plug-in connectors**

Passive interface for transporting signals originating from a male ELCO plug-in connector to screw or tension clamp connection techniques.

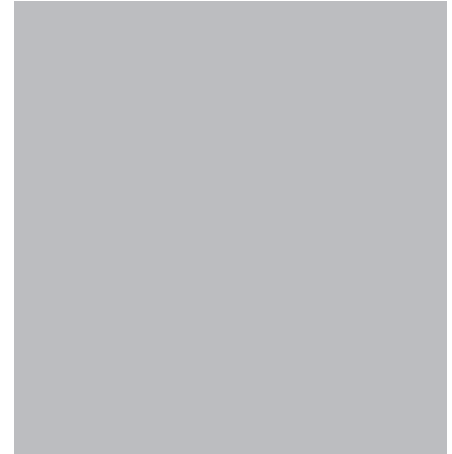
- Family with male plug-in connectors with 20, 38, 56 and 90 poles
- The connector is polarised to avoid errors in the connection (Position 1)
- High resistance to vibration and low contact resistance



RS ELCO S



RS ELCO 90/90 S



Technical data

| |
|--|
| Rated data |
| Rated voltage |
| Rated current per connection |
| General data |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |

| |
|---------------------|
| 150 V AC / 200 V DC |
| 1.5 A |
| -25...50 °C |
| -40...60 °C |
| CE; EAC |
| < 150 V AC |
| II |
| 2 |
| 2.5 kV |

| |
|---------------------|
| 150 V AC / 200 V DC |
| 0.5 A |
| -25...50 °C |
| -40...60 °C |
| CE; EAC |
| < 150 V AC |
| II |
| 2 |
| 2.5 kV |

Dimensions

| |
|---------------------------|
| Clamping range, min./max. |
| Rail |
| Height / Depth |
| Note |

Screw connection

| |
|---|
| 0.5 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 70 mm / 60 mm |
| Polarizer in position 1 |

Screw connection

| |
|---|
| 0.5 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 109 mm / 76 mm |
| Polarizer in position 1 |

Ordering data

| | | | | | | | | | | | | | |
|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|
| 20-pole right | 20-pole left | 38-pole right | 38-pole left | 56-pole right | 56-pole left | 56-pole right | 56-pole left | 56-pole right | 56-pole left | 56-pole right | 56-pole left | 90-pole right | 90-pole left |
| Note | | | | | | | | | | | | | |

| Type | Width | Order No. |
|-------------------|--------|------------|
| RS ELCO 20/20RM S | 60 mm | 1126610000 |
| RS ELCO 20/20LM S | 60 mm | 1126630000 |
| RS ELCO 38/38RM S | 105 mm | 1126650000 |
| RS ELCO 38/38LM S | 105 mm | 1126670000 |
| RS ELCO 56/32RM S | 95 mm | 1126690000 |
| RS ELCO 56/32LM S | 95 mm | 1126710000 |
| RS ELCO 56/54RM S | 155 mm | 1126730000 |
| RS ELCO 56/54LM S | 155 mm | 1126750000 |
| RS ELCO 56/56RM S | 155 mm | 1126770000 |
| RS ELCO 56/56LM S | 155 mm | 1126790000 |
| Note | | |

| Type | Width | Order No. |
|-------------------|--------|------------|
| RS ELCO 90/90RM S | 242 mm | 1126810000 |
| RS ELCO 90/90LM S | 242 mm | 1126870000 |
| Note | | |

Accessories

| |
|-------------|
| Note |
|-------------|

| |
|---|
| Refer to the "Universal cables PAC-ELCO" section in chapter F |
|---|

| |
|---|
| Refer to the "Universal cables PAC-ELCO" section in chapter F |
|---|

RS ELCO - Interface
with female ELCO plug-in connectors

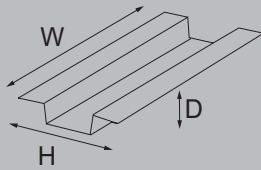
Passive interfaces for transmitting signals from a plug-in ELCO female connector to a screw connection.

- Family of 20, 38, to 56-pole female plug-in connectors
- Polarisation of the connector to prevent errors in connection (position 1)
- High resistance to vibration and low contact resistance

RS ELCO F



RS ELCO F 56



Technical data

| |
|--|
| Rated data |
| Rated voltage |
| Rated current per connection |
| General data |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |

| |
|---------------------|
| CE |
| 150 V AC / 200 V DC |
| 1.5 A |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE |
| < 150 V AC |
| II |
| 2 |
| 2.5 kV |

| |
|---------------------|
| CE |
| 150 V AC / 200 V DC |
| 5 A |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE |
| < 150 V AC |
| II |
| 2 |
| 2.5 kV |

| |
|---------------------------|
| Dimensions |
| Clamping range, min./max. |
| Rail |
| Height / Depth |
| Note |

| |
|--|
| 0.13 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 70 mm / 60 mm |
| Polariser in position 1 |

| |
|---|
| 0.5 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 70 mm / 60 mm |
| Polariser in position 1 |

Ordering data

| |
|---------------|
| 20-pole right |
| 20-pole left |
| 38-pole right |
| 38-pole left |
| 56-pole right |
| 56-pole left |

| Type | Width | Order No. |
|--------------------|--------|------------|
| RS ELCOF 20/20RM S | 60 mm | 1480740000 |
| RS ELCOF 20/20LM S | 60 mm | 1480750000 |
| RS ELCOF 38/38RM S | 105 mm | 1480760000 |
| RS ELCOF 38/38LM S | 105 mm | 1480770000 |

| Type | Width | Order No. |
|--------------------|--------|------------|
| RS ELCOF 56/56RM S | 155 mm | 1480780000 |
| RS ELCOF 56/56LM S | 155 mm | 1480790000 |

| |
|-------------|
| Note |
|-------------|

| |
|--|
| |
|--|

| |
|--|
| |
|--|

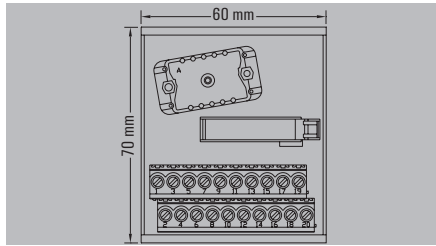
Accessories

| |
|-------------|
| Note |
|-------------|

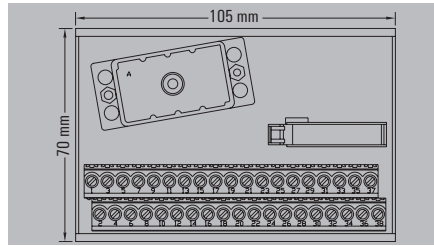
| |
|--|
| Refer to the "PAC-ELCO universal cables" section in this chapter |
|--|

| |
|--|
| Refer to the "PAC-ELCO universal cables" section in this chapter |
|--|

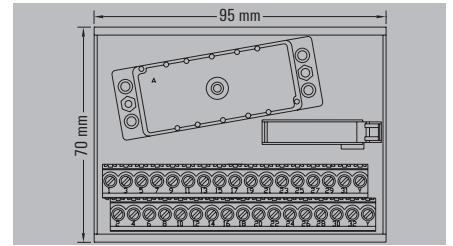
RS ELCO male connector: Dimensional Drawings



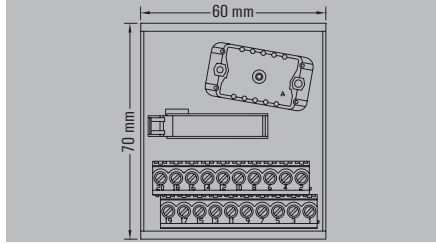
ELCO 20/20L LEFT



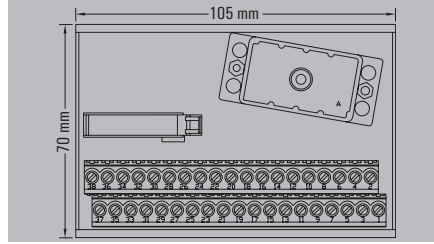
ELCO 38/38L LEFT



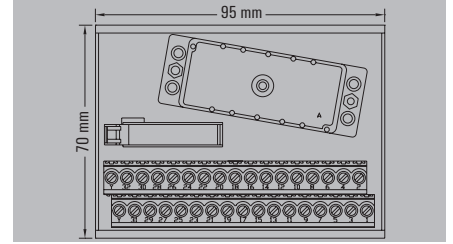
ELCO 56/32L LEFT



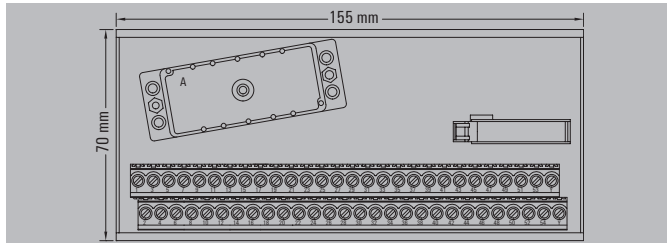
ELCO 20/20R RIGHT



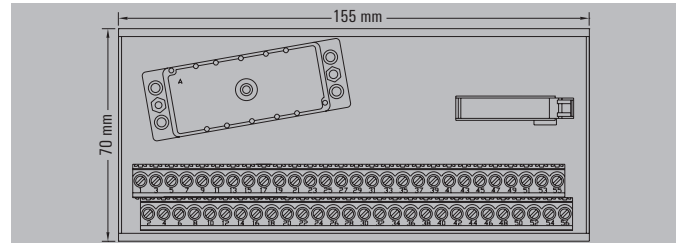
ELCO 38/38R RIGHT



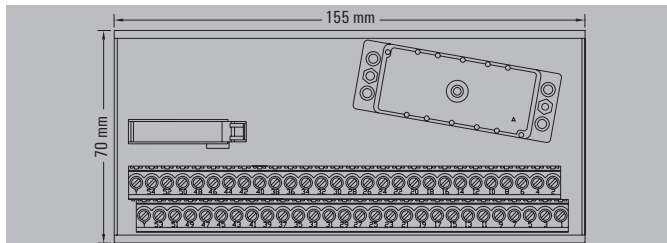
ELCO 56/32R RIGHT



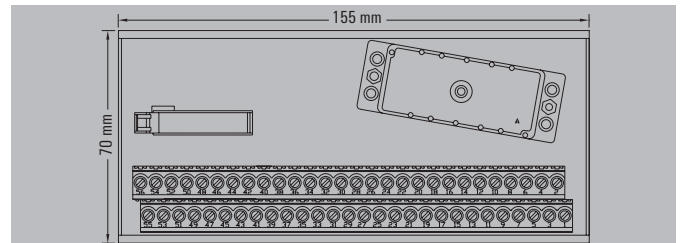
ELCO 56/54L LEFT



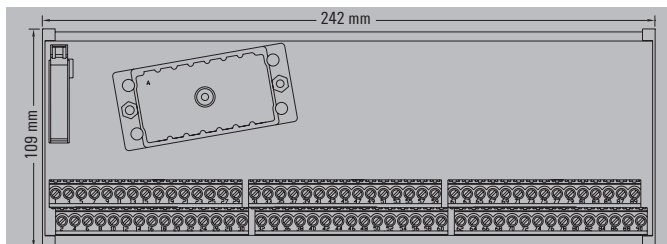
ELCO 56/56L LEFT



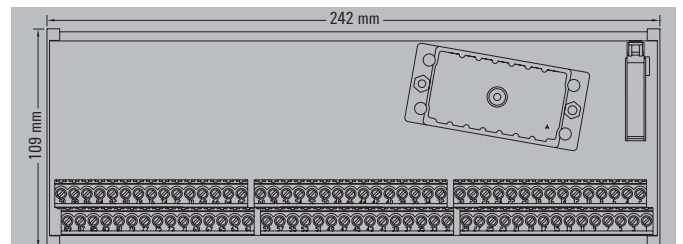
ELCO 56/54R RIGHT



ELCO 56/56R RIGHT

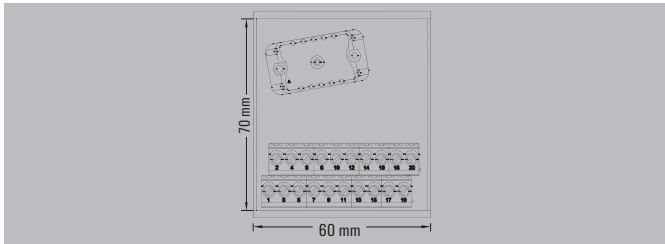


ELCO 90/90L LEFT

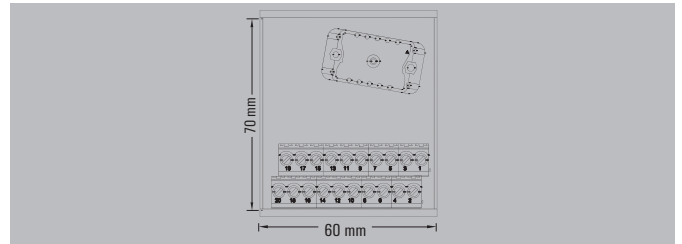


ELCO 90/90R RIGHT

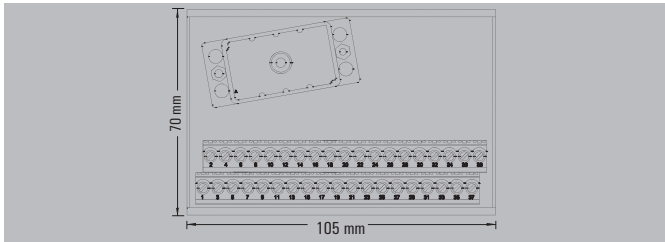
RS ELCOF female connector: Dimensional Drawings



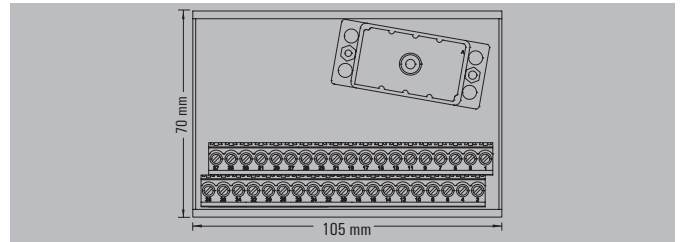
RS ELCOF 20/20LM S



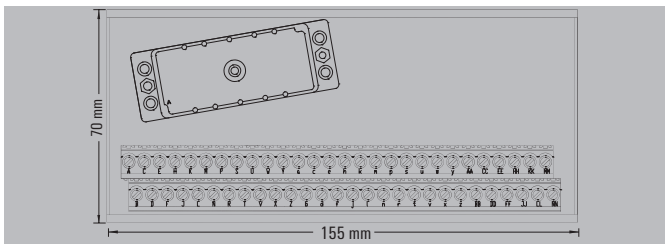
RS ELCOF 20/20RM S



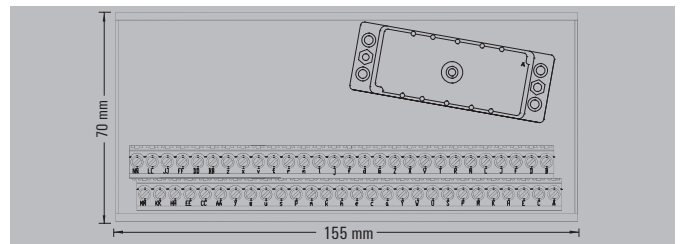
RS ELCOF 38/38LM S



RS ELCOF 38/38RM S



RS ELCOF 56/56LM S



RS ELCOF 56/56RM S

RS ELCO - Interface with ELCO plug-in connectors

Pin assignment

| ELCO connector 20-pole | RS ELCO 20/20RM S RS ELCO 20/20LM S RS ELCOF 20/20RM S RS ELCOF 20/20LM S |
|---------------------------|--|
| A | 1 |
| B | 2 |
| C | 3 |
| D | 4 |
| E | 5 |
| F | 6 |
| H | 7 |
| J | 8 |
| K | 9 |
| L | 10 |
| M | 11 |
| N | 12 |
| P | 13 |
| R | 14 |
| S | 15 |
| T | 16 |
| U | 17 |
| V | 18 |
| W | 19 |
| X | 20 |
| Note | |

| ELCO connector 38-pole | RS ELCO 38/38RM S RS ELCO 38/38LM S RS ELCOF 38/38RM S RS ELCOF 38/38LM S |
|---------------------------|--|
| A | 1 |
| B | 2 |
| C | 3 |
| D | 4 |
| E | 5 |
| F | 6 |
| H | 7 |
| J | 8 |
| K | 9 |
| L | 10 |
| M | 11 |
| N | 12 |
| P | 13 |
| R | 14 |
| S | 15 |
| T | 16 |
| U | 17 |
| V | 18 |
| W | 19 |
| X | 20 |
| Y | 21 |
| Z | 22 |
| AA | 23 |
| BB | 24 |
| CC | 25 |
| DD | 26 |
| EE | 27 |
| FF | 28 |
| HH | 29 |
| JJ | 30 |
| KK | 31 |
| LL | 32 |
| MM | 33 |
| NN | 34 |
| PP | 35 |
| RR | 36 |
| SS | 37 |
| TT | 38 |
| Note | |

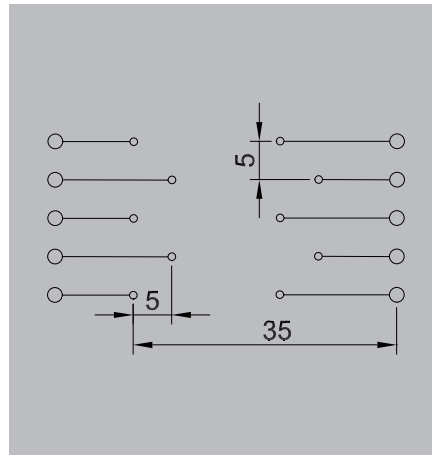
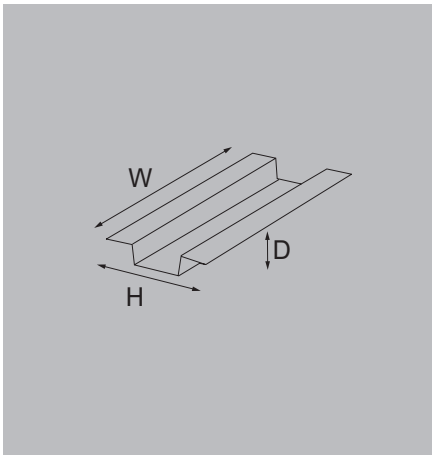
| ELCO connector 56-pole | RS ELCO 56/32RM S RS ELCO 56/32LM S | RS ELCO 56/54RM S RS ELCO 56/54LM S | RS ELCO 56/56RM S RS ELCO 56/56LM S RS ELCOF 56/56RM S RS ELCOF 56/56LM S |
|---------------------------|--|--|--|
| A | 1 | 1 | 1 |
| B | 2 | 2 | 2 |
| C | 3 | 3 | 3 |
| D | 4 | 4 | 4 |
| E | 5 | 5 | 5 |
| F | 6 | 6 | 6 |
| H | 7 | 7 | 7 |
| J | 8 | 8 | 8 |
| K | 9 | 9 | 9 |
| L | 10 | 10 | 10 |
| M | 11 | 11 | 11 |
| N | 12 | 12 | 12 |
| P | 13 | 13 | 13 |
| R | 14 | 14 | 14 |
| S | 15 | 15 | 15 |
| T | 16 | 16 | 16 |
| U | 17 | 17 | 17 |
| V | 18 | 18 | 18 |
| W | 19 | 19 | 19 |
| X | 20 | 20 | 20 |
| Y | Y | YY | 21 |
| Z | 21 | - | 22 |
| a | 22 | 21 | 23 |
| b | 23 | 22 | 24 |
| c | 24 | 23 | 25 |
| d | 25 | 24 | 26 |
| e | 26 | 25 | 27 |
| f | 27 | 26 | 28 |
| h | 28 | 27 | 29 |
| j | 29 | 28 | 30 |
| k | 30 | 29 | 31 |
| l | 31 | 30 | 32 |
| m | 32 | 31 | 33 |
| n | - | 32 | 34 |
| p | - | 33 | 35 |
| r | - | 34 | 36 |
| s | - | 35 | 37 |
| t | - | 36 | 38 |
| u | - | 37 | 39 |
| v | - | 38 | 40 |
| w | - | 39 | 41 |
| x | - | 40 | 42 |
| y | - | 41 | 43 |
| z | - | 42 | 44 |
| AA | - | 43 | 45 |
| BB | - | 44 | 46 |
| CC | - | 45 | 47 |
| DD | - | 46 | 48 |
| EE | - | 47 | 49 |
| FF | - | 48 | 50 |
| HH | - | 49 | 51 |
| JJ | - | 50 | 52 |
| KK | - | 51 | 53 |
| LL | - | 52 | 54 |
| MM | - | 53 | 55 |
| NN | Y | 54 | 56 |
| Note | | | |

| ELCO connector 90-pole | RS ELCO 90/90RM S RS ELCO 90/90LM S |
|---------------------------|--|
| A | 1 |
| B | 2 |
| C | 3 |
| D | 4 |
| E | 5 |
| F | 6 |
| H | 7 |
| J | 8 |
| K | 9 |
| L | 10 |
| M | 11 |
| N | 12 |
| P | 13 |
| R | 14 |
| S | 15 |
| T | 16 |
| U | 17 |
| V | 18 |
| W | 19 |
| X | 20 |
| Y | 21 |
| Z | 22 |
| AA | 23 |
| AB | 24 |
| AC | 25 |
| AD | 26 |
| AE | 27 |
| AF | 28 |
| AH | 29 |
| AJ | 30 |
| AK | 31 |
| AL | 32 |
| AM | 33 |
| AN | 34 |
| AP | 35 |
| AR | 36 |
| AS | 37 |
| AT | 38 |
| AU | 39 |
| AV | 40 |
| AW | 41 |
| AX | 42 |
| AY | 43 |
| AZ | 44 |
| BA | 45 |
| BB | 46 |
| BC | 47 |
| BD | 48 |
| BE | 49 |
| BF | 50 |
| BH | 51 |
| BJ | 52 |
| BK | 53 |
| BL | 54 |
| BM | 55 |
| BN | 56 |
| BP | 57 |
| BR | 58 |
| BS | 59 |
| BT | 60 |
| BU | 61 |
| BV | 62 |
| BW | 63 |
| BX | 64 |
| BY | 65 |
| BZ | 66 |
| CA | 67 |
| CB | 68 |
| CC | 69 |
| CD | 70 |
| CE | 71 |
| CF | 72 |
| CH | 73 |
| CJ | 74 |
| CK | 75 |
| CL | 76 |
| CM | 77 |
| CN | 78 |
| CP | 79 |
| CR | 80 |
| CS | 81 |
| CT | 82 |
| CU | 83 |
| CV | 84 |
| CW | 85 |
| CX | 86 |
| CY | 87 |
| CZ | 88 |
| DA | 89 |
| DB | 90 |
| Note | |

Interface for soldering of components

- For soldering 5 components
- Height of solder tabs: 6mm

RSX LOETST. LP



Technical data

| |
|--|
| Rated data |
| Rated control voltage |
| Total operating current |
| General data |
| Ambient temperature, min. |
| Storage temperature |
| Approvals |
| Insulation coordination (EN50178) |
| Rated insulation voltage |
| Surge voltage category |

| |
|-------------|
| CE |
| 250 V |
| 5 A |
| CE |
| -25...50 °C |
| -40...60 °C |
| CE |
| < 250 V AC |
| II |

| |
|---------------------------|
| Dimensions |
| Clamping range, min./max. |
| Rail |
| Height / Depth |
| Note |

| |
|---|
| 0.5 mm ² / 6 mm ² |
| TS 32, TS 35 |
| 70 mm / 42 mm |

Ordering data

| |
|--|
| |
|--|

| Type | Width | Order No. |
|----------------|-------|------------|
| RSX LOETST. LP | 35 mm | 0329761001 |

| |
|-------------|
| Note |
|-------------|

| |
|--|
| |
|--|

Accessories

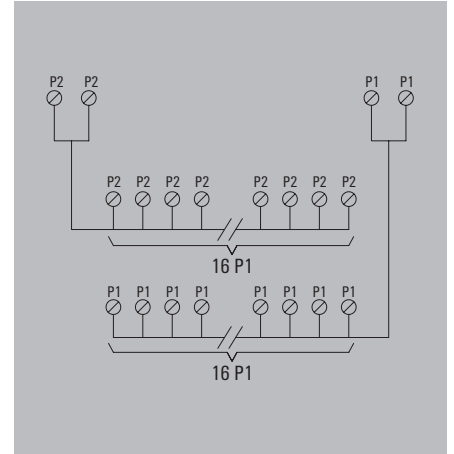
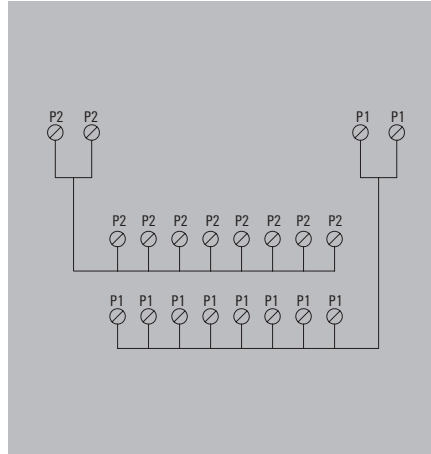
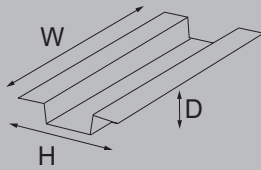
| |
|-------------|
| Note |
|-------------|

| |
|--|
| |
|--|

RS VERT - Supply voltage distributor modules
RS VERT - 2 potentials

- Distribution module with 2, 4 or 6 potentials
- Distribution current from 10 to 120 A
- Screw or tension clamp connection

RS VERT 2P/ 8P1-8P2 S

RS VERT 2P/ 16P1-16P2 S

Technical data
Rated data

| |
|--|
| Operating voltage |
| Maximum current per distributor connection |
| Maximum current per potential connection |
| Total operating current |

General data

| |
|-----------------------------------|
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |

Insulation coordination (EN50178)

| |
|-------------------------------|
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |

| |
|-----------|
| max. 30 V |
| 5 A |
| 5 A |
| 10 A |

| |
|-------------|
| 0...55 °C |
| -40...60 °C |
| CE; EAC |

| |
|-----------|
| < 50 V AC |
| III |
| 2 |
| 0.8 kV |

| |
|-----------|
| max. 30 V |
| 5 A |
| 5 A |
| 10 A |

| |
|-------------|
| 0...55 °C |
| -40...60 °C |
| CE; EAC |

| |
|-----------|
| < 50 V AC |
| III |
| 2 |
| 0.8 kV |

Dimensions

| |
|---------------------------|
| Clamping range, min./max. |
| Clamping range, min./max. |
| Rail |
| Width / Height |

Note
Screw connection

| |
|--|
| 0.15 mm ² / 1.5 mm ² |
| 0.15 mm ² / 1.5 mm ² |
| TS 35, TS 32 |
| 52 mm / 45 mm |

The module may be used for a nominal voltage of 250 V AC, considering an overvoltage category of II

Screw connection

| |
|--|
| 0.15 mm ² / 1.5 mm ² |
| 0.15 mm ² / 1.5 mm ² |
| TS 35, TS 32 |
| 93 mm / 45 mm |

The module may be used for a nominal voltage of 250 V AC, considering an overvoltage category of II

Ordering data

Screw connection

| Type | Depth | Order No. |
|---------------|-------|------------|
| RS VERT8 LPK2 | 64 mm | 8252010000 |

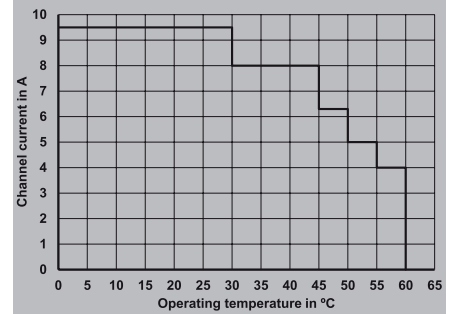
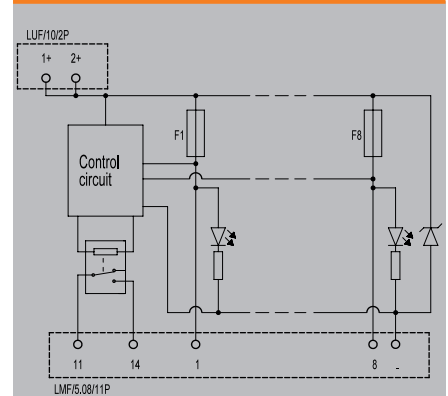
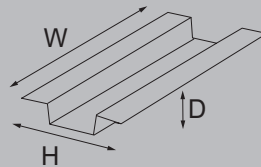
| Type | Depth | Order No. |
|----------------|-------|------------|
| RS VERT16 LPK2 | 64 mm | 8234620000 |

Note
Accessories
Note

RS VERT - 2 potentials

- Current distributor interface with 8 channels, fuse status indicator, and alarm contact.
- Protection by 5x20mm fuse-links.
- Monitorization of each fuse status.
 - Visual: Normal operation of the fuse (Green) / Broken fuse (Red).
 - Remote: If all fuses in normal operation 11-14 continuity. If one of the fuses fail 11-14 open circuit.
- Fuse-links are not delivered with the product.

RS VERT 8P 24VDC Z UL V1



Technical data

| Rated data | |
|---|----------------------------|
| Operating voltage | 24 V DC ± 25% |
| Maximum current per distributor connection | 9.5 A |
| Total operating current | 76.5 A |
| Switching capacity (resistive) relay DC, max. | 4.5 W @ 30 V |
| Switching power relay, min. | 1 mA @ 1 V |
| Connection field | |
| Clamping range, min./max. | 2.5...0.12 mm ² |
| Wire cross-section min./max. AWG | AWG 12...AWG 24 |
| Type of connection | PUSH IN |
| Connection supply | |
| Clamping range, min./max. | 0.5...16 mm ² |
| Wire cross-section min./max. AWG | AWG 20...AWG 6 |
| Type of connection | PUSH IN |
| General data | |
| Ambient temperature (operational) | -25...60 °C |
| Storage temperature | -25...60 °C |
| Humidity at operating temperature | 0...85% (no condensation) |
| Approvals | CE, cULus |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | 50 V AC / 70 V DC |
| Surge voltage category | II |
| Pollution severity | 2 |

| | |
|---|----------------------------|
| Operating voltage | 24 V DC ± 25% |
| Maximum current per distributor connection | 9.5 A |
| Total operating current | 76.5 A |
| Switching capacity (resistive) relay DC, max. | 4.5 W @ 30 V |
| Switching power relay, min. | 1 mA @ 1 V |
| Clamping range, min./max. | 2.5...0.12 mm ² |
| Wire cross-section min./max. AWG | AWG 12...AWG 24 |
| Type of connection | PUSH IN |
| Clamping range, min./max. | 0.5...16 mm ² |
| Wire cross-section min./max. AWG | AWG 20...AWG 6 |
| Type of connection | PUSH IN |
| Ambient temperature (operational) | -25...60 °C |
| Storage temperature | -25...60 °C |
| Humidity at operating temperature | 0...85% (no condensation) |
| Approvals | CE, cULus |
| Rated insulation voltage | 50 V AC / 70 V DC |
| Surge voltage category | II |
| Pollution severity | 2 |

| Dimensions | |
|---------------------------|--|
| Clamping range, min./max. | 2.5 mm ² / 0.12 mm ² |
| Clamping range, min./max. | 0.5 mm ² / 16 mm ² |
| Rail | TS 32, TS 35 |
| Height / Width | 78.2 mm / 108.2 mm |
| Note | |

| Screw connection | | |
|---------------------------|--|--|
| Clamping range, min./max. | 2.5 mm ² / 0.12 mm ² | |
| Clamping range, min./max. | 0.5 mm ² / 16 mm ² | |
| Rail | TS 32, TS 35 | |
| Height / Width | 78.2 mm / 108.2 mm | |
| Note | | |

Ordering data

| |
|------------------|
| Screw connection |
|------------------|

| Type | Depth | Order No. |
|--------------------------|--------|------------|
| RS VERT 8P 24VDC Z UL V1 | 102 mm | 2727410000 |

| Note |
|------|
| |

| Note |
|------|
| |

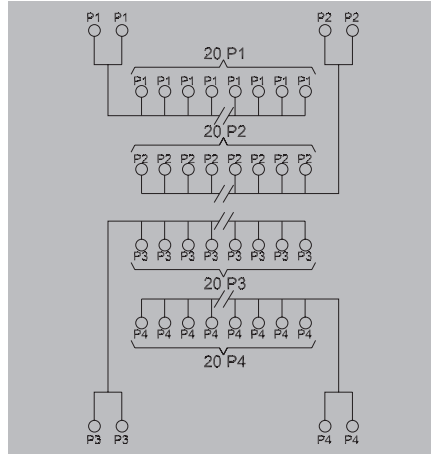
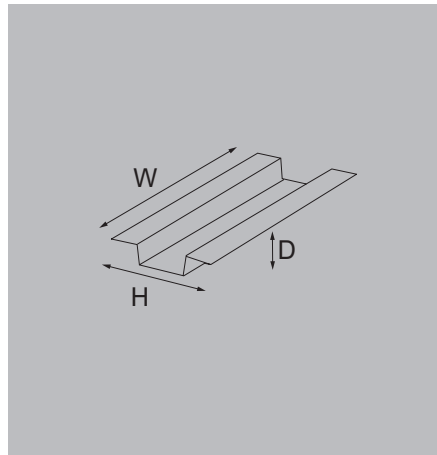
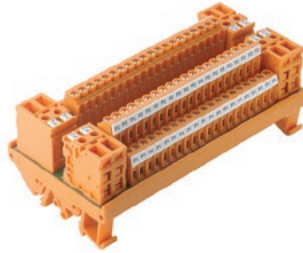
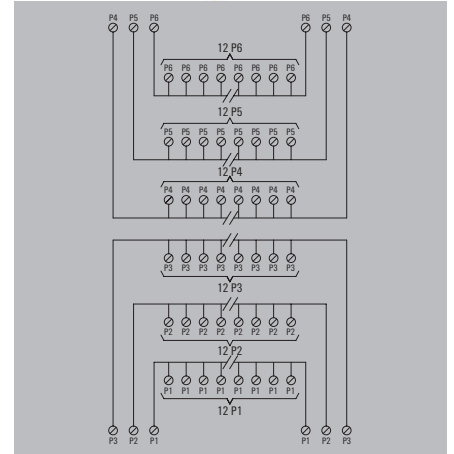
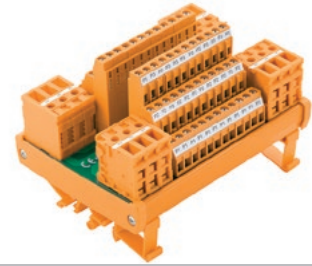
Accessories

| Note |
|--|
| *Fuses not included in the module. Ordering data: (FUSE 5X20 250V Type F): 2780640000 - 4 A; 2780730000 - 5 A; 2780740000 - 6.3 A; 2780750000 - 8 A; 2780760000 - 10 A |

| Note |
|--|
| *Fuses not included in the module. Ordering data: (FUSE 5X20 250V Type F): 2780640000 - 4 A; 2780730000 - 5 A; 2780740000 - 6.3 A; 2780750000 - 8 A; 2780760000 - 10 A |

RS VERT - Supply voltage distributor modules
RS VERT - 4 and 6 potentials

- Distribution module with 4 or 6 potentials
- Distribution current from 10 to 120 A
- Screw or tension clamp connection

RS VERT 4P/4X20P S/Z

RS VERT 6P/6X12P S/Z

Technical data
Rated data

Operating voltage
 Maximum current per distributor connection
 Maximum current per potential connection
 Total operating current

General data

Ambient temperature (operational)
 Storage temperature
 Approvals

Insulation coordination (EN50178)

Rated insulation voltage
 Surge voltage category
 Pollution severity level
 Pulse voltage test (1,2/50µs)

CE

< 600 V AC
 15 A
 30 A
 120 A

CE

-25...50 °C
 -40...60 °C
 CE; EAC

< 600 V AC

III
 2
 6 kV

CE

250 V AC
 15 A
 20 A
 120 A

CE

-25...50 °C
 -40...60 °C
 CE; EAC

< 300 V AC

III
 2
 4 kV

Dimensions

Clamping range, min./max.
 Clamping range, min./max.
 Rail
 Width / Height

Note
Screw connection

0.13 mm² / 6 mm²
 0.13 mm² / 6 mm²
 TS 35, TS 32
 145 mm / 70 mm

Tension clamp conn.

0.13 mm² / 2.5 mm²
 0.13 mm² / 6 mm²
 TS 35, TS 32
 145 mm / 70 mm

Screw connection

0.13 mm² / 6 mm²
 0.13 mm² / 6 mm²
 TS 35, TS 32
 122 mm / 87 mm

Tension clamp conn.

0.13 mm² / 2.5 mm²
 0.13 mm² / 6 mm²
 TS 35, TS 32
 122 mm / 87 mm

Ordering data

Screw connection
 Tension-clamp connection

| Type | Depth | Order No. |
|-------------------|-------|------------|
| RS VERT 4P 20X4 S | 55 mm | 1128100000 |
| RS VERT 4P 20X4 Z | 52 mm | 1128110000 |

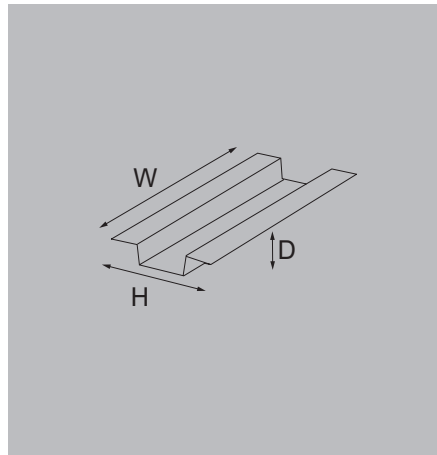
| Type | Depth | Order No. |
|-------------------|-------|------------|
| RS VERT 6P 12X6 S | 83 mm | 1128120000 |
| RS VERT 6P 12X6 Z | 75 mm | 1128130000 |

Note
Accessories
Note

RSD - interfaces with diodes

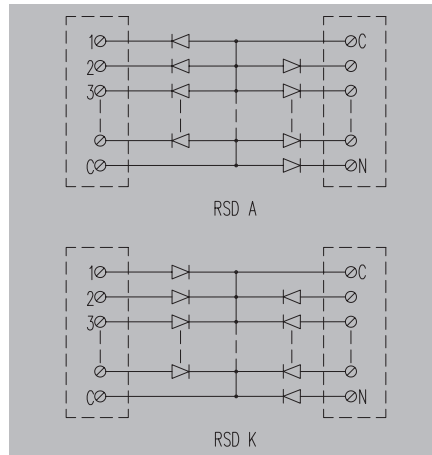
Diode bases for current peak protection, lamp tests or preventing reverse polarity.

- Diode 1N4007
- Mounting on TS32/35



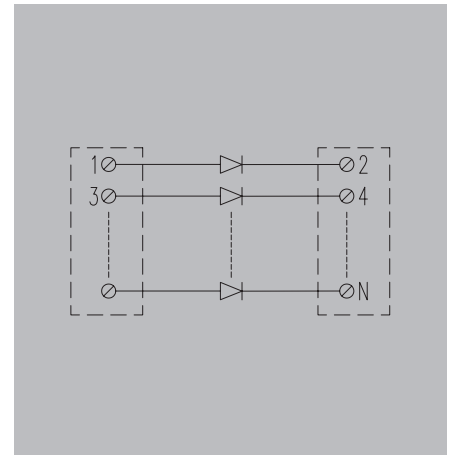
RSD A / RSD K

Common anode or cathode



RSD

Independent diodes



Technical data

| |
|-----------------------------------|
| Rated data |
| Operating voltage |
| Rated current per connection |
| General data |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |
| Insulation coordination |
| Rated insulation voltage |
| Surge voltage category |
| Pollution severity level |
| Pulse voltage test (1,2/50µs) |

| |
|-------------|
| CE |
| 230 V |
| 1 A |
| CE |
| 0...55 °C |
| -40...60 °C |
| CE; EAC |
| CE |
| 230 V |
| II |
| 2 |
| 2 kV |

| |
|-------------|
| CE |
| 230 V |
| 1 A |
| CE |
| 0...55 °C |
| -40...60 °C |
| CE; EAC |
| CE |
| 230 V |
| II |
| 2 |
| 2 kV |

Dimensions

| |
|---------------------------|
| Clamping range, min./max. |
| Rail |
| Height / Depth |
| Note |

| |
|---|
| 0.5 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 70 mm / 42 mm |

| |
|---|
| 0.5 mm ² / 6 mm ² |
| TS 35, TS 32 |
| 70 mm / 42 mm |

Ordering data

| |
|------------------------------------|
| 10 independent diodes |
| 12 independent diodes |
| 20 independent diodes |
| 40 independent diodes |
| 5 A diodes (shared plus pole) |
| 5 K diodes (shared negative pole) |
| 10 A diodes (shared plus pole) |
| 10 K diodes (shared negative pole) |
| 20 A diodes (shared plus pole) |
| 20 K diodes (shared negative pole) |
| 22 A diodes (shared plus pole) |
| 22 K diodes (shared negative pole) |
| Note |

| Type | Width | Order No. |
|---------------|-------|------------|
| RSD A5 LP/LP | 20 mm | 1312740000 |
| RSD K5 LP/LP | 20 mm | 1312750000 |
| RSD A10 LP/LP | 35 mm | 1312760000 |
| RSD K10 LP/LP | 35 mm | 1312770000 |
| RSD A20 LP/LP | 60 mm | 1312780000 |
| RSD K20 LP/LP | 60 mm | 1312790000 |
| RSD A22 LP/LP | 65 mm | 0180961001 |
| RSD K22 LP/LP | 65 mm | 0181061001 |

| Type | Width | Order No. |
|--------------|--------|------------|
| RSD 10 LP/LP | 60 mm | 8022901001 |
| RSD 12 LP/LP | 65 mm | 0181461001 |
| RSD 20 LP/LP | 120 mm | 8022911001 |
| RSD 40 LP/LP | 220 mm | 8022921001 |

Accessories

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

Isolated Interfaces and solutions for general applications

| | | | |
|---|---|-------------------|------|
| Isolated Interfaces and solutions for general applications | RSM/RSMS multiple relay modules - General description | E.2 | |
| | RSM multiple relay modules - Interfaces with 12,5 mm relays (RCL) | E.5 | |
| | RSMS multiple relay modules - Interfaces with 6,1 mm relays (RCL) | E.13 | |
| | TERMSERIES PLC'S system cables - General description | E.16 | |
| | TERMSERIES PLC'S system cables - Selection tables | E.18 | |
| | PLC ABB S800 | - Selection table | E.19 |
| | PLC EMERSON DELTA V | - Selection table | E.20 |
| | PLC GE FANUC RX3I | - Selection table | E.21 |
| | PLC HONEYWELL C200 | - Selection table | E.23 |
| | PLC HONEYWELL C300 | - Selection table | E.24 |
| | PLC MITSUBISHI MELSEC Q | - Selection table | E.26 |
| | PLC OMRON CJ1W | - Selection table | E.28 |
| | PLC ROCKWELL COMPACT LOGIX | - Selection table | E.32 |
| | PLC ROCKWELL CONTROL LOGIX | - Selection table | E.34 |
| | PLC SCHNEIDER M340 | - Selection table | E.36 |
| | PLC SCHNEIDER QUANTUM | - Selection table | E.38 |
| | PLC SCHNEIDER TM3 | - Selection table | E.39 |
| | PLC SIEMENS S7-300 | - Selection table | E.40 |
| | PLC SIEMENS S7-400 | - Selection table | E.42 |
| | PLC SIEMENS S7-1500 | - Selection table | E.43 |
| | PLC SIEMENS -ET 200SP | - Selection table | E.44 |
| PLC SIEMENS -ET 200SP HA | - Selection table | E.45 | |
| PLC YOKOGAWA CENTUM | - Selection table | E.46 | |
| PLC YOKOGAWA STARDOM | - Selection table | E.47 | |
| PLC WEIDMÜLLER u-remote | - Selection table | E.48 | |
| TERMSERIES adapters | E.49 | | |
| TERMSERIES - relays modules from 6 mm width | E.53 | | |

Connecting relay modules to controls in a compact fashion

It's child's play with our RSM multiple relay modules

You want relay modules that save space and can be wired with minimal effort. Our compact RSM modules save time and money.

A growing number of applications require dense wiring to be connected in a very small space, in a very short time. Our RSM relay modules form interfaces with 4, 8 or 16 electromechanical and/or solid-state relays.

E Our RSM modules are extremely compact. For quick wiring, the DC variants come with a shared positive or negative potential. An optional IEC 603-13 plug-in connector allows pre-assembled lines to be connected.

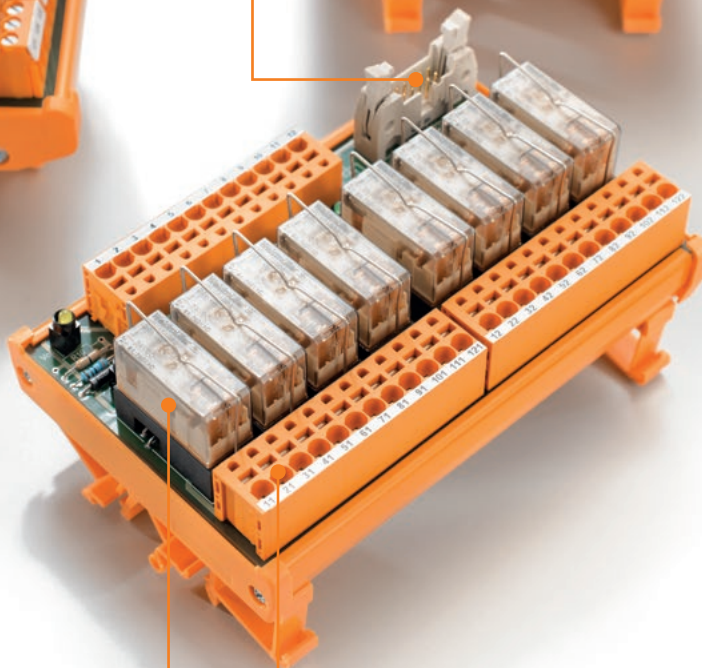
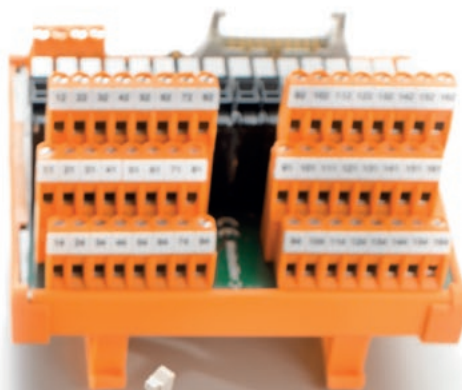
The RSM series comes in various functional variants, making it highly flexible. Available with 1 or 2 CO contacts and a 16/8 A relay (RCL), as a slim 6 A relay (RSS) or with a test button (RCI).



Relay modules that save a lot of space

A growing number of applications require dense wiring to be connected in a very small space, in a very short time – for instance in machinery, process and conventional power stations. RSM relay modules allow extremely compact solutions.

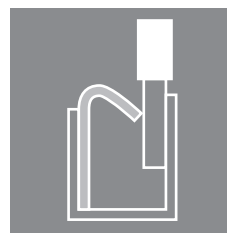
Fast, safe and easy connection.
 With PAC-UNIV pre-assembled cables, it's easy to connect the interfaces to almost any controller on the market.



Clear marking
 One green LED per channel ensures that each contact is clearly identified.

Excellent electrical properties
 Galvanic isolation with electromechanical or solid-state relay allows the voltage of the controller to be adjusted to that of the field elements (e.g. sensors).

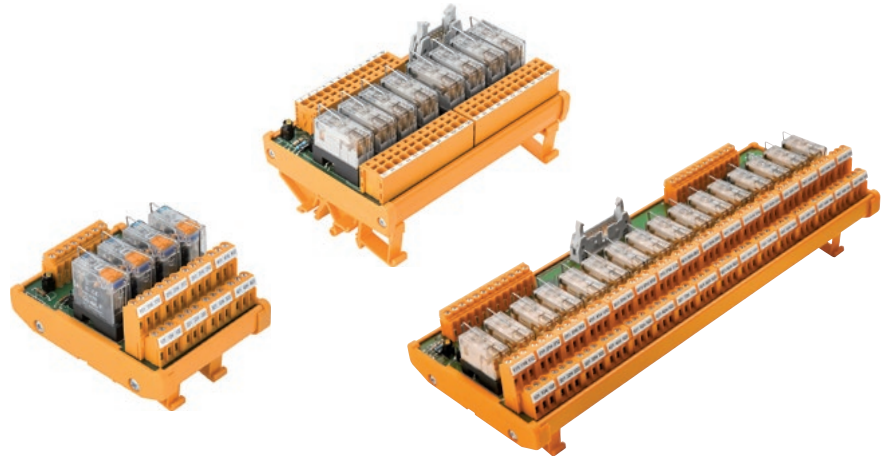
PUSH IN connection for 1 changeover version



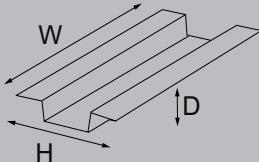
RSM 1C0/2C0 – Relay interface

1 or 2 changeover

- Interface from 4 to 16 electromechanical relays
- 1 or 2 changeover
- Positive or negative switching or AC
- With optional test button with latching function (RCL relays)
- Empty boards available (BASE)
- Flat-connector available to make easy the connection to PLC'S
- Compatible with solid-state relays
- Screw and "PUSH IN" for 1 changeover
- Screw and tension clamp for 2 changeover



General technical data

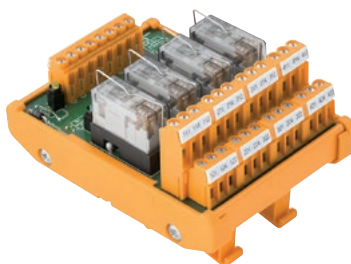
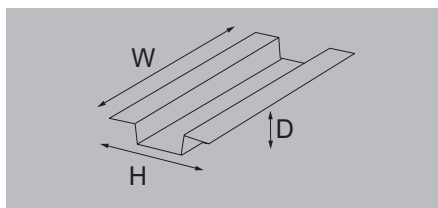
| General features | |
|---|----|
| Relay | |
| LED status display per channel | |
| LED status of the supply voltage | |
| Nominal output data | |
| Contact material | |
| Operative voltage | |
| Max. AC continuous current | |
| Minimum contact current | |
| Minimum contact voltage | |
| Mechanical service life (dc coil) | |
| Mechanical service life (ac coil) | |
| Operating temperature | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN 50178) | |
| Rated input insulation voltage | |
| Rated output insulation voltage | |
| Overvoltage category input/output | |
| Overvoltage category input/output | |
| Pollution severity level | |
| Impulse voltage test (1.2/50µs) | |
| Insulation test voltage | |
| Clearance input/output | |
| Dimensions | |
| Clamping range, min. [Field]/ Clamping range, max. [Field] | |
| Clamping range, min. [supply]/Clamping range, max. [supply] | |
| Mounting rail | |
| Height / Depth | mm |
| Height / Depth (RCL) | mm |
| Height / Depth (BASE) | mm |
| Note | |
|  | |

| 1 changeover | |
|---|--|
| RCL (standard) / RCI (test button) | |
| Green | |
| Yellow | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 6 A | |
| 100 mA | |
| 5 V DC | |
| 30 x 10 ⁶ / 10 x 10 ⁶ (RCL) switchings | |
| 10 x 10 ⁶ / 5 x 10 ⁶ (RCL) switching cycles | |
| -25...+50 °C | |
| -40...+60 °C | |
| CE, EAC | |
| < 50 V AC | |
| 250 V AC | |
| III | |
| II | |
| 2 | |
| 6 kV | |
| 1.2 kV AC | |
| ≥ 5,5 mm | |
| Screw connection | PUSH IN |
| 0.13 mm ² / 6 mm ² | 0.12 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.12 mm ² / 2.5 mm ² |
| TS 32 / TS 35 | TS 32 / TS 35 |
| 87 x 66 | 87 x 66 |
| 87 x 77 | 87 x 77 |
| 87 x 53 | 87 x 51 |
| Electromechanical relays: 12 V DC: Spare relay RCL314012 8693240000; 24 V DC: Spare relay RCL314024 8693260000; 24 V AC/DC: Spare relay RCL314024 8693260000; 48 V DC: Spare relay RCL31404 8693380000; 115 V AC/DC: Spare relay RT314110 4058500000; 230 V AC: Spare relay RCL314730 8693320000. Solid-state relays: SSR 24 V DC/0-24 V DC 3.5 A 1132310000; SSR 24 V DC/max. 240 V AC 1 A 113229000. RCI relay: Spare relay RCI374024 8869960000 | |

| 2 changeover | |
|---|--|
| RCL (standard) / RCI (test button) | |
| Green | |
| Yellow | |
| CE | |
| AgNi 90/10 | |
| 250 V AC | |
| 5 A | |
| 100 mA | |
| 5 V DC | |
| 30 x 10 ⁶ / 10 x 10 ⁶ (RCL) switchings | |
| 5 x 10 ⁶ switching cycles | |
| -25...+50 °C | |
| -40...+60 °C | |
| CE, EAC | |
| < 50 V AC | |
| 250 V AC | |
| III | |
| III | |
| 2 | |
| 6 kV | |
| 1.2 kV AC | |
| ≥ 5.5 mm | |
| Screw connection | Tension clamp |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| TS 32 / TS 35 | TS 32 / TS 35 |
| 109 x 71 | 109 x 66 |
| 109 x 75 | 109 x 75 |
| Electromechanical relays: 12 V DC: Spare relay RCL424012 4058560000; 24 V DC: Spare relay RCL424024 4058570000; 24 V AC/DC: Spare relay RCL424024 4058570000; 48 V DC: Spare relay RCL424048 4058750000; 115 V AC/DC: Spare relay RCL424110 4058590000; 230 V AC: Spare relay RCL424730 4058630000; RCI relay: Spare relay RCI484024 8870030000 | |

RSM multiple relay modules - Interfaces with 12,5 mm relays (RCL)

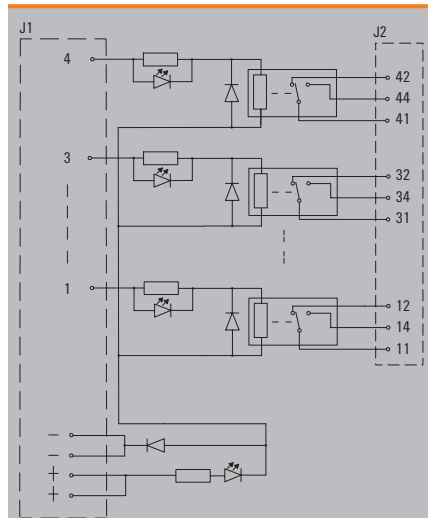
4 Relays - Screw/PUSH IN/Tension clamp



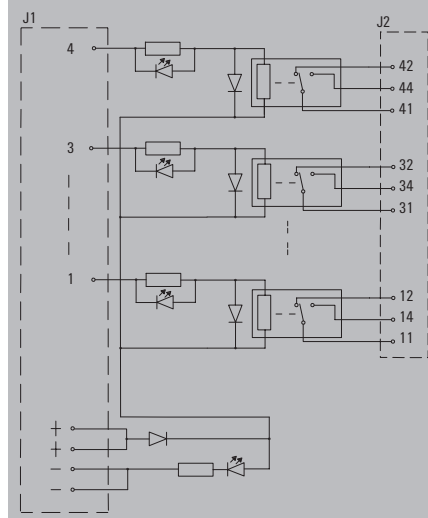
Technical data

| | |
|-----------------------------|-----------------------------|
| Connection control side | Screw/Tension clamp/PUSH IN |
| Connection field side (1CO) | Screw/PUSH IN |
| Connection field side (2CO) | Screw/Tension clamp |
| Width | 69 mm (1CO) / 75 mm (2CO) |
| 12 V DC | |
| Operating voltage | 12 V DC $\pm 10\%$ |
| Rated current (dc) | 33 mA |
| Free wheel diode | Yes |
| 24 V DC | |
| Operating voltage | 24 V DC $\pm 10\%$ |
| Rated current (dc) | 16.7 mA |
| Free wheel diode | Yes |
| 24 V AC/DC | |
| Operating voltage | 24 V AC/DC $\pm 10\%$ |
| Rated current (dc) | 22.9 mA |
| Rated current (ac) | 13.9 mA |
| Free wheel diode | No |
| 48 V DC | |
| Operating voltage | 48 V DC $\pm 10\%$ |
| Rated current (dc) | 8.7 mA |
| Free wheel diode | Yes |
| 115 V AC/DC | |
| Operating voltage | 115 V AC/DC $\pm 10\%$ |
| Rated current (dc) | 4.8 mA |
| Rated current (ac) | 3.3 mA |
| Free wheel diode | No |
| 230 V AC | |
| Operating voltage | 230 V AC $\pm 10\%$ |
| Rated current (ac) | 3.3 mA |
| Free wheel diode | No |
| Note | |

| | |
|--------------------|------------------------|
| Operating voltage | 12 V DC $\pm 10\%$ |
| Rated current (dc) | 33 mA |
| Free wheel diode | Yes |
| Operating voltage | 24 V DC $\pm 10\%$ |
| Rated current (dc) | 16.7 mA |
| Free wheel diode | Yes |
| Operating voltage | 24 V AC/DC $\pm 10\%$ |
| Rated current (dc) | 22.9 mA |
| Rated current (ac) | 13.9 mA |
| Free wheel diode | No |
| Operating voltage | 48 V DC $\pm 10\%$ |
| Rated current (dc) | 8.7 mA |
| Free wheel diode | Yes |
| Operating voltage | 115 V AC/DC $\pm 10\%$ |
| Rated current (dc) | 4.8 mA |
| Rated current (ac) | 3.3 mA |
| Free wheel diode | No |
| Operating voltage | 230 V AC $\pm 10\%$ |
| Rated current (ac) | 3.3 mA |
| Free wheel diode | No |
| Note | |



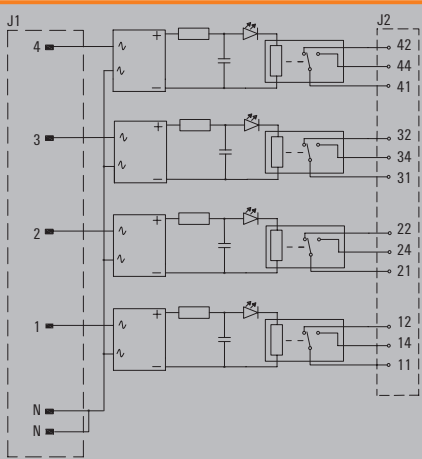
RSM-4 12 V+/24 V+/48 V+ 1CO
RSM-4I 24 V+
RSM-4 24 V+ BASE



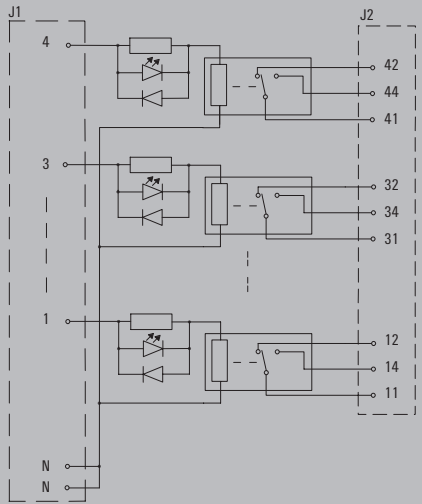
RSM-4 12 V-/24 V-/48 V- 1CO

Ordering data

| 12 V DC | Type | Screw (S) 1CO | PUSH IN (Z) 1CO | Screw (S) 2CO | Tension clamp (Z) 2CO |
|---|-----------------|------------------|--------------------|------------------|--------------------------|
| 12 V DC positive switching (negative common) | RSM-4 12V+ | 1447400000 | 1447420000 | 1448610000 | 1448630000 |
| 12 V DC negative switching (positive common) | RSM-4 12V- | 1447410000 | 1447430000 | 1448620000 | 1448640000 |
| 24 V DC | | | | | |
| 24 V DC positive switching (negative common) | RSM-4 24V+ | 1447440000 | 1447470000 | 1448650000 | 1448680000 |
| 24 V DC negative switching (positive common) | RSM-4 24V- | 1447450000 | 1447480000 | 1448670000 | 1448690000 |
| 24 V DC positive switching (negative common) with test button | RSM-4I 24V+ | 1447740000 | 1447750000 | 1448820000 | 1448830000 |
| 24 V DC positive switching (negative common) without relays | RSM-4 24V+ BASE | 1457430000 | 1457440000 | | |
| 24 V AC/DC | | | | | |
| 24 V AC/DC | RSM-4 24VAC/DC | 1447540000 | 1447550000 | 1448740000 | 1448770000 |
| 48 V DC | | | | | |
| 48 V DC positive switching (negative common) | RSM-4 48V+ | 1447500000 | 1447520000 | 1448700000 | 1448720000 |
| 48 V DC negative switching (positive common) | RSM-4 48V- | 1447510000 | 1447530000 | 1448710000 | 1448730000 |
| 115 V AC/DC | | | | | |
| 115 VAC/DC | RSM-4 115VAC/DC | 1447570000 | 1447580000 | 1448780000 | 1448790000 |
| 230 V AC | | | | | |
| 230 V AC | RSM-4 230Vac | 1447600000 | 1447610000 | 1448800000 | 1448810000 |
| Note | | | | | |

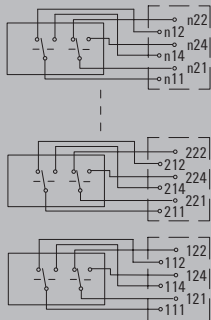


RSM-4 24 V AC/DC 1CO
RSM-4 115 V AC/DC 1CO



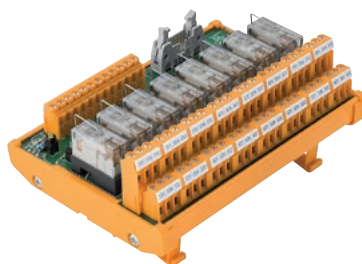
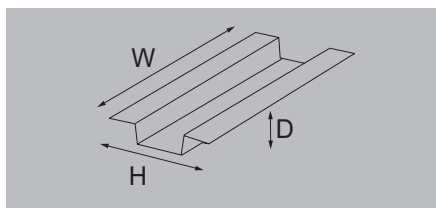
RSM-4 230 V AC 1CO

Note: Contact configuration for 2 changeover versions (2CO)



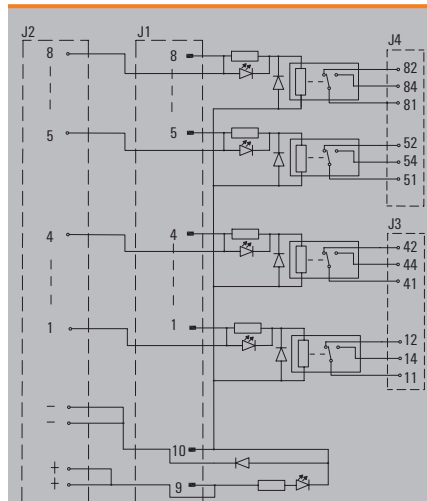
RSM multiple relay modules – Interfaces with 12,5 mm relays (RCL)

8 Relays – Screw/PUSH IN/Tension clamp

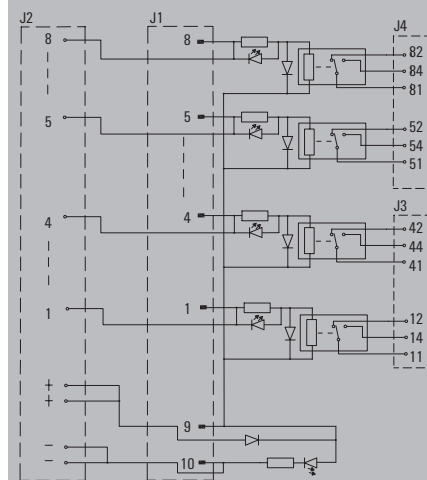


Technical data

| | |
|-----------------------------|--|
| Connection control side | Flat connector ¹⁾ 10 poles + Screw/ Tension clamp/PUSH IN |
| Connection field side (1CO) | Screw/PUSH IN |
| Connection field side (2CO) | Screw/Tension clamp |
| Width | 130 mm (1CO) / 149 mm (2CO) |
| 12 V DC | |
| Operating voltage | 12 V DC ±10 % |
| Rated current (dc) | 33 mA |
| Free wheel diode | Yes |
| 24 V DC | |
| Operating voltage | 24 V DC ±10 % |
| Rated current (dc) | 16.7 mA |
| Free wheel diode | Yes |
| 24 V AC/DC | |
| Operating voltage | 24 V AC/DC ±10 % |
| Rated current (dc) | 22.9 mA |
| Rated current (ac) | 13.9 mA |
| Free wheel diode | No |
| 48 V DC | |
| Operating voltage | 48 V DC ±10 % |
| Rated current (dc) | 8.7 mA |
| Free wheel diode | Yes |
| 115 V AC/DC | |
| Operating voltage | 115 V AC/DC ±10 % |
| Rated current (dc) | 4.8 mA |
| Rated current (ac) | 3.3 mA |
| Free wheel diode | No |
| 230 V AC | |
| Operating voltage | 230 V AC ±10 % |
| Rated current (ac) | 3.3 mA |
| Free wheel diode | No |
| Note | 1) Flat connector not mounted in 115 V AC/DC and 230 V AC |



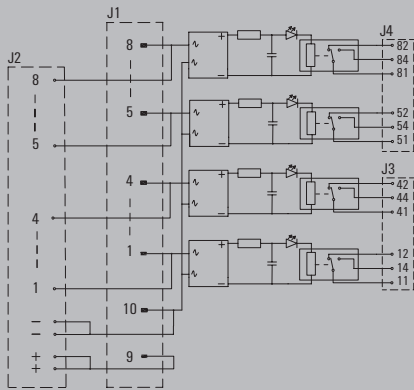
RSM-8 12 V+/24 V+/48 V+ 1CO
RSM-8 24 V+
RSM-8 24 V+ BASE



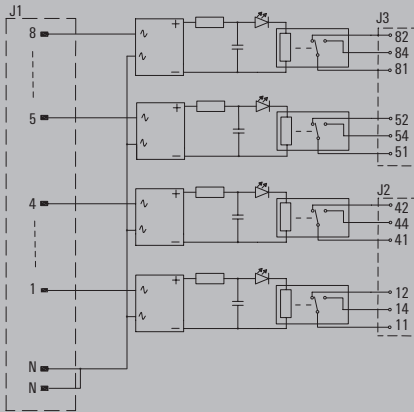
RSM-8 12 V-/24 V-/48 V- 1CO

Ordering data

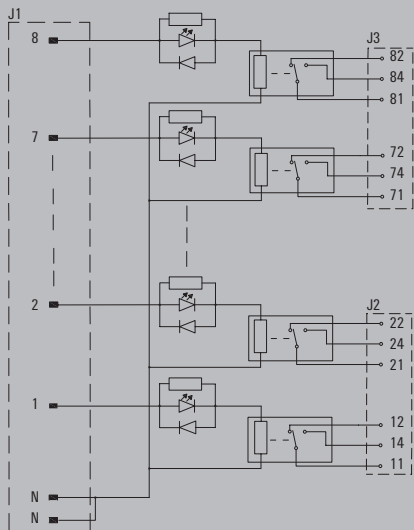
| 12 V DC | Type | Screw (S) 1CO | PUSH IN (Z) 1CO | Screw (S) 2CO | Tension clamp (Z) 2CO |
|---|-----------------|------------------|--------------------|------------------|--------------------------|
| 12 V DC positive switching (negative common) | RSM-8 12V+ | 1447820000 | 1447840000 | 1448890000 | 1448910000 |
| 12 V DC negative switching (positive common) | RSM-8 12V- | 1447830000 | 1447850000 | 1448900000 | 1448920000 |
| 24 V DC | | | | | |
| 24 V DC positive switching (negative common) | RSM-8 24V+ | 1447870000 | 1447890000 | 1448930000 | 1448950000 |
| 24 V DC negative switching (positive common) | RSM-8 24V- | 1447880000 | 1447900000 | 1448940000 | 1448970000 |
| 24 V DC positive switching (negative common) with test button | RSM-8 24V+ | 1448140000 | 1448170000 | 1449100000 | 1449110000 |
| 24 V DC positive switching (negative common) without relays | RSM-8 24V+ BASE | 1457370000 | 1457380000 | | |
| 24 V AC/DC | | | | | |
| 24 V AC/DC | RSM-8 24VAC/DC | 1447950000 | 1447970000 | 1449030000 | 1449040000 |
| 48 V DC | | | | | |
| 48 V DC positive switching (negative common) | RSM-8 48V+ | 1447910000 | 1447930000 | 1448980000 | 1449010000 |
| 48 V DC negative switching (positive common) | RSM-8 48V- | 1447920000 | 1447940000 | 1448990000 | 1449020000 |
| 115 V AC/DC | | | | | |
| 115 VAC/DC | RSM-8 115VAC/DC | 1447980000 | 1447990000 | 1449050000 | 1449070000 |
| 230 V AC | | | | | |
| 230 V AC | RSM-8 230Vac | 1448000000 | 1448010000 | 1449080000 | 1449090000 |
| Note | | | | | |



RSM-8 24 V AC/DC 1CO

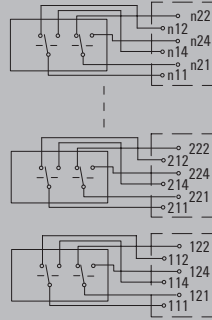


RSM-8 115 V AC/DC 1CO



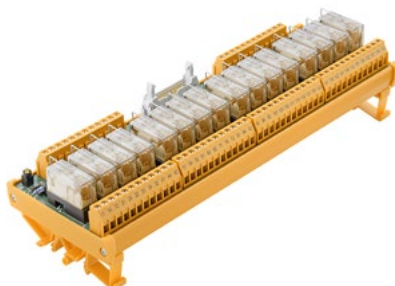
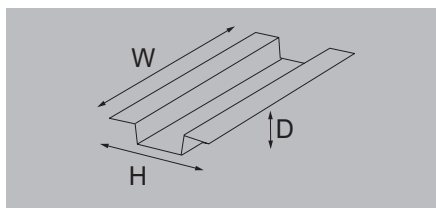
RSM-8 230 V AC 1CO

Note: Contact configuration for 2 changeover versions (2CO)



RSM multiple relay modules – Interfaces with 12,5 mm relays (RCL)

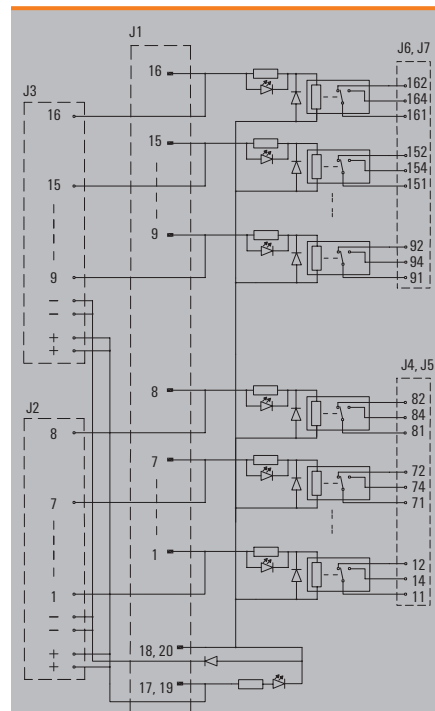
16 Relays – Screw/PUSH IN/Tension clamp



Technical data

| | |
|-----------------------------|---|
| Connection control side | |
| Connection field side (1CO) | |
| Connection field side (2CO) | |
| Width | |
| 12 V DC | |
| Operating voltage | 12 V DC ±10 % |
| Rated current (dc) | 33 mA |
| Free wheel diode | Yes |
| 24 V DC | |
| Operating voltage | 24 V DC ±10 % |
| Rated current (dc) | 16.7 mA |
| Free wheel diode | Yes |
| 24 V AC/DC | |
| Operating voltage | 24 V AC/DC ±10 % |
| Rated current (dc) | 22.9 mA |
| Rated current (ac) | 13.9 mA |
| Free wheel diode | No |
| 48 V DC | |
| Operating voltage | 48 V DC ±10 % |
| Rated current (dc) | 8.7 mA |
| Free wheel diode | Yes |
| 115 V AC/DC | |
| Operating voltage | 115 V AC/DC ±10 % |
| Rated current (dc) | 4.8 mA |
| Rated current (ac) | 3.3 mA |
| Free wheel diode | No |
| 230 V AC | |
| Operating voltage | 230 V AC ±10 % |
| Rated current (ac) | 3.3 mA |
| Free wheel diode | No |
| Note | 1) Flat connector not mounted in 115 V AC/DC and 230 V AC |

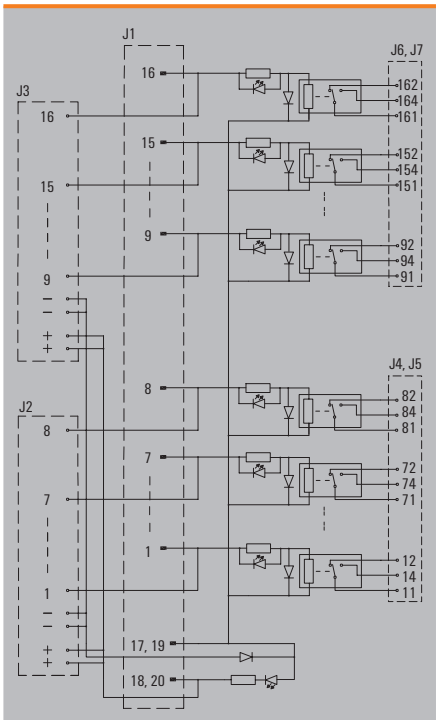
| | |
|--|--|
| Flat connector ¹⁾ 20 poles + Screw/ Tension clamp/PUSH IN | |
| Screw/PUSH IN | |
| Screw/Tension clamp | |
| 259 mm (1CO) / 290 mm (2CO) | |



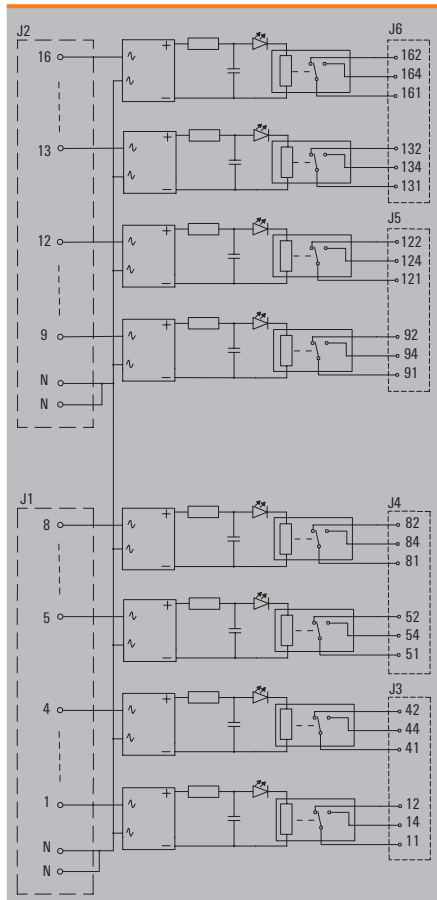
RSM-16 12 V+/24 V+/48 V+ 1CO
 RSM-16I 12 V+/24 V+/48 V+ 1CO
 RSM-16 24 V+ BASE

Ordering data

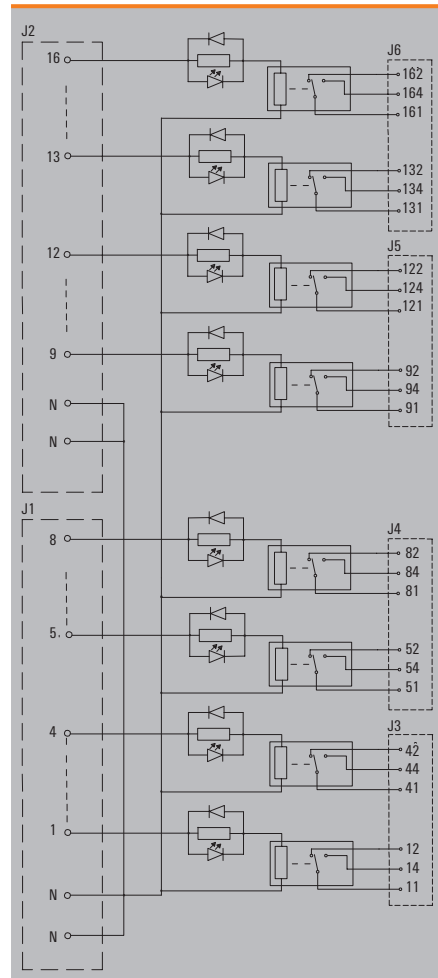
| 12 V DC | Type | Screw (S) 1CO | PUSH IN (Z) 1CO | Screw (S) 2CO | Tension clamp (Z) 2CO |
|---|------------------|------------------|--------------------|------------------|--------------------------|
| 12 V DC positive switching (negative common) | RSM-16 12V+ | 1448230000 | 1448250000 | 1449170000 | 1449190000 |
| 12 V DC negative switching (positive common) | RSM-16 12V- | 1448240000 | 1448270000 | 1449180000 | 1449200000 |
| 24 V DC | | | | | |
| 24 V DC positive switching (negative common) | RSM-16 24V+ | 1448280000 | 1448300000 | 1449210000 | 1449230000 |
| 24 V DC negative switching (positive common) | RSM-16 24V- | 1448290000 | 1448310000 | 1449220000 | 1449250000 |
| 24 V DC positive switching (negative common) with test button | RSM-16I 24V+ | 1448540000 | 1448550000 | 1449380000 | 1449390000 |
| 24 V DC positive switching (negative common) without relays | RSM-16 24V+ BASE | 1448480000 | 1448490000 | | |
| 24 V AC/DC | | | | | |
| 24 V AC/DC | RSM-16 24VAC/DC | 1448370000 | 1448380000 | 1449310000 | 1449320000 |
| 48 V DC | | | | | |
| 48 V DC positive switching (negative common) | RSM-16 48V+ | 1448320000 | 1448340000 | 1449270000 | 1449290000 |
| 48 V DC negative switching (positive common) | RSM-16 48V- | 1448330000 | 1448350000 | 1449280000 | 1449300000 |
| 115 V AC/DC | | | | | |
| 115 VAC/DC | RSM-16 115VAC/DC | 1448390000 | 1448400000 | 1449330000 | 1449340000 |
| 230 V AC | | | | | |
| 230 V AC | RSM-16 230Vac | 1448410000 | 1448420000 | 1449350000 | 1449370000 |



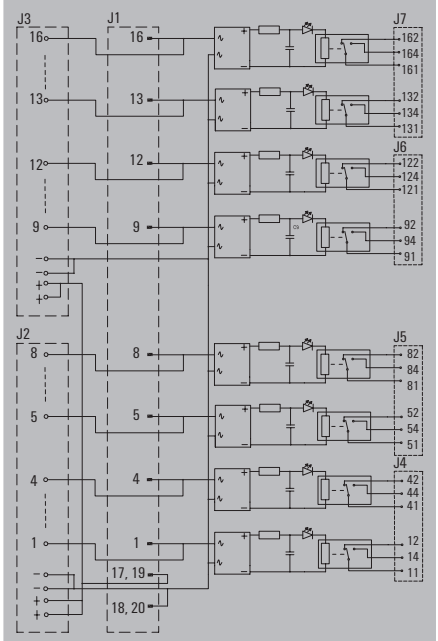
RSM-16 12 V-24 V-48 V-1C0



RSM-16 115 V AC/DC 1C0

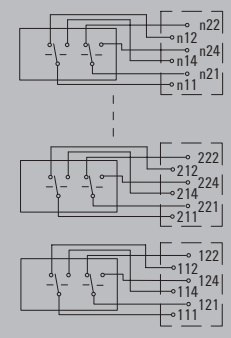


RSM-16 230 V AC 1C0



RSM-16 24 V AC/DC 1C0

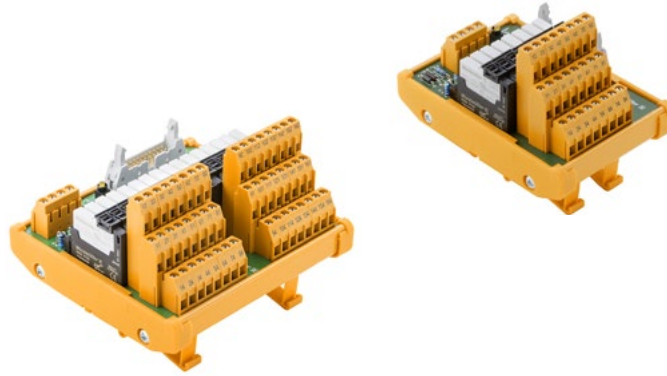
Note: Contact configuration for 2 changeover versions (2C0)



RSMS 1CO – Relay interface

1 changeover

- Interface from 8 to 16 electromechanical relays
- 1 changeover
- Positive or negative switching or ac/dc
- Flat-connector available to make easy the connection to PLC'S
- Compatible with solid-state relays
- With optional gold contact relay
- Screw and tension clamp



General technical data

General features

Relay
LED status display per channel
LED status of the supply voltage

Nominal output data

Contact material
Operative voltage
Max. AC continuous current
Minimum contact current standard / Gold
Minimum contact voltage standard / Gold
Mechanical service life (dc coil)
Operating temperature
Storage temperature

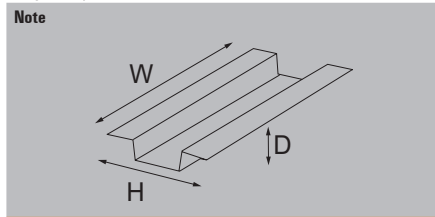
Insulation coordination (EN 50178)

Rated input insulation voltage
Rated output insulation voltage
Overvoltage category input/output
Overvoltage category output/input
Pollution severity level
Impulse voltage test (1.2/50µs)
Insulation test voltage
Clearance input/output

Dimensions

Clamping range, min. [Field]/ Clamping range, max. [Field]
Clamping range, min. [supply]/Clamping range, max. [supply]
Mounting rail
Height / Depth

mm



General features

RSS relay
Green
Yellow

Nominal output data

AgNi 90/10 / AgNi 5µAu
250 V AC
4.5 A
100 mA / 1 mA
5 V / 1 V
5 x 10⁶ Switching cycles
-25...+50 °C
-40...+60 °C

Insulation coordination (EN 50178)

< 50 V AC
250 V AC
III
II
2
6 kV
1.2 kV AC
≥ 5,5 mm

Screw connection Tension clamp

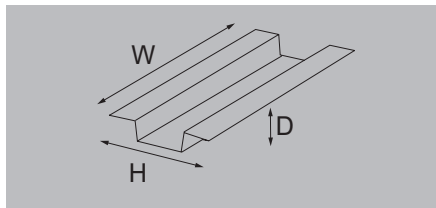
| | |
|--|--|
| 0.13 mm ² / 6 mm ² | 0.13 mm ² / 2.5 mm ² |
| 0.13 mm ² / 6 mm ² | 0.2 mm ² / 2.5 mm ² |
| TS 32 / TS 35 | TS 32 / TS 35 |
| 109 x 85 | 109 x 76 |

Electromechanical relays:
5 V DC: Spare Relay RSS113005 4061580000;
12 V DC: Spare relay RSS113012 4061610000;
24 V DC: Spare relay RSS113024 4060120000;
24 V AC/DC: Spare relay RSS113024 4060120000;
48 V DC: Spare relay RSS113048 4061620000;
24 V DC Gold contact: Spare relay RSS112024 4061590000
Solid-state relays:
SSR 24 V DC/24 V DC 0.1 A 4061180000;
SSR 24 V DC/24 V DC 2 A 4061190000;
SSR 24 V DC/230 V AC 1 AC 4061210000.



RSMS multiple relay modules – Interfaces with 6,1 mm relays (RCL)

8-16 Relays – Screw/Tension clamp connection

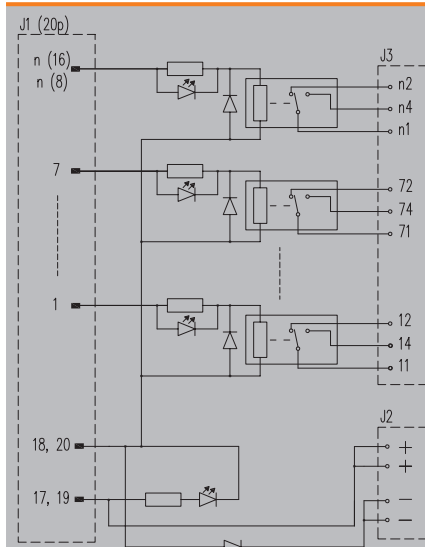


Technical data

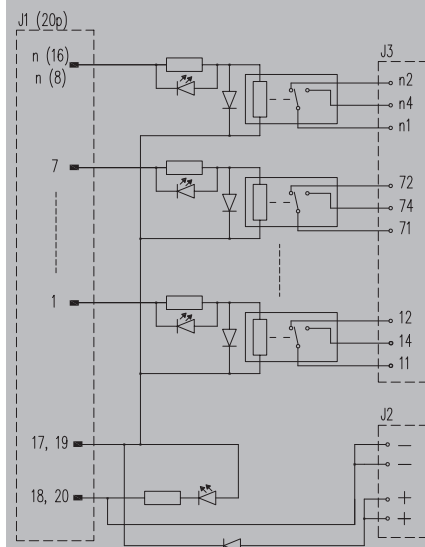
| | |
|-------------------------|-------------------------|
| Connection control side | Flat connector 20 poles |
| Connection field side | Screw/Tension clamp |
| Width (RSM-8 / RSM-16) | 61 / 112 mm |
| 24 V DC | |
| Operating voltage | 24 V DC ±10 % |
| Rated current (dc) | 7.1 mA |
| Free wheel diode | Yes |
| Note | |

Ordering data

| 24 V DC | | Type | Screw (S) | Tension clamp (Z) |
|-------------|--|-------------------|------------|-------------------|
| 8 Relays | 24 V DC positive switching (negative common) with flat connector | RSMS-8H 24V+ 1C0 | 1456540000 | 1456570000 |
| | 24 V DC negative switching (positive common) with flat connector | RSMS-8H 24V- 1C0 | 1456550000 | 1456580000 |
| 16 Relays | 24 V DC positive switching (negative common) with flat connector | RSMS-16H 24V+ 1C0 | 1457300000 | 1457320000 |
| | 24 V DC negative switching (positive common) with flat connector | RSMS-16H 24V- 1C0 | 1457310000 | 1457330000 |
| Note | | | | |

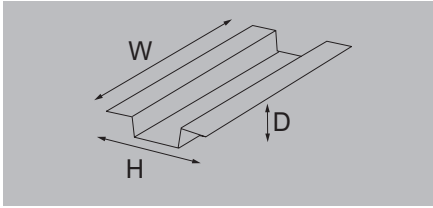


RSMS-8H 24 V+ 1C0
RSMS-16H 24 V+ 1C0



RSMS-8H 24 V- 1C0
RSMS-16H 24 V- 1C0

8-16 Relays – Screw/Tension clamp connection



Technical data

Connection control side
 Connection field side
 Width (8 relays) / Length (16 relays)

12 V DC

Operating voltage
 Rated current (dc)
 Free wheel diode

24 V DC

Operating voltage
 Rated current (dc)
 Free wheel diode

24 V AC/DC

Operating voltage
 Rated current (dc)
 Rated current (ac)
 Free wheel diode

48 V DC

Operating voltage
 Rated current (dc)
 Free wheel diode

Note

Screw/Tension clamp
 Screw/Tension clamp
 61 / 112 mm

12 V DC ±10 %
 14.2 mA
 Yes

24 V DC ±10 %
 7.1 mA
 Yes

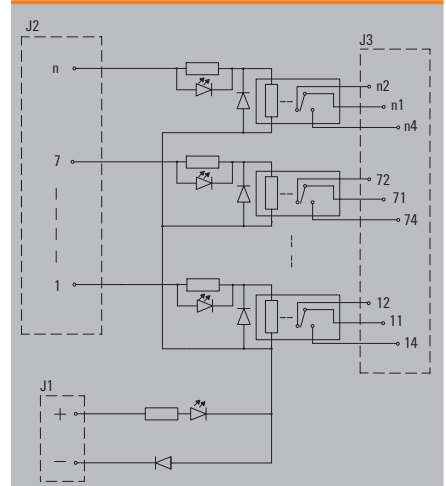
24 V AC/DC ±10 %
 6 mA
 15.6 mA
 No

48 V DC ±10 %
 4.5 mA
 Yes

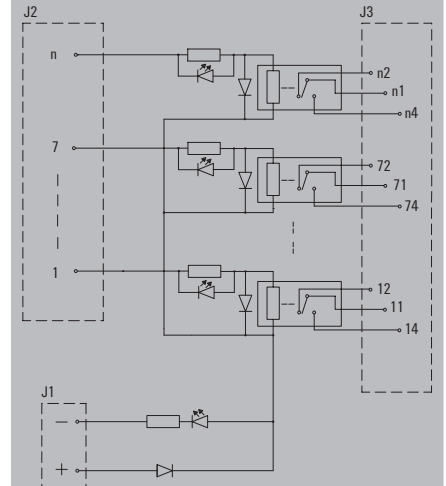
Ordering data

| 12 V DC | | Type | Screw (S) | Tension clamp (Z) |
|------------|---|----------------------|------------|-------------------|
| 8 Relays | 12 V DC positive switching (negative common) | RSMS-8 12V+ 1C0 | 1456590000 | 1456690000 |
| | 12 V DC negative switching (positive common) | RSMS-8 12V- 1C0 | 1456640000 | 1456730000 |
| 16 Relays | 12 V DC positive switching (negative common) | RSMS-16 12V+ 1C0 | 1457000000 | 1457040000 |
| | 12 V DC negative switching (positive common) | RSMS-16 12V- 1C0 | 1457000000 | 1457090000 |
| 24 V DC | | | | |
| 8 Relays | 24 V DC positive switching (negative common) | RSMS-8 24V+ 1C0 | 1456610000 | 1456700000 |
| | 24 V DC negative switching (positive common) | RSMS-8 24V- 1C0 | 1456650000 | 1456740000 |
| 16 Relays | 24 V DC positive switching (negative common) without relays | RSMS-8 24V+ BASE | 1456810000 | |
| | 24 V DC positive switching (negative common) | RSMS-16 24V+ 1C0 | 1456970000 | 1457050000 |
| | 24 V DC negative switching (positive common) | RSMS-16 24V- 1C0 | 1457010000 | 1457100000 |
| | 24 V DC positive switching (negative common) without relays | RSMS-16 24V+ BASE | 1457170000 | 1457180000 |
| 24 V AC/DC | | | | |
| 8 Relays | 24 V AC/DC | RSMS-8 24VAC/DC 1C0 | 1456830000 | |
| | 24 V AC/DC with Gold contact | RSMS-8 24VUC AU 1C0 | 1456840000 | |
| 16 Relays | 24 V AC/DC | RSMS-16 24VAC/DC 1C0 | 1457190000 | 1457210000 |
| | 24 V AC/DC with Gold contact | RSMS-16 24VUC AU 1C0 | 1457200000 | 1457220000 |
| 48 V DC | | | | |
| 8 Relays | 48 V DC positive switching (negative common) | RSMS-8 48V+ 1C0 | 1456620000 | 1456710000 |
| | 48 V DC negative switching (positive common) | RSMS-8 48V- 1C0 | 1456670000 | 1456750000 |
| 16 Relays | 48 V DC positive switching (negative common) | RSMS-16 48V+ 1C0 | 1456980000 | 1457070000 |
| | 48 V DC negative switching (positive common) | RSMS-16 48V- 1C0 | 1457020000 | 1457110000 |

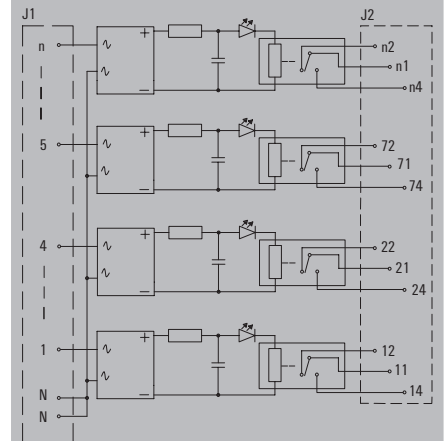
Note



RSMS-8 12 V+/24 V+/48 V+ 1C0
 RSMS-16 12 V+/24 V+/48 V+ 1C0
 RSMS-8 24 V+ BASE
 RSMS-16 24 V+ BASE



RSMS-8 12 V-/24 V-/48 V- 1C0
 RSMS-16 12 V-/24 V-/48 V- 1C0



RSMS-8 24 V AC/DC 1C0
 RSMS-16 24 V AC/DC 1C0

Faster signal wiring taking up less space

Our interface adapters for TERMSERIES relays reduce wiring times thanks to plug-and-play

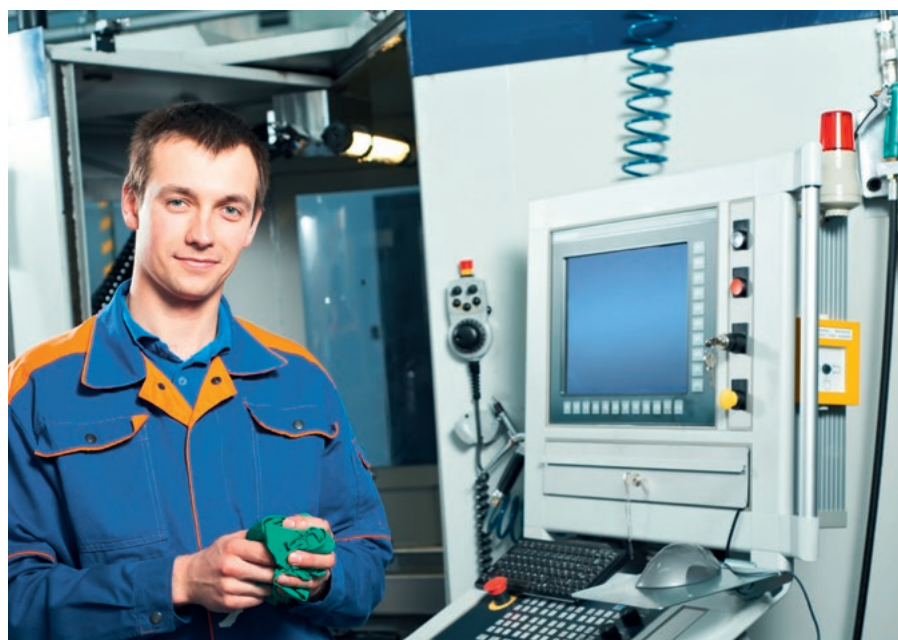
Extensive wiring complexity leads to high throughput times in electrical cabinets. Thanks to our TERMSERIES interface adapter, you benefit from the speed of our plug-and-play solution.

To reduce wiring times, pre-assembled lines are used between the controller and interface level and are simply connected to the TERMSERIES adapter. This enables electrical cabinet throughput times to be significantly reduced.

E

Our pre-assembled plug-and-play solution with TERMSERIES interface adapter minimises wiring complexity. The adapter has a universal fit and offers a genuine space advantage in conjunction with TERMSERIES products with identical contours.

Thanks to its symmetrical structure, the adapter can be connected to both TERMSERIES coil and contact connections. The use of positive and negative switching logic is also possible for the lower level with the aid of the potential changeover switch.



Configure wiring-intensive cabinets faster

Wiring complexity is especially high for electrical cabinets builders of standardised series cabinets in the field of machine construction and plant manufacture, process control technology and in shipbuilding. The wiring and throughput times of your machines can be reduced with the use of TERMSERIES interface adapters.

Connection to a variety of controllers

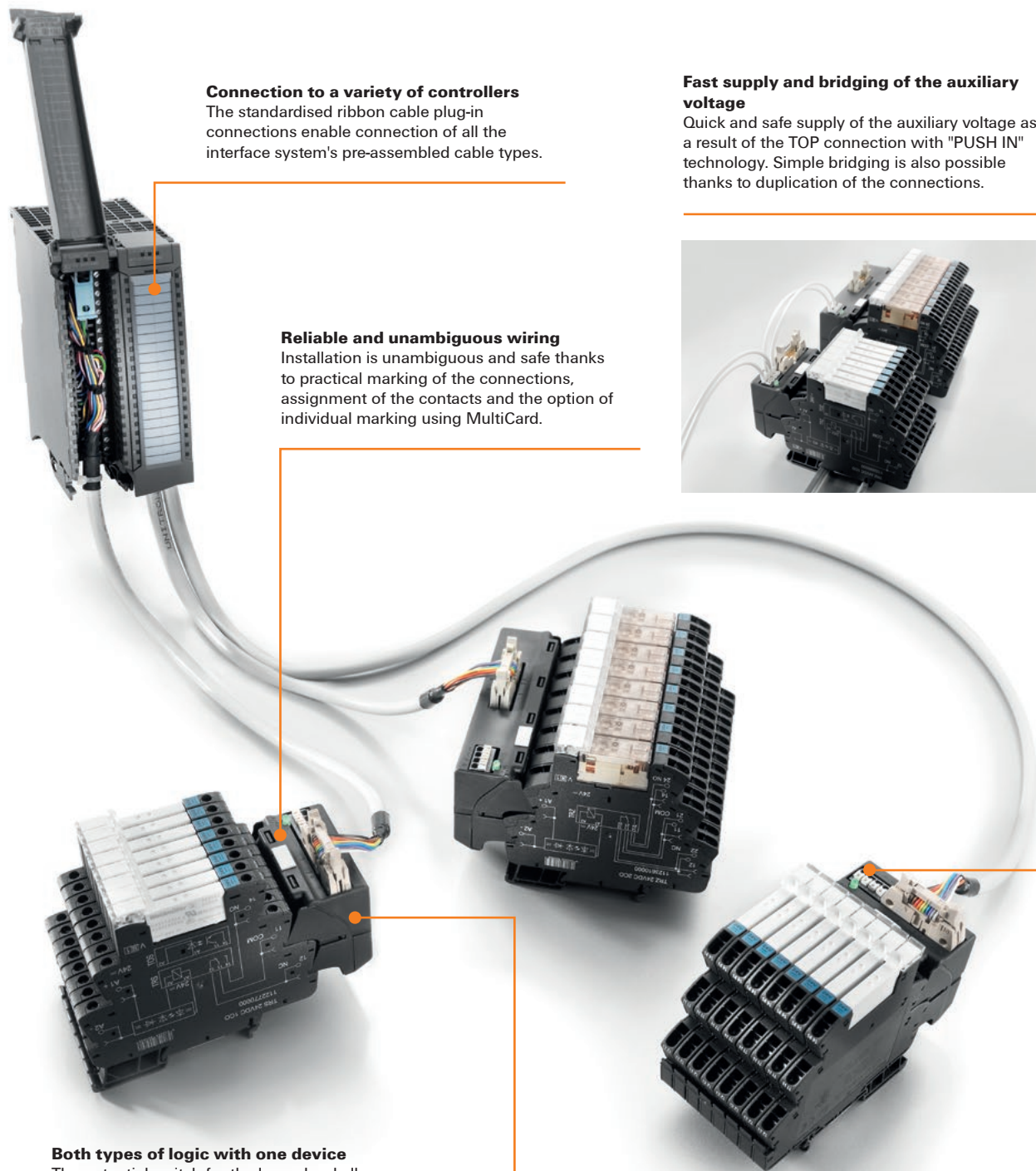
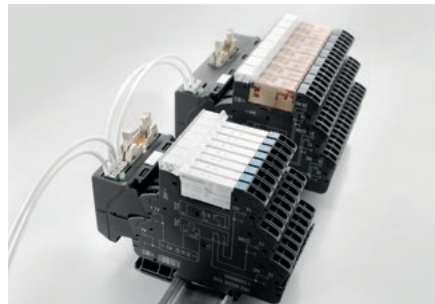
The standardised ribbon cable plug-in connections enable connection of all the interface system's pre-assembled cable types.

Fast supply and bridging of the auxiliary voltage

Quick and safe supply of the auxiliary voltage as a result of the TOP connection with "PUSH IN" technology. Simple bridging is also possible thanks to duplication of the connections.

Reliable and unambiguous wiring

Installation is unambiguous and safe thanks to practical marking of the connections, assignment of the contacts and the option of individual marking using MultiCard.



Both types of logic with one device

The potential switch for the lower level allows the adapter for plus and minus switching logic to be used.

Connection with our remote I/O system u-remote

Use our perfectly matched cable harness for connecting our u-remote DI/DO sub assemblies and TERMSERIES relays.



PLC interface selection tables

The following Selection guides enable you to quickly and easily choose the correct products according to your application needs

Choose the PLC Card:

In the same row you can find the number of cable required, the TERMSERIES adapter and the TERMSERIES relays to make the connection with the selected PLC Card.

3 options are possible:

- 8 channels with TERMSERIES 6.4 mm
- 8 channels with TERMSERIES 12.8 mm
- 16 channels with TERMSERIES 6.4 mm

Note: Technical information about TERMSERIES Adapter and relays can be found in Weimüller Catalogue 4.2 Relays and solid-state relays

PLC ABB S800

8-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|----|--------------------|-------------------------|------------|------|------------------|--------------------|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | DI810 | 16 DI ^{B)} | 1512410xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | DI814 | 16 DI ^{A)} | 1512410xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | DI830 | 16 DI ^{B)} | 1512410xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | DI840 | 16 DI ^{B)} | 1512410xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | DI880 | 16 DI ^{B)} | 1512410xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| DO | DO810 | 16 DO ^{A)} | 1512410xxx | 1 | | | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | DO814 | 16 DO ^{B)} | 1512410xxx | 1 | | | 1463520000 | 2 | 1122780000 1122890000 | 16 | 1463540000 | 2 | 1123500000 1123620000 | 16 |
| | DO815 | 8 DO ^{A)} | 1512390xxx | 1 | | | 1463520000 | 1 | 1122770000 2618000000 | 8 | 1463540000 | 1 | 1123490000 2618400000 | 8 |
| | DO840 | 16 DO ^{A)} | 1512410xxx | 1 | | | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | DO880 | 16 DO ^{A)} | 1512410xxx | 1 | | | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC ABB S800

16-channel solution









| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|--------------------|-------------------------|------------|------|------------------|--------------------|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | DI810 | 16 DI ^{B)} | 7789641xxx | 1 | | | 1463550000 | 1 | 1123000000 2618110000 | 16 |
| | DI814 | 16 DI ^{A)} | 7789641xxx | 1 | | | 1463550000 | 1 | 1123000000 2618110000 | 16 |
| | DI830 | 16 DI ^{B)} | 7789641xxx | 1 | | | 1463550000 | 1 | 1123000000 2618110000 | 16 |
| | DI840 | 16 DI ^{B)} | 7789641xxx | 1 | | | 1463550000 | 1 | 1123000000 2618110000 | 16 |
| | DI880 | 16 DI ^{B)} | 7789641xxx | 1 | | | 1463550000 | 1 | 1123000000 2618110000 | 16 |
| DO | DO810 | 16 DO ^{A)} | 7789641xxx | 1 | | | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | DO814 | 16 DO ^{B)} | 7789641xxx | 1 | | | 1463550000 | 1 | 1122780000 1122890000 | 16 |
| | DO840 | 16 DO ^{A)} | 7789641xxx | 1 | | | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | DO880 | 16 DO ^{A)} | 7789641xxx | 1 | | | 1463550000 | 1 | 1122770000 2618000000 | 16 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC EMERSON DELTA V

8-channel solution









| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|----|--------------------|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | VE4001S2T2B4 | 32 DI ^{A)} | 1349730xxx | 4 |  |  | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | VE4001S2T2B5 | 32 DI ^{A)} | 1512370xxx | 2 |  |  | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| DO | VE4002S1T2B5 | 32 DO ^{A)} | 134973xxx | 4 |  |  | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |
| | VE4002S1T2B6 | 32 DO ^{A)} | 1512370xxx | 2 |  |  | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |

Note
A) The TERMSERIES adapter switch, should be positioned on the "A" side.
B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC EMERSON DELTA V

16-channel solution





































| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|--------------------|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | VE4001S2T2B4 | 32 DI ^{A)} | 7789100xxx | 2 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| | VE4001S2T2B5 | 32 DI ^{A)} | 7789301xxx | 2 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| DO | VE4002S1T2B5 | 32 DO ^{A)} | 7789100xxx | 2 |  |  | 1463550000 | 2 | 1122770000 2618000000 | 32 |
| | VE4002S1T2B6 | 32 DO ^{A)} | 7789301xxx | 2 |  |  | 1463550000 | 2 | 1122770000 2618000000 | 32 |

Note
A) The TERMSERIES adapter switch, should be positioned on the "A" side.
B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC GE FANUC RX3I

8-channel solution































| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|-------------|--------------------|--|-----------------------------|------------|---|---|---|------------|------------------------------------|------------|--------------------|------------|-------------------------------|------------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | TERMSERIES adapter (Relay 12.8 mm) | | | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | IC694MDL241 | 16 DI, DC positive logic ^{B)} | 2680860xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | | 16 DI, DC negative logic ^{A)} | 2680870xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | IC694MDL634 | 8 DI, positive logic ^{B)} | 2680890xxx | 1 |  |  | 1463520000 | 1 | 1123000000 | 8 | 1463540000 | 1 | 1123730000 | 8 |
| | | 8 DI, negative logic ^{A)} | 2680900xxx | 1 |  |  | 1463520000 | 1 | 1123000000 | 8 | 1463540000 | 1 | 1123730000 | 8 |
| | IC694MDL645 | 16 DI, positive logic ^{B)} | 2680860xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | | 16 DI, negative logic ^{A)} | 2680870xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | IC694MDL646 | 16 DI, positive logic ^{B)} | 2680860xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | | 16 DI, negative logic ^{A)} | 2680870xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | IC694MDL655 | 32 DI, positive logic ^{B)} | 1511540xxx | 2 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 |
| | | 32 DI, negative logic ^{A)} | 1511570xxx | 2 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 |
| | IC694MDL660 | 32 DI, positive logic ^{B)} | 1511840xxx | 1 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 |
| | DO | IC694MDL732 | 8 DO, 24 V DC ^{A)} | 2680910xxx | 1 |  |  | 1463520000 | 1 | 1122770000 | 8 | 1463540000 | 1 | 1123490000 |
| IC694MDL740 | | 16 DO, 24 V DC ^{A)} | 2680880xxx | 1 |  |  | 1463520000 | 2 | 1122770000 | 16 | 1463540000 | 2 | 1123490000 | 16 |
| IC694MDL741 | | 16 DO, 24 V DC ^{B)} | 2680880xxx | 1 |  |  | 1463520000 | 2 | 1122780000 | 16 | 1463540000 | 2 | 1123500000 | 16 |
| IC694MDL742 | | 16 DO, 24 V DC ^{A)} | 2680880xxx | 1 |  |  | 1463520000 | 2 | 1122770000 | 16 | 1463540000 | 2 | 1123490000 | 16 |
| IC694MDL752 | | 32 DO, 24 V DC ^{B)} | 1511620xxx | 2 |  |  | 1463520000 | 4 | 1122780000 | 32 | 1463540000 | 4 | 1123500000 | 32 |
| IC694MDL753 | | 32 DO, 24 V DC ^{A)} | 1511620xxx | 2 |  |  | 1463520000 | 4 | 1122770000 | 32 | 1463540000 | 4 | 1123490000 | 32 |
| IC694MDL754 | | 32 DO, 24 V DC ^{A)} | 1512670xxx | 1 |  |  | 1463520000 | 4 | 1122770000 | 32 | 1463540000 | 4 | 1123490000 | 32 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC GE FANUC RX3I

16-channel solution













| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|-------------|--------------------|--|------------------------------|------------|---|---|---|------------|-------------------------------|------------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | IC694MDL241 | 16 DI, DC positive logic ^{B)} | 2680630xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DI, DC negative logic ^{A)} | 2680680xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | IC694MDL645 | 16 DI, positive logic ^{B)} | 2680630xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DI, negative logic ^{A)} | 2680680xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | IC694MDL646 | 16 DI, positive logic ^{B)} | 2680630xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DI, negative logic ^{A)} | 2680680xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | IC694MDL655 | 32 DI, positive logic ^{B)} | 7789066xxx | 2 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DI, negative logic ^{A)} | 2680680xxx | 2 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | IC694MDL660 | 32 DI, positive logic ^{B)} | 7789619xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | DO | IC694MDL740 | 16 DO, 24 V DC ^{A)} | 2680640xxx | 1 |  |  | 1463550000 | 1 | 1122770000 |
| IC694MDL741 | | 16 DO, 24 V DC ^{B)} | 2680640xxx | 1 |  |  | 1463550000 | 1 | 1122780000 | 16 |
| IC694MDL742 | | 16 DO, 24 V DC ^{A)} | 2680640xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| IC694MDL752 | | 32 DO, 24 V DC ^{B)} | 7789066xxx | 1 |  |  | 1463550000 | 2 | 1122780000 | 32 |
| IC694MDL753 | | 32 DO, 24 V DC ^{A)} | 7789066xxx | 1 |  |  | 1463550000 | 2 | 1122770000 | 32 |
| IC694MDL754 | | 32 DO, 24 V DC ^{A)} | 7789618xxx | 1 |  |  | 1463550000 | 2 | 1122770000 | 32 |

Note A) The TERMSERIES adapter switch, should be positioned on the "N" side.
 B) The TERMSERIES adapter switch, should be positioned on the "N+" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC HONEYWELL C200

8-channel solution













| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|----|-------------------------|-------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | TC-IDX161/ TK-IDX161 | 16 DI ^{B)} | 1511990xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | TC-IDJ161/ TK-IDJ161 | 16 DI ^{B)} | 1511990xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | TC-IDD321/ TK-IDD321 | 32 DI ^{B)} | 1512010xxx | 1 |  |  | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| DO | TC-ODX161/ TK-ODX161 | 16 DO ^{A)} | 1512030xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | TC-ODJ161/ TK-ODJ161 | 16 DO ^{A)} | 1512070xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | TC-ODD321/ TK-ODD321 | 32 DO ^{A)} | 1512020xxx | 1 |  |  | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "+" side.
 B) The TERMSERIES adapter switch, should be positioned on the "+-" side.

- The adapters should receive power from an external supply
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC HONEYWELL C200

16-channel solution









| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|-------------------------|-------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | TC-IDX161/ TK-IDX161 | 16 DI ^{B)} | 7789049xxx | 1 |  |  | 1463550000 | 1 | 1123000000 2618110000 | 16 |
| | TC-IDJ161/ TK-IDJ161 | 16 DI ^{B)} | 7789049xxx | 1 |  |  | 1463550000 | 1 | 1123000000 2618110000 | 16 |
| | TC-IDD321/ TK-IDD321 | 32 DI ^{B)} | 7789041xxx | 1 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| DO | TC-ODX161/ TK-ODX161 | 16 DO ^{A)} | 7789040xxx | 1 |  |  | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | TC-ODJ161/ TK-ODJ161 | 16 DO ^{A)} | 7789059xxx | 1 |  |  | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | TC-ODD321/ TK-ODD321 | 32 DO ^{A)} | 7789042xxx | 1 |  |  | 1463550000 | 2 | 1122770000 2618000000 | 32 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "+" side.
 B) The TERMSERIES adapter switch, should be positioned on the "+-" side.

- The adapters should receive power from an external supply
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC HONEYWELL C300

8-channel solution









| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|----|--------------------|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | CC-TDIL01 | 32 DI, 24 Vdc ^{B)} | 2065090xxx | 2 |  |  | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | CC-TDIL11 | 32 DI, 24 Vdc ^{B)} | 2065090xxx | 2 |  |  | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| DO | CC-TDOB01 | 32 DO, 24 Vdc ^{A)} | 2065080xxx | 2 |  |  | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |
| | CC-TDOB11 | 32 DO, 24 Vdc ^{A)} | 2065080xxx | 2 |  |  | 1463520000 | 4 | 1122780000 1122890000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |

Note
A) The TERMSERIES adapter switch, should be positioned on the "+" side.
B) The TERMSERIES adapter switch, should be positioned on the "+" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are 24 V DC for the digital input cards. These relays can be replaced by MICROSERIES relays with other voltages, from 5 V DC to 230 V DC.
- The TIAL has a LED for supply indication. The LED is not relevant in this application for the operation.

PLC HONEYWELL C300

16-channel solution









| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|--------------------|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | CC-TDIL01 | 32 DI, 24 Vdc ^{B)} | 2421450xxx | 2 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| | CC-TDIL11 | 32 DI, 24 Vdc ^{B)} | 2421450xxx | 2 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| DO | CC-TDOB01 | 32 DO, 24 Vdc ^{A)} | 2421440xxx | 2 |  |  | 1463550000 | 2 | 1122770000 2618000000 | 32 |
| | CC-TDOB11 | 32 DO, 24 Vdc ^{A)} | 2421440xxx | 2 |  |  | 1463550000 | 2 | 1122780000 1122890000 | 32 |

Note
A) The TERMSERIES adapter switch, should be positioned on the "+" side.
B) The TERMSERIES adapter switch, should be positioned on the "+" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are 24 V DC for the digital input cards. These relays can be replaced by MICROSERIES relays with other voltages, from 5 V DC to 230 V DC.
- The TIAL has a LED for supply indication. The LED is not relevant in this application for the operation.

PLC HONEYWELL C300

8-channel solution (Sub-d connector)

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|--------------------|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | CC-TDIL01 | 32 DI, 24 Vdc ^{B)} | 2065110xxx | 2 |  |  | 1463530000 | 4 | 1123000000 | 32 |
| | CC-TDIL11 | 32 DI, 24 Vdc ^{B)} | 2065110xxx | 2 |  |  | 1463530000 | 4 | 1123000000 2618110000 | |
| DO | CC-TDOB01 | 32 DO, 24 Vdc ^{A)} | 2065100xxx | 2 |  |  | 1463530000 | 4 | 1122770000 | 32 |
| | CC-TDOB11 | 32 DO, 24 Vdc ^{A)} | 2065100xxx | 2 |  |  | 1463530000 | 4 | 1122780000 1122890000 | |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "N" side.
 B) The TERMSERIES adapter switch, should be positioned on the "L" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are 24 V DC for the digital input cards. These relays can be replaced by MICROSERIES relays with other voltages, from 5 V DC to 230 V DC.
- The TIAL has a LED for supply indication. The LED is not relevant in this application for the operation.

PLC MITSUBISHI MELSEC Q

8-channel solution







































| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|-------|--------------------|-----------------------------|------------|------|------------------|--------------------|-----------------------------------|------|------------------------------------|------|--------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | TERMSERIES adapter (Relay 12.8 mm) | | | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | QX40 | 16 DI ^{A)} | 1349730xxx | 2 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | QX40-S1 | 16 DI ^{A)} | 1349730xxx | 2 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | QX41 | 32 DI ^{A)} | 1512290xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | QX41-S1 | 32 DI ^{A)} | 1512290xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | QX42 | 64 DI ^{A)} | 1512290xxx | 2 | | | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 64 |
| | QX42-S1 | 64 DI ^{A)} | 1512290xxx | 2 | | | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 64 |
| | QX80 | 16 DI ^{B)} | 1349730xxx | 2 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | QX81 | 32 DI ^{B)} | 1512320xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | QX82 | 64 DI ^{B)} | 1512330xxx | 2 | | | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 64 |
| | QX82-S1 | 64 DI ^{B)} | 1512330xxx | 2 | | | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 64 |
| DO | QY40P | 16 DO ^{B)} | 1349730xxx | 2 | | | 1463520000 | 2 | 1122780000 1122890000 | 16 | 1463540000 | 2 | 1123500000 1123620000 | 16 |
| | QY41P | 32 DO ^{B)} | 1512310xxx | 1 | | | 1463520000 | 4 | 1122780000 1122890000 | 32 | 1463540000 | 4 | 1123500000 1123620000 | 32 |
| | QY42P | 64 DO ^{B)} | 1512310xxx | 2 | | | 1463520000 | 8 | 1122780000 1122890000 | 64 | 1463540000 | 8 | 1123500000 1123620000 | 64 |
| | QY50 | 16 DO ^{B)} | 1349730xxx | 2 | | | 1463520000 | 2 | 1122780000 1122890000 | 16 | 1463540000 | 2 | 1123500000 1123620000 | 16 |
| | QY80 | 16 DO ^{A)} | 1349730xxx | 2 | | | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| DI/DO | QH42P | 32 DI ^{A)} | 1512290xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | | 32 DO ^{B)} | 1512310xxx | 1 | | | 1463520000 | 4 | 1122780000 1122890000 | 32 | 1463540000 | 4 | 1123500000 1123620000 | 32 |
| | QX41Y41P | 32 DI ^{A)} | 1512290xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | | 32 DO ^{B)} | 1512290xxx | 1 | | | 1463520000 | 4 | 1122780000 1122890000 | 32 | 1463540000 | 4 | 1123500000 1123620000 | 32 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.
- The use of cables longer than 20 m is not recommended for this application.

PLC MITSUBISHI MELSEC Q

16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|-------|--------------------|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | QX40 | 16 DI ^{A)} | 7789100xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | QX40-S1 | 16 DI ^{A)} | 7789100xxx | 1 |  |  | 1463550000 | 1 | 2618110000 | 16 |
| | QX41 | 32 DI ^{A)} | 7789681xxx | 2 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | QX41-S1 | 32 DI ^{A)} | 7789681xxx | 2 |  |  | 1463550000 | 2 | 2618110000 | 32 |
| | QX42 | 64 DI ^{A)} | 7789681xxx | 4 |  |  | 1463550000 | 4 | 1123000000 | 64 |
| | QX42-S1 | 64 DI ^{A)} | 7789681xxx | 4 |  |  | 1463550000 | 4 | 2618110000 | 64 |
| | QX80 | 16 DI ^{B)} | 7789100xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | QX81 | 32 DI ^{B)} | 1512340xxx | 1 |  |  | 1463550000 | 2 | 2618110000 | 32 |
| | QX82 | 64 DI ^{B)} | 7789683xxx | 4 |  |  | 1463550000 | 4 | 1123000000 | 64 |
| | QX82-S1 | 64 DI ^{B)} | 7789683xxx | 4 |  |  | 1463550000 | 4 | 2618110000 | 64 |
| DO | QY40P | 16 DO ^{B)} | 7789100xxx | 1 |  |  | 1463550000 | 1 | 1122780000 | 16 |
| | QY41P | 32 DO ^{B)} | 7789708xxx | 2 |  |  | 1463550000 | 2 | 1122890000 | 32 |
| | QY42P | 64 DO ^{B)} | 7789708xxx | 4 |  |  | 1463550000 | 4 | 1122780000 | 64 |
| | QY50 | 16 DO ^{B)} | 7789100xxx | 2 |  |  | 1463550000 | 1 | 1122890000 | 16 |
| | QY80 | 16 DO ^{A)} | 7789100xxx | 2 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| DI/DO | QH42P | 32 DI ^{A)} | 7789681xxx | 2 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DO ^{B)} | 7789708xxx | 2 |  |  | 1463550000 | 2 | 2618110000 | 32 |
| | QX41Y41P | 32 DI ^{A)} | 7789681xxx | 2 |  |  | 1463550000 | 2 | 1122780000 | 32 |
| | | 32 DO ^{B)} | 7789708xxx | 2 |  |  | 1463550000 | 2 | 2618110000 | 32 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.
- The use of cables longer than 20 m is not recommended for this application.

PLC OMRON CJ1W

8-channel solution































| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|-------|-------------------------------------|-------------------------------------|------------|------|------------------|--------------------|-----------------------------------|--------------------------|------------------------------------|------------|--------------------|--------------------------|-------------------------------|----|
| | Input/Output cards | | Standard | | Screw connection | PUSH IN connection | TERMSERIES adapter (Relay 6.4 mm) | | TERMSERIES adapter (Relay 12.8 mm) | | TERMSERIES adapter | | TERMSERIES adapter | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | | | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | | |
| DI | ID211 | 16 DI, positive logic ^{B)} | 1511070xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | | 16 DI, negative logic ^{A)} | 1511090xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | ID212 | 16 DI, positive logic ^{B)} | 1511070xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | | 16 DI, negative logic ^{A)} | 1511090xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | ID231 | 32 DI, positive logic ^{B)} | 1511270xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | | 32 DI, negative logic ^{A)} | 1511290xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | ID232 | 32 DI, positive logic ^{B)} | 1511320xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | | 32 DI, negative logic ^{A)} | 1511330xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | ID233 | 32 DI, positive logic ^{B)} | 1511320xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | | 32 DI, negative logic ^{A)} | 1511330xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | ID261 | 64 DI, positive logic ^{B)} | 1511270xxx | 2 | | | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 64 |
| | | 64 DI, negative logic ^{A)} | 1511290xxx | 2 | | | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 64 |
| ID262 | 64 DI, positive logic ^{B)} | 1511320xxx | 2 | | | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 64 | |
| | 64 DI, negative logic ^{A)} | 1511330xxx | 2 | | | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 64 | |
| DO | OD201 | 8 DO ^{B)} | 1511390xxx | 1 | | | 1463520000 | 1 | 1122780000 1122890000 | 8 | 1463540000 | 1 | 1123500000 1123620000 | 8 |
| | OD202 | 8 DO ^{A)} | 1511390xxx | 1 | | | 1463520000 | 1 | 1122770000 2618000000 | 8 | 1463540000 | 1 | 1123490000 2618400000 | 8 |
| | OD203 | 8 DO ^{B)} | 1511420xxx | 1 | | | 1463520000 | 1 | 1122780000 1122890000 | 8 | 1463540000 | 1 | 1123500000 1123620000 | 8 |
| | OD204 | 8 DO ^{A)} | 1511420xxx | 1 | | | 1463520000 | 1 | 1122770000 2618000000 | 8 | 1463540000 | 1 | 1123490000 2618400000 | 8 |
| | OD211 | 16 DO ^{B)} | 1511120xxx | 1 | | | 1463520000 | 2 | 1122780000 1122890000 | 16 | 1463540000 | 2 | 1123500000 1123620000 | 16 |
| | OD212 | 16 DO ^{A)} | 1511120xxx | 1 | | | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | OD213 | 16 DO ^{B)} | 1511120xxx | 1 | | | 1463520000 | 2 | 1122780000 1122890000 | 16 | 1463540000 | 2 | 1123500000 1123620000 | 16 |
| | OD231 | 32 DO ^{B)} | 1511340xxx | 1 | | | 1463520000 | 4 | 1122780000 1122890000 | 32 | 1463540000 | 4 | 1123500000 1123620000 | 32 |
| | OD232 | 32 DO ^{A)} | 1511370xxx | 1 | | | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |
| | OD233 | 32 DO ^{B)} | 1511370xxx | 1 | | | 1463520000 | 4 | 1122780000 1122890000 | 32 | 1463540000 | 4 | 1123500000 1123620000 | 32 |
| | OD234 | 32 DO ^{B)} | 1511370xxx | 1 | | | 1463520000 | 4 | 1122780000 1122890000 | 32 | 1463540000 | 4 | 1123500000 1123620000 | 32 |
| | OD261 | 64 DO ^{B)} | 1511340xxx | 2 | | | 1463520000 | 8 | 1122780000 1122890000 | 64 | 1463540000 | 8 | 1123500000 1123620000 | 64 |
| | OD262 | 64 DO ^{A)} | 1511370xxx | 2 | | | 1463520000 | 8 | 1122770000 2618000000 | 64 | 1463540000 | 8 | 1123490000 2618400000 | 64 |
| | OD263 | 64 DO ^{B)} | 1511370xxx | 2 | | | 1463520000 | 8 | 1122780000 1122890000 | 64 | 1463540000 | 8 | 1123500000 1123620000 | 64 |

Note
A) The TERMSERIES adapter switch, should be positioned on the "N" side.
B) The TERMSERIES adapter switch, should be positioned on the "N+" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC OMRON CJ1W

8-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|-------|-------------------------------------|-------------------------------------|------------|---|---|---|-----------------------------------|------------|-------------------------------|------------|------------------------------------|------------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI/DO | MD231 | 16 DI, positive logic ^{B)} | 1511130xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | | | | | | | | 2618110000 | | 2618530000 | | | | |
| | | 16 DI, negative logic ^{A)} | 1511140xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | | | | | | | | | 2618110000 | | 2618530000 | | | |
| | | 16 DO ^{B)} | 1511170xxx | 1 |  |  | 1463520000 | 2 | 1122780000 | 16 | 1463540000 | 2 | 1123500000 | 16 |
| | | | | | | | | | 1122890000 | | 1123620000 | | | |
| | MD232 | 16 DI, positive logic ^{B)} | 1511190xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | | | | | | | | | 2618110000 | | 2618530000 | | | |
| | | 16 DI, negative logic ^{A)} | 1511220xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | | | | | | | | | 2618110000 | | 2618530000 | | | |
| | | 16 DO ^{A)} | 1511240xxx | 1 |  |  | 1463520000 | 2 | 1122770000 | 16 | 1463540000 | 2 | 1123490000 | 16 |
| | | | | | | | | | 2618000000 | | 2618400000 | | | |
| | MD233 | 16 DI, positive logic ^{B)} | 1511190xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | | | | | | | | | 2618110000 | | 2618530000 | | | |
| | | 16 DI, negative logic ^{A)} | 1511220xxx | 1 |  |  | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 |
| | | | | | | | | | 2618110000 | | 2618530000 | | | |
| | | 16 DO ^{B)} | 1511230xxx | 1 |  |  | 1463520000 | 2 | 1122780000 | 16 | 1463540000 | 2 | 1123500000 | 16 |
| | | | | | | | | | 1122890000 | | 1123620000 | | | |
| MD261 | 32 DI, positive logic ^{B)} | 1511270xxx | 1 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 | |
| | | | | | | | | 2618110000 | | 2618530000 | | | | |
| | 32 DI, negative logic ^{A)} | 1511290xxx | 1 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 | |
| | | | | | | | | 2618110000 | | 2618530000 | | | | |
| | 32 DO ^{B)} | 1511340xxx | 1 |  |  | 1463520000 | 4 | 1122780000 | 32 | 1463540000 | 4 | 1123500000 | 32 | |
| | | | | | | | | 1122890000 | | 1123620000 | | | | |
| MD263 | 32 DI, positive logic ^{B)} | 1511320xxx | 1 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 | |
| | | | | | | | | 2618110000 | | 2618530000 | | | | |
| | 32 DI, negative logic ^{A)} | 1511330xxx | 1 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 | |
| | | | | | | | | 2618110000 | | 2618530000 | | | | |
| | 32 DO ^{B)} | 1511370xxx | 1 |  |  | 1463520000 | 4 | 1122780000 | 32 | 1463540000 | 4 | 1123500000 | 32 | |
| | | | | | | | | 1122890000 | | 1123620000 | | | | |

















































Note A) The TERMSERIES adapter switch, should be positioned on the "N" side.
 B) The TERMSERIES adapter switch, should be positioned on the "N+" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.



PLC OMRON CJ1W

16-channel solution































| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|------------|-------------------------------------|-------------------------------------|------------|---|---|---|-----------------------------------|------------|-------------------------------|----|
| | Input/Output cards | | Standard | | Screw connection | PUSH IN connection | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | Order No. | Qty. | Order No. | Qty. | | |
| DI | ID211 | 16 DI, positive logic ^{B)} | 7789645xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DI, negative logic ^{A)} | 7789833xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | ID212 | 16 DI, positive logic ^{B)} | 7789645xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DI, negative logic ^{A)} | 7789833xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | ID231 | 32 DI, positive logic ^{B)} | 7789771xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DI, negative logic ^{A)} | 7789768xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | ID232 | 32 DI, positive logic ^{B)} | 7789772xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DI, negative logic ^{A)} | 7789767xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | ID233 | 32 DI, positive logic ^{B)} | 7789772xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DI, negative logic ^{A)} | 7789767xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | ID261 | 64 DI, positive logic ^{B)} | 7789771xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 |
| | | 64 DI, negative logic ^{A)} | 7789768xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 |
| ID262 | 64 DI, positive logic ^{B)} | 7789772xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 | |
| | 64 DI, negative logic ^{A)} | 7789767xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 | |
| DO | OD211 | 16 DO ^{B)} | 7789794xxx | 1 |  |  | 1463550000 | 1 | 1122780000 | 16 |
| | OD212 | 16 DO ^{A)} | 7789794xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | | | | | | | | | 2618000000 | |
| | OD213 | 16 DO ^{B)} | 7789794xxx | 1 |  |  | 1463550000 | 1 | 1122780000 | 16 |
| | | | | | | | | | 1122890000 | |
| | OD231 | 32 DO ^{B)} | 7789793xxx | 1 |  |  | 1463550000 | 2 | 1122780000 | 32 |
| | | | | | | | | | 1122890000 | |
| | OD232 | 32 DO ^{A)} | 7789373xxx | 1 |  |  | 1463550000 | 2 | 1122770000 | 32 |
| | | | | | | | | | 2618000000 | |
| | OD233 | 32 DO ^{B)} | 7789373xxx | 1 |  |  | 1463550000 | 2 | 1122780000 | 32 |
| 1122890000 | | | | | | | | | | |
| OD234 | 32 DO ^{B)} | 7789373xxx | 1 |  |  | 1463550000 | 2 | 1122780000 | 32 | |
| | | | | | | | | 1122890000 | | |
| OD261 | 64 DO ^{B)} | 7789793xxx | 2 |  |  | 1463550000 | 4 | 1122780000 | 64 | |
| | | | | | | | | 1122890000 | | |
| OD262 | 64 DO ^{A)} | 7789373xxx | 1 |  |  | 1463550000 | 4 | 1122770000 | 64 | |
| | | | | | | | | 2618000000 | | |
| OD263 | 64 DO ^{B)} | 7789373xxx | 1 |  |  | 1463550000 | 4 | 1122780000 | 64 | |
| | | | | | | | | 1122890000 | | |

Note
A) The TERMSERIES adapter switch, should be positioned on the "N" side.
B) The TERMSERIES adapter switch, should be positioned on the "N+" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC OMRON CJ1W

16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|-------|--------------------|-------------------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|----|
| | Input/Output cards | | Standard | | Screw connection | PUSH IN connection | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | Order No. | Qty. | Order No. | Qty. | | |
| DI/DO | MD231 | 16 DI, positive logic ^{B)} | 1511430xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DI, negative logic ^{A)} | 1511440xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DO ^{B)} | 1511470xxx | 1 |  |  | 1463550000 | 1 | 1122780000 | 16 |
| | MD232 | 16 DI, positive logic ^{B)} | 7789328xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DI, negative logic ^{A)} | 7789329xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DO ^{A)} | 7789329xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | MD233 | 16 DI, positive logic ^{B)} | 7789328xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DI, negative logic ^{A)} | 7789329xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DO ^{B)} | 7789329xxx | 1 |  |  | 1463550000 | 1 | 1122780000 | 16 |
| | MD261 | 32 DI, positive logic ^{B)} | 7789771xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DI, negative logic ^{A)} | 7789768xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DO ^{B)} | 7789793xxx | 1 |  |  | 1463550000 | 2 | 1122780000 | 32 |
| | MD263 | 32 DI, positive logic ^{B)} | 7789772xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DI, negative logic ^{A)} | 7789767xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DO ^{B)} | 7789373xxx | 1 |  |  | 1463550000 | 2 | 1122780000 | 32 |

Note A) The TERMSERIES adapter switch, should be positioned on the "N" side.
 B) The TERMSERIES adapter switch, should be positioned on the "N+" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.



PLC ROCKWELL COMPACT LOGIX

8-channel solution





























| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | | |
|------------|---------------------|-------------------------------------|---------------------|------------|------------------|--------------------|-----------------------------------|------------|-------------------------------|------------|------------------------------------|------------|-------------------------------|------------|----|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | |
| DI | 1769-IQ16 | 16 DI, positive logic ^{B)} | 1511730xxx | 1 | | | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 | |
| | | 16 DI, negative logic ^{A)} | 1511740xxx | 1 | | | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 | |
| | 1769-IQ16F | 16 DI, positive logic ^{B)} | 1511730xxx | 1 | | | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 | |
| | | 16 DI, negative logic ^{A)} | 1511740xxx | 1 | | | 1463520000 | 2 | 1123000000 | 16 | 1463540000 | 2 | 1123730000 | 16 | |
| | 1769-IQ32 | 32 DI, positive logic ^{B)} | 1511730xxx | 1 | | | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 | |
| | | 32 DI, positive logic ^{B)} | 1511770xxx | 1 | | | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 | |
| | | 32 DI, negative logic ^{A)} | 1511820xxx | 1 | | | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 | |
| | 1769-IQ32T | 32 DI, positive logic ^{B)} | 1511890xxx | 1 | | | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 | |
| | | 32 DI, negative logic ^{A)} | 1511910xxx | 1 | | | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 | |
| | DO | 1769-OB8 | 8 DO ^{A)} | 1511930xxx | 1 | | | 1463520000 | 1 | 1122770000 | 8 | 1463540000 | 1 | 1123490000 | 8 |
| | | 1769-OB16 | 16 DO ^{A)} | 1511830xxx | 1 | | | 1463520000 | 2 | 1122770000 | 16 | 1463540000 | 2 | 1123490000 | 16 |
| | | | | 2618000000 | 16 | 1463540000 | 2 | 1123490000 | 16 | | | | | | |
| 1769-OB16P | | 16 DO ^{A)} | 1511830xxx | 1 | | | 1463520000 | 2 | 1122770000 | 16 | 1463540000 | 2 | 1123490000 | 16 | |
| | | | 2618000000 | 16 | 1463540000 | 2 | 1123490000 | 16 | | | | | | | |
| 1769-OB32 | | 32 DO ^{A)} | 1511830xxx | 1 | | | 1463520000 | 4 | 1122770000 | 32 | 1463540000 | 4 | 1123490000 | 32 | |
| | 2618000000 | | 32 | 1463540000 | 4 | 1123490000 | 32 | | | | | | | | |
| 1769-OB32T | 32 DO ^{A)} | 1511920xxx | 1 | | | 1463520000 | 4 | 1122770000 | 32 | 1463540000 | 4 | 1123490000 | 32 | | |
| 1769-OV16 | 16 DO ^{B)} | 1511830xxx | 1 | | | 1463520000 | 4 | 1122780000 | 32 | 1463540000 | 4 | 1123500000 | 32 | | |
| | | | | | | 1122890000 | 32 | 1463540000 | 4 | 1123620000 | 32 | | | | |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC ROCKWELL COMPACT LOGIX

16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | |
|------------|---------------------|-------------------------------------|---------------------|---|---|---|---|------------|-------------------------------|------------|----|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | |
| DI | 1769-IQ16 | 16 DI, positive logic ^{B)} | 7789770xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | | 16 DI, negative logic ^{A)} | 7789831xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 1769-IQ16F | 16 DI, positive logic ^{B)} | 7789770xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | | 16 DI, negative logic ^{A)} | 7789831xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 1769-IQ32 | 32 DI, positive logic ^{B)} | 7789770xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 | |
| | | 32 DI, negative logic ^{A)} | 7789831xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 | |
| | 1769-IQ32T | 32 DI, positive logic ^{B)} | 1489160xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 | |
| | | 32 DI, negative logic ^{A)} | 1489180xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 | |
| | DO | 1769-OB16 | 16 DO ^{A)} | 7789769xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | | 1769-OB16P | 16 DO ^{A)} | 7789769xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| 1769-OB32 | | 32 DO ^{A)} | 7789769xxx | 1 |  |  | 1463550000 | 2 | 1122770000 | 32 | |
| | | | 7789697xxx | 1 |  |  | 1463550000 | 2 | 1122770000 | 32 | |
| 1769-OB32T | | 32 DO ^{A)} | 1489170xxx | 1 |  |  | 1463550000 | 2 | 1122770000 | 32 | |
| 1769-OV16 | 16 DO ^{B)} | 7789769xxx | 1 |  |  | 1463550000 | 1 | 1122800000 | 16 | | |

























Note A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.



PLC ROCKWELL CONTROL LOGIX

8-channel solution





















| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|----|--------------------|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | 1756-IB16 | 16 DI ^{B)} | 1511970xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | 1756-IB16D | 16 DI ^{B)} | 1511990xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | 1756-IB16I | 16 DI ^{B)} | 1511990xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | 1756-IB32 | 32 DI ^{B)} | 1512010xxx | 1 |  |  | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| DO | 1756-OB16D | 16 DO ^{A)} | 1512030xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | 1756-OB16E | 16 DO ^{A)} | 1512040xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | 1756-OB16I | 16 DO ^{A)} | 1512070xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | 1756-OB32 | 32 DO ^{A)} | 1512020xxx | 1 |  |  | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |
| | 1756-OB8 | 8 DO ^{A)} | 1512090xxx | 1 |  |  | 1463520000 | 1 | 1122770000 2618000000 | 8 | 1463540000 | 1 | 1123490000 2618400000 | 8 |
| | 1756-OB8EI | 8 DO ^{A)} | 1512110xxx | 1 |  |  | 1463520000 | 1 | 1122770000 2618000000 | 8 | 1463540000 | 1 | 1123490000 2618400000 | 8 |
| | 1756-OV16E | 16 DO ^{B)} | 1512040xxx | 1 |  |  | 1463520000 | 2 | 1122780000 1122890000 | 16 | 1463540000 | 2 | 1123500000 1123620000 | 16 |
| | 1756-OV32E | 32 DO ^{B)} | 1512020xxx | 1 |  |  | 1463520000 | 4 | 1122780000 1122890000 | 32 | 1463540000 | 4 | 1123500000 1123620000 | 32 |

Note A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC ROCKWELL CONTROL LOGIX

16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|--------------------|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | 1756-IB16 | 16 DI ^{B)} | 7789039xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | 1756-IB16D | 16 DI ^{B)} | 7789049xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | 1756-IB16I | 16 DI ^{B)} | 7789049xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | 1756-IB32 | 32 DI ^{B)} | 7789041xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| DO | 1756-OB16D | 16 DO ^{A)} | 7789040xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | 1756-OB16E | 16 DO ^{A)} | 7789058xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | 1756-OB16I | 16 DO ^{A)} | 7789059xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | 1756-OB32 | 32 DO ^{A)} | 7789042xxx | 1 |  |  | 1463550000 | 2 | 1122770000 | 32 |
| | 1756-OV16E | 16 DO ^{B)} | 7789058xxx | 1 |  |  | 1463550000 | 1 | 1122800000 | 16 |
| | 1756-OV32E | 32 DO ^{B)} | 7789042xxx | 1 |  |  | 1463550000 | 2 | 1122800000 | 32 |



























Note
 A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.



PLC SCHNEIDER M340

8-channel solution























| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|-------|--------------------|---|------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | BMX DAI 1602 | 16 DI, DC positive logic ^{B)} | 1512120xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | | 16 DI, DC negative logic ^{A)} | 1512130xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | BMX DDI 1602 | 16 DI ^{B)} | 1512120xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | BMX DDI 3202K | 32 DI ^{B)} | 1512170xxx | 1 |  |  | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | BMX DDI 6402K | 64 DI ^{B)} | 1512170xxx | 2 |  |  | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 16 |
| DO | BMX DDO 1602 | 16 DO ^{A)} | 1512120xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | BMX DDO 1612 | 16 DO ^{B)} | 1512120xxx | 1 |  |  | 1463520000 | 2 | 1122780000 1122890000 | 16 | 1463540000 | 2 | 1123500000 1123620000 | 16 |
| | BMX DDO 3202K | 32 DO ^{A)} | 1512170xxx | 1 |  |  | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |
| | BMX DDO 6402K | 64 DO ^{A)} | 1512170xxx | 2 |  |  | 1463520000 | 8 | 1122770000 2618000000 | 64 | 1463540000 | 8 | 1123490000 2618400000 | 64 |
| DI/DO | BMX DDM 16022 | 8 DI ^{B)} | 1512140xxx | 1 |  |  | 1463520000 | 1 | 1123000000 2618110000 | 8 | 1463540000 | 1 | 1123730000 2618530000 | 8 |
| | | 8 DO ^{A)} | | |  |  | 1463520000 | 1 | 1122770000 2618000000 | 8 | 1463540000 | 1 | 1123490000 2618400000 | 8 |
| | BMX DDM 3202K | 16 DI ^{B)} | 1512170xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | | 16 DO ^{A)} | | |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |

Note A) The TERMSERIES adapter switch, should be positioned on the "H" side.
B) The TERMSERIES adapter switch, should be positioned on the "L" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC SCHNEIDER M340

16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|-------|--------------------|---|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | BMX DAI 1602 | 16 DI, DC positive logic ^{B)} | 7789380xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DI, DC negative logic ^{A)} | 7789630xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | BMX DDI 1602 | 16 DI ^{B)} | 7789380xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | BMX DDI 3202K | 32 DI ^{B)} | 7789387xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | BMX DDI 6402K | 64 DI ^{B)} | 7789387xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 |
| DO | BMX DDO 1602 | 16 DO ^{A)} | 7789380xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | BMX DDO 1612 | 16 DO ^{B)} | 7789380xxx | 1 |  |  | 1463550000 | 1 | 1122780000 | 16 |
| | BMX DDO 3202K | 32 DO ^{A)} | 7789387xxx | 1 |  |  | 1463550000 | 2 | 1122770000 | 32 |
| | BMX DDO 6402K | 64 DO ^{A)} | 7789387xxx | 2 |  |  | 1463550000 | 4 | 1122770000 | 64 |
| DI/DO | BMX DDM 3202K | 16 DI ^{B)} | 7789387xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | 16 DO ^{A)} | | |  |  | 1463550000 | 1 | 1122770000 | 16 |











Note A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.



PLC SCHNEIDER QUANTUM

16-channel solution















| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|--------------------|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | 140 DDI 353 00 | 32 DI ^{B)} | 2460880xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | 140 DDI 364 00 | 96 DI ^{B)} | 7789301xxx | 6 |  |  | 1463550000 | 6 | 1123000000 2618110000 | |
| | 140 DDI 853 00 | 32 DI ^{B)} | 2460880xxx | 1 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| DO | 140 DDO 353 00 | 32 DO ^{A)} | 2460880xxx | 1 |  |  | 1463550000 | 2 | 1122770000 2618000000 | |
| | 140 DDO 364 00 | 96 DO ^{A)} | 7789301xxx | 6 |  |  | 1463550000 | 6 | 1122770000 2618000000 | 96 |

Note A) The TERMSERIES adapter switch, should be positioned on the "L" side.
 B) The TERMSERIES adapter switch, should be positioned on the "N+" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are 24 V DC for the digital input cards. These relays can be replaced by MICROSERIES relays with other voltages, from 5 V DC to 230 V DC.

PLC SCHNEIDER TM3

16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|---------------------------------------|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | TM3DI16 / TM3DI16G | 16DI, positive logic | 2857920xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | TM3DI16K | 16DI, positive logic | 2534060xxx | 1 |  |  | 1463550000 | 1 | 1123000000 2618110000 | 16 |
| | TM3DI32K | 32DI, positive logic | 2534060xxx | 2 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| DO | TM3DQ16R / TM3DQ16RG ^{A)} | 16DO, positive logic | 2857960xxx | 1 |  |  | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | TM3DQ16T / TM3DQ16TG | 16DO | 2857970xxx | 1 |  |  | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | TM3DQ16TK | 16DO | 7789329xxx | 1 |  |  | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | TM3DQ32TK | 32DO | 7789329xxx | 2 |  |  | 1463550000 | 2 | 1122770000 2618000000 | 32 |

Note A) Only possible if configured at 24 V DC

- All interfaces which are connected with an pre-assembled cable with starting Terminal block the supply voltage has to be connected in the interface.
- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC SIEMENS S7-300

8-channel solution











































| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | | |
|--------------------|--------------------|-------------------------------------|--------------------|------------|------------------|--------------------|-----------------------------------|------------|------------------------------------|--------------------------|--------------------|------------|-------------------------------|--------------------------|---|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | TERMSERIES adapter (Relay 12.8 mm) | | | | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | |
| DI | 6ES7321-1BH00-0AA0 | 16 DI ^{B)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| | 6ES7321-1BH01-0AA0 | 16 DI ^{B)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| | 6ES7321-1BH02-0AA0 | 16 DI ^{B)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| | 6ES7321-1BH50-0AA0 | 16 DI ^{A)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| | 6ES7321-1BH80-0AA0 | 16 DI ^{B)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| | 6ES7321-1BH81-0AA0 | 16 DI ^{B)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| | 6ES7321-1BH81-0AA0 | 16 DI ^{B)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| | 6ES7321-1BL00-0AA0 | 32 DI ^{B)} | 1512640xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 | |
| | 6ES7321-1BL80-0AA0 | 32 DI ^{B)} | 1512640xxx | 1 | | | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 | |
| | 6ES7321-1BP00-0AA0 | 64 DI, positive logic ^{B)} | 1512650xxx | 2 | | | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 64 | |
| | 6ES7321-1BP00-0AA0 | 64 DI, negative logic ^{A)} | 1512680xxx | 2 | | | 1463520000 | 8 | 1123000000 2618110000 | 64 | 1463540000 | 8 | 1123730000 2618530000 | 64 | |
| | 6ES7321-7BH00-0AB0 | 16 DI ^{B)} | 1512630xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| | 6ES7321-7BH01-0AB0 | 16 DI ^{B)} | 1512630xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| | 6ES7321-7BH80-0AB0 | 16 DI ^{B)} | 1512630xxx | 1 | | | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| | DO | 6ES7322-1BF00-0AA0 | 8 DO ^{A)} | 1512600xxx | 1 | | | 1463520000 | 1 | 1122770000 2618000000 | 8 | 1463540000 | 1 | 1123490000 2618400000 | 8 |
| | | 6ES7322-1BF01-0AA0 | 8 DO ^{A)} | 1512600xxx | 1 | | | 1463520000 | 1 | 1122770000 2618000000 | 8 | 1463540000 | 1 | 1123490000 2618400000 | 8 |
| 6ES7322-1BH00-0AA0 | | 16 DO ^{A)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 | |
| 6ES7322-1BH01-0AA0 | | 16 DO ^{A)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 | |
| 6ES7322-1BH10-0AA0 | | 16 DO ^{A)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 | |
| 6ES7322-1BH81-0AA0 | | 16 DO ^{A)} | 1512620xxx | 1 | | | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 | |
| 6ES7322-1BL00-0AA0 | | 32 DO ^{A)} | 1512640xxx | 1 | | | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 | |
| 6ES7322-1BP00-0AA0 | | 64 DO ^{A)} | 1513340xxx | 2 | | | 1463520000 | 8 | 1122770000 2618000000 | 64 | 1463540000 | 8 | 1123490000 2618400000 | 64 | |
| 6ES7322-1BP50-0AA0 | | 64 DO ^{B)} | 1513340xxx | 2 | | | 1463520000 | 8 | 1122780000 1122890000 | 64 | 1463540000 | 8 | 1123500000 1123620000 | 64 | |

Note A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC SIEMENS S7-300

16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | |
|--------------------|--------------------|-------------------------------------|---------------------|------------|---|---|---|------------|-------------------------------|------------|----|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | |
| DI | 6ES7321-1BH00-0AA0 | 16 DI ^{B)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 6ES7321-1BH01-0AA0 | 16 DI ^{B)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 6ES7321-1BH02-0AA0 | 16 DI ^{B)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 6ES7321-1BH50-0AA0 | 16 DI ^{A)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 6ES7321-1BH80-0AA0 | 16 DI ^{B)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 6ES7321-1BH81-0AA0 | 16 DI ^{B)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 6ES7321-1BH82-0AA0 | 16 DI ^{B)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 6ES7321-1BL00-0AA0 | 32 DI ^{B)} | 7789236xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 | |
| | 6ES7321-1BL80-0AA0 | 32 DI ^{B)} | 7789236xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 | |
| | 6ES7321-1BP00-0AA0 | 64 DI, positive logic ^{B)} | 7789771xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 | |
| | | 64 DI, negative logic ^{A)} | 7789768xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 | |
| | 6ES7321-7BH00-0AB0 | 16 DI ^{B)} | 7789192xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 6ES7321-7BH01-0AB0 | 16 DI ^{B)} | 7789192xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | 6ES7321-7BH80-0AB0 | 16 DI ^{B)} | 7789192xxx | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | DO | 6ES7322-1BH00-0AA0 | 16 DO ^{A)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | | 6ES7322-1BH01-0AA0 | 16 DO ^{A)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| 6ES7322-1BH10-0AA0 | | 16 DO ^{A)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 | |
| 6ES7322-1BH81-0AA0 | | 16 DO ^{A)} | 7789234xxx | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 | |
| 6ES7322-1BL00-0AA0 | | 32 DO ^{A)} | 7789236xxx | 1 |  |  | 1463550000 | 2 | 1122770000 | 32 | |
| 6ES7322-1BP00-0AA0 | | 64 DO ^{A)} | 7789246xxx | 1 |  |  | 1463550000 | 4 | 1122770000 | 64 | |
| 6ES7322-1BP50-0AA0 | | 64 DO ^{B)} | 7789246xxx | 1 |  |  | 1463550000 | 4 | 1122800000 | 64 | |
| | | | | | | | | | 1122890000 | | |















Note A) The TERMSERIES adapter switch, should be positioned on the "A" side.
 B) The TERMSERIES adapter switch, should be positioned on the "B" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.



PLC SIEMENS S7-400















8-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|----|--|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | 6ES7421-1BL00-0AA0 | 32 DI ^{A)} | 1512490xxx | 1 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 |
| | 6ES7421-1BL01-0AA0 | 32 DI ^{A)} | 1512490xxx | 1 |  |  | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| DO | 6ES7422-1BH10-0AA0 | 16 DO ^{B)} | 1512510xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | 6ES7422-1BH11-0AA0 | 16 DO ^{B)} | 1512510xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | 6ES7422-1BL00-0AA0 | 32 DO ^{B)} | 1512490xxx | 1 |  |  | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |
| | 6ES7422-5EH10-0AB0 | 16 DO ^{B)} | 1512520xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | 6ES7422-7BL00-0AB0 | 32 DO ^{B)} | 1512490xxx | 1 |  |  | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |
| | Note A) The TERMSERIES adapter switch, should be positioned on the "A" side. B) The TERMSERIES adapter switch, should be positioned on the "B" side. | | | | | | | | | | | | | |

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC SIEMENS S7-400













16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|--|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | 6ES7421-1BL00-0AA0 | 32 DI ^{A)} | 7789292xxx | 1 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| | 6ES7421-1BL01-0AA0 | 32 DI ^{A)} | 7789292xxx | 1 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| DO | 6ES7422-1BH10-0AA0 | 16 DO ^{B)} | 7789291xxx | 1 |  |  | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | 6ES7422-1BH11-0AA0 | 16 DO ^{B)} | 7789291xxx | 1 |  |  | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | 6ES7422-1BL00-0AA0 | 32 DO ^{B)} | 7789292xxx | 1 |  |  | 1463550000 | 2 | 1122770000 2618000000 | 32 |
| | 6ES7422-5EH10-0AB0 | 16 DO ^{B)} | 7789291xxx | 1 |  |  | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | 6ES7422-7BL00-0AB0 | 32 DO ^{B)} | 7789292xxx | 1 |  |  | 1463550000 | 2 | 1122770000 2618000000 | 32 |
| | Note A) The TERMSERIES adapter switch, should be positioned on the "A" side. B) The TERMSERIES adapter switch, should be positioned on the "B" side. | | | | | | | | | |

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC SIEMENS S7-1500

















8-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|----|---|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | 6ES7521-1BH00-0AB0 | 16 DI ^{B)} | 1512530xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| | 6ES7521-1BL00-0AB0 6ES7521-1BL01-0AB0 | 32 DI ^{B)} | 1512590xxx | 1 |  |  | 1463520000 | 4 | 1123000000 2618110000 | 32 | 1463540000 | 4 | 1123730000 2618530000 | 32 |
| | 6ES7521-1BH50-0AA0 | 16 DI ^{A)} | 1512540xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 |
| DO | 6ES7522-1BF00-0AB0 | 8 DO ^{A)} | 1512570xxx | 1 |  |  | 1463520000 | 1 | 1122770000 2618000000 | 8 | 1463540000 | 1 | 1123490000 2618400000 | 8 |
| | 6ES7522-1BH00-0AB0 6ES7522-1BH01-0AB0 | 16 DO ^{A)} | 1512530xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 |
| | 6ES7522-1BL00-0AB0 | 32 DO ^{A)} | 1512590xxx | 1 |  |  | 1463520000 | 4 | 1122770000 2618000000 | 32 | 1463540000 | 4 | 1123490000 2618400000 | 32 |
| | Note A) The TERMSERIES adapter switch, should be positioned on the "–" side. B) The TERMSERIES adapter switch, should be positioned on the "+ " side. | | | | | | | | | | | | | |

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC SIEMENS S7-1500

















16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|---|--|-----------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | 6ES7521-1BH00-0AB0 | 16 DI ^{B)} | 1462090xxx | 1 |  |  | 1463550000 | 1 | 1123000000 2618110000 | 16 |
| | 6ES7521-1BL00-0AB0 6ES7521-1BL01-0AB0 | 32 DI ^{B)} | 1462040xxx | 1 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| | 6ES7521-1BL10-0AA0 | 32 DI | 1994500xxx | 1 |  |  | 1463550000 | 2 | 1123000000 2618110000 | 32 |
| | 6ES7521-1BH50-0AA0 | 16 DI ^{A)} | 1462100xxx | 1 |  |  | 1463550000 | 1 | 1123000000 2618110000 | 16 |
| DO | 6ES7522-1BH00-0AB0 6ES7522-1BH01-0AB0 | 16 DO ^{A)} | 1462090xxx | 1 |  |  | 1463550000 | 1 | 1122770000 2618000000 | 16 |
| | 6ES7522-1BL00-0AB0 | 32 DO ^{A)} | 1462040xxx | 1 |  |  | 1463550000 | 2 | 1122770000 2618000000 | 32 |
| | 6ES7522-1BL10-0AA0 | 32 DI | 1994500xxx | 1 |  |  | 1463550000 | 2 | 1122770000 2618000000 | 32 |
| | 6ES7522-1BL10-0AB0 | 32 DO | 1994500xxx | 1 |  |  | 1463550000 | 2 | 1122770000 2618000000 | 32 |
| Note A) The TERMSERIES adapter switch, should be positioned on the "–" side. B) The TERMSERIES adapter switch, should be positioned on the "+ " side. | | | | | | | | | | |

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC SIEMENS -ET 200SP

8-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|----|--------------------|-----------------------------|--------------------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | 6ES7131-6BF01-0AA0 | DI 8x24VDC BA | 2870170xxx ¹⁾ | 1 |  |  | 1463520000 | 1 | 1123000000 | 8 | 1463540000 | 1 | 1123730000 | 8 |
| | | | | | | | | | 2618110000 | | | | 2618530000 | |
| | 6ES7131-6BF01-0BA0 | DI 8x24VDC ST | 2870170xxx ¹⁾ | 1 |  |  | 1463520000 | 1 | 1123000000 | 8 | 1463540000 | 1 | 1123730000 | 8 |
| | | | | | | | | | 2618110000 | | | | 2618530000 | |
| DO | 6ES7131-6BF00-0CA0 | DI 08x24Vdc HF | 2870170xxx ¹⁾ | 1 |  |  | 1463520000 | 1 | 1123000000 | 8 | 1463540000 | 1 | 1123730000 | 8 |
| | | | | | | | | | 2618110000 | | | | 2618530000 | |
| | 6ES7132-6BF01-0AA0 | DQ 8x24VDC/0.5A BA | 2870170xxx ¹⁾ | 1 |  |  | 1463520000 | 1 | 1122770000 | 8 | 1463540000 | 1 | 1123490000 | 8 |
| | | | | | | | | | 2618000000 | | | | 2618400000 | |
| | 6ES7132-6BD20-0BA0 | DQ 4x24VDC/2A ST | 2870180xxx ¹⁾ | 1 |  |  | 1463520000 | 1 | 1122770000 | 4 | 1463540000 | 1 | 1123490000 | 4 |
| | | | | | | | | | 2618000000 | | | | 2618400000 | |
| DO | 6ES7132-6BF01-0BA0 | DQ 8x24VDC/0.5A ST | 2870170xxx ¹⁾ | 1 |  |  | 1463520000 | 1 | 1122770000 | 8 | 1463540000 | 1 | 1123490000 | 8 |
| | | | | | | | | | 2618000000 | | | | 2618400000 | |
| | 6ES7132-6BD20-0CA0 | DQ 4x24VDC/2A HF | 2870180xxx ¹⁾ | 1 |  |  | 1463520000 | 1 | 1122770000 | 4 | 1463540000 | 1 | 1123490000 | 4 |
| | | | | | | | | | 2618000000 | | | | 2618400000 | |
| DO | 6ES7132-6BF00-0CA0 | DQ 8x24VDC/0.5A HF | 2870170xxx ¹⁾ | 1 |  |  | 1463520000 | 1 | 1122770000 | 8 | 1463540000 | 1 | 1123490000 | 8 |
| | | | | | | | | | 2618000000 | | | | 2618400000 | |







Note 1) Starting Terminal block 6ES7193-6BP00-0DA0 included with the cable.

- All interfaces which are connected with an pre-assembled cable with starting Terminal block the supply voltage has to be connected in the interface.
- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC SIEMENS -ET 200SP

16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|--------------------|-----------------------------|--------------------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | 6ES7131-6BF01-0BA0 | DI 16x24VDC ST | 2732130xxx ¹⁾ | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| DO | 6ES7132-6BH00-0AA0 | DQ 16x24VDC/0.5A BA | 2732130xxx ¹⁾ | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | | | | | | | | | 2618000000 | |
| | 6ES7132-6BH01-0BA0 | DQ 16x24VDC/0.5A ST | 2732130xxx ¹⁾ | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | | | | | | | | | 2618000000 | |



Note 1) Starting Terminal block 6ES7193-6BP00-0DA0 included with the cable.

- All interfaces which are connected with an pre-assembled cable with starting Terminal block the supply voltage has to be connected in the interface.
- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC SIEMENS ET 200SP-HA

8-channel solution











| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|---|----------------------------------|-----------------------------|--------------------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | 6DL1131-6DF00-0PK0 ^{A)} | DI 8x24 ...125VDC HA | 2870190xxx ³⁾ | 1 |  |  | 1463520000 | 1 | 1123000000 2618110000 | 8 | 1463540000 | 1 | 1123730000 2618530000 | 8 |
| Note A) Only possible if configured at 24 V DC 3) Starting Terminal block 6DL1193-6TP00-0DK0 included with the cable | | | | | | | | | | | | | | |

- All interfaces which are connected with an pre-assembled cable with starting Terminal block the supply voltage has to be connected in the interface.
- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC SIEMENS ET 200SP-HA

16-channel solution













| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|---|---|-----------------------------|--------------------------|---|---|---|-----------------------------------|------------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | 6DL1131-6BH00-0PH1 | DI 16x24VDC (1-wire) | 2856330xxx ¹⁾ | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 |
| | | | 2765980xxx ²⁾ | | | | | | 2618110000 | |
| | 6DL1131-6BL00-0PH1 | DI 32x24VDC (1-wire) | 2856330xxx ¹⁾ | 2 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | | 2765980xxx ²⁾ | | | | | | 2618110000 | |
| 6DL1133-6EW00-0PH1 | AI-DI16/DQ16x24VDC HART (digital mode, 1-wire) | 2856330xxx ¹⁾ | 1 |  |  | 1463550000 | 1 | 1123000000 | 16 | |
| | | 2765980xxx ²⁾ | | | | | | 2618110000 | | |
| DO | 6DL1132-6BH00-0PH1 | DQ 16x24VDC/0.5A (1-wire) | 2856330xxx ¹⁾ | 1 |  |  | 1463550000 | 1 | 1122770000 | 16 |
| | | | 2765980xxx ²⁾ | | | | | | 2618000000 | |
| | 6DL1132-6BL00-0PH1 | DQ 32x24VDC/0.5A | 2856380xxx ¹⁾ | 2 |  |  | 1463550000 | 2 | 1122770000 | 32 |
| | | | 2757820xxx ²⁾ | | | | | | 2618000000 | |
| Note In the case that in the Order No. appear 2 or more part-numbers, recommendation is to use option 1) 1) Sub-D Terminal block 6DL1193-6TC00-0DH0 NOT included with the cable. Recommended cable for this card 2) Starting Terminal block 6DL1193-6TP00-0DH1 included with the cable | | | | | | | | | | |

- All interfaces which are connected with an pre-assembled cable with starting Terminal block the supply voltage has to be connected in the interface.
- Please, always take into account the characteristics of the PLC card (voltage, current...) when selecting interfaces. In some cases, the card can work at higher voltages than those indicated in the interface.
- The interfaces are intended to be used inside an IP20 enclosure at least.
- The last 3 digits of the cable code indicate its length in decimetres. For example, if the code ends in 100, the cable would be 10 m long.

* In the case that an input/output card does not appear in this table, you can check our on-line PLC selection guide at www.weidmueller.com where you will always find the most up-to-date information.

PLC YOKOGAWA CENTUM

8-channel solution













| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|----|--------------------|-------------------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | ADV151 | 32 DI, positive logic ^{B)} | 1512190xxx | 1 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 |
| | | 32 DI, negative logic ^{A)} | 1512210xxx | 1 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 |
| | ADV161 | 64 DI, positive logic ^{B)} | 1512190xxx | 2 |  |  | 1463520000 | 8 | 1123000000 | 64 | 1463540000 | 8 | 1123730000 | 64 |
| | | 64 DI, negative logic ^{A)} | 1512210xxx | 2 |  |  | 1463520000 | 8 | 1123000000 | 64 | 1463540000 | 8 | 1123730000 | 64 |
| DO | ADV551 | 32 DO ^{B)} | 1512220xxx | 1 |  |  | 1463520000 | 4 | 1122780000 | 32 | 1463540000 | 8 | 1123500000 | 32 |
| | ADV561 | 64 DO ^{B)} | 1512220xxx | 2 |  |  | 1463520000 | 8 | 1122780000 | 64 | 1463540000 | 8 | 1123500000 | 64 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "++" side.
 B) The TERMSERIES adapter switch, should be positioned on the "++" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC YOKOGAWA CENTUM

16-channel solution













| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|--------------------|-------------------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | ADV151 | 32 DI, positive logic ^{B)} | 1512230xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DI, negative logic ^{A)} | 1512240xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | ADV161 | 64 DI, positive logic ^{B)} | 1512230xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 |
| | | 64 DI, negative logic ^{A)} | 1512240xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 |
| DO | ADV551 | 32 DO ^{B)} | 1512270xxx | 1 |  |  | 1463550000 | 2 | 1122780000 | 32 |
| | ADV561 | 64 DO ^{B)} | 1512270xxx | 2 |  |  | 1463550000 | 4 | 1122780000 | 64 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "++" side.
 B) The TERMSERIES adapter switch, should be positioned on the "++" side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC YOKOGAWA STARDOM

8-channel solution













| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | |
|----|--------------------|-------------------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. |
| DI | NFDV151 | 32 DI, positive logic ^{B)} | 1512190xxx | 1 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 |
| | | 32 DI, negative logic ^{A)} | 1512210xxx | 1 |  |  | 1463520000 | 4 | 1123000000 | 32 | 1463540000 | 4 | 1123730000 | 32 |
| | NFDV161 | 64 DI, positive logic ^{B)} | 1512190xxx | 2 |  |  | 1463520000 | 8 | 1123000000 | 64 | 1463540000 | 8 | 1123730000 | 64 |
| | | 64 DI, negative logic ^{A)} | 1512210xxx | 2 |  |  | 1463520000 | 8 | 1123000000 | 64 | 1463540000 | 8 | 1123730000 | 64 |
| DO | NFDV551 | 32 DO ^{B)} | 1512220xxx | 1 |  |  | 1463520000 | 4 | 1122780000 | 32 | 1463540000 | 8 | 1123500000 | 32 |
| | NFDV561 | 64 DO ^{B)} | 1512220xxx | 2 |  |  | 1463520000 | 8 | 1122780000 | 64 | 1463540000 | 8 | 1123500000 | 64 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "–" side.
 B) The TERMSERIES adapter switch, should be positioned on the "+ " side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.

PLC YOKOGAWA STARDOM





16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | |
|----|--------------------|-------------------------------------|------------|------|---|---|-----------------------------------|------|-------------------------------|------|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. |
| DI | NFDV151 | 32 DI, positive logic ^{B)} | 1512230xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | | 32 DI, negative logic ^{A)} | 1512240xxx | 1 |  |  | 1463550000 | 2 | 1123000000 | 32 |
| | NFDV161 | 64 DI, positive logic ^{B)} | 1512230xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 |
| | | 64 DI, negative logic ^{A)} | 1512240xxx | 2 |  |  | 1463550000 | 4 | 1123000000 | 64 |
| DO | NFDV551 | 32 DO ^{B)} | 1512270xxx | 1 |  |  | 1463550000 | 2 | 1122780000 | 32 |
| | NFDV561 | 64 DO ^{B)} | 1512270xxx | 2 |  |  | 1463550000 | 4 | 1122780000 | 64 |

Note
 A) The TERMSERIES adapter switch, should be positioned on the "–" side.
 B) The TERMSERIES adapter switch, should be positioned on the "+ " side.

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are chosen for 24 V DC control voltage. For digital input cards these can be replaced by TERMSERIES relays with control voltages from 5 V DC to 230 V AC.





PLC WEIDMÜLLER u-remote 8-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | TERMSERIES adapter | | | | |
|-------------|-----------------------------------|---|------------|------|---|---|-----------------------------------|------|-------------------------------|------|------------------------------------|------|-------------------------------|------|--|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | TERMSERIES adapter (Relay 12.8 mm) | | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | TERMSERIES adapter | | Inputs or outputs with relays | | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | Order No. | Qty. | |
| DI | UR20-16DI-P-PLC-INT ^{B)} | 16 DI | 1512470xxx | 1 |  |  | 1463520000 | 2 | 1123000000 2618110000 | 16 | 1463540000 | 2 | 1123730000 2618530000 | 16 | |
| DO | UR20-16DO-P-PLC-INT ^{A)} | 16 DO | 1512470xxx | 1 |  |  | 1463520000 | 2 | 1122770000 2618000000 | 16 | 1463540000 | 2 | 1123490000 2618400000 | 16 | |
| Note | | A) The TERMSERIES adapter switch, should be positioned on the "–" side. B) The TERMSERIES adapter switch, should be positioned on the "+ " side. | | | | | | | | | | | | | |

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are 24 V DC for the digital input cards. These relays can be replaced by TERMSERIES relays with other voltages, from 5 V DC to 230 V DC.

E

PLC WEIDMÜLLER u-remote 16-channel solution

| | PLC | | Cables | | Connection | | TERMSERIES adapter | | | | |
|-------------|-----------------------------------|---|------------|------|---|---|-----------------------------------|------|-------------------------------|------|--|
| | Input/Output cards | | Standard | | | | TERMSERIES adapter (Relay 6.4 mm) | | | | |
| | Manufacturer code | Number/ Type of channels | Order No. | Qty. | Screw connection | PUSH IN connection | TERMSERIES adapter | | Inputs or outputs with relays | | |
| | | | | | | | Order No. | Qty. | Order No. | Qty. | |
| DI | UR20-16DI-P-PLC-INT ^{B)} | 16 DI | 1349670xxx | 1 |  |  | 1463550000 | 1 | 1123000000 2618110000 | 16 | |
| DO | UR20-16DO-P-PLC-INT ^{A)} | 16 DO | 1349670xxx | 1 |  |  | 1463550000 | 1 | 1122770000 2618000000 | 16 | |
| Note | | A) The TERMSERIES adapter switch, should be positioned on the "–" side. B) The TERMSERIES adapter switch, should be positioned on the "+ " side. | | | | | | | | | |

- The adapters should receive power from an external supply.
- The last 3 digits of the cable code indicates its length in decimeters. For example, if the code ends in 100, the cable would be 10 m long.
- The relays indicated in the table are 24 V DC for the digital input cards. These relays can be replaced by TERMSERIES relays with other voltages, from 5 V DC to 230 V DC.

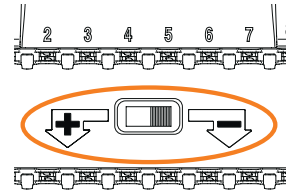
TERMSERIES adapters

- Suitable for input and output logic
- Version for 6.4 mm TERMSERIES socket
- Supply connections (PUSH IN) in double version for supply voltage bridging
- User-friendly and clear marking
- 10-pole connecting plug according to DIN EN 60603-13

TIA F10



Potential change-over switch



The potential change-over switch is located between contact rows of the TERMSERIES adaptor. It is used to switch the potential of the lower contact row to "+" or "-" potential of the supply voltage.

Installation input

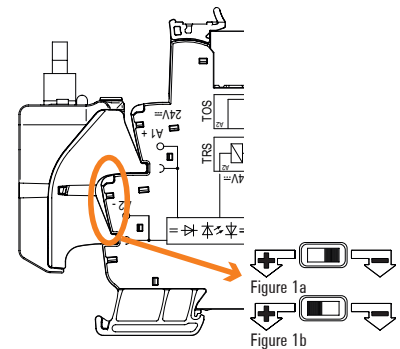


Figure 1a: **Positive-switching logic:** Potential change-over switch to "-", installation on **24 V DC input (A1/A2)**.
 Figure 1b: **Negative-switching logic:** Potential change-over switch to "+", installation on **24 V UC input (A1/A2)**.

Installation output

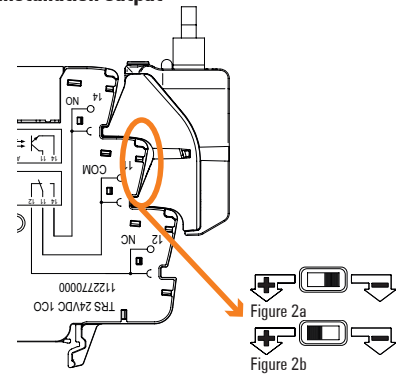
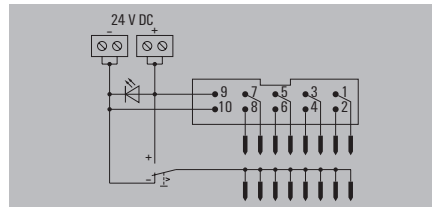


Figure 2a: **Positive-switching logic:** Potential change-over switch to "+", installation on output (11/14).
 Figure 2b: **Negative-switching logic:** Potential change-over switch to "-", installation on output (11/14).



Technical data

| | |
|--|---|
| Supply | |
| Voltage supply | 24 V DC ± 20 % |
| Status display | Green LED |
| Signals | |
| Rated voltage | 24 V DC |
| Voltage, max. | 30 V DC |
| Rated current (per signal path) | 125 mA |
| Current (per signal path), max. | 1 A |
| Total current of all signals, max. | 1 A |
| Number of signal paths | 8 |
| Connection data (supply) | |
| Wire connection method | PUSH IN |
| Clamping range, rated connection, min. | 0.13 mm ² |
| Clamping range, rated connection, max. | 1.5 mm ² |
| Number of terminals | 4 (+, +, -, -) |
| Connection data (signal) | |
| Plug type | 10-pole plug according to DIN EN 60603-13, long locking lever |
| General data | |
| Ambient temperature (operational) | -40 °C...60 °C |
| Storage temperature | -40 °C...85 °C |
| Humidity | 5...95% (indoor), T _v = 40°C, without condensation |
| UL 94 flammability rating | V-0 |
| Approvals | CE; cULus; DNVGL; RS |
| Insulation coordination | |
| Pollution degree | 2 |
| Overvoltage category | III |
| Impulse withstand voltage | 1.5 kV |
| Rated voltage | 32 V |
| Protection degree | IP20 in installed state |

| | |
|--|---|
| Supply | |
| Voltage supply | 24 V DC ± 20 % |
| Status display | Green LED |
| Signals | |
| Rated voltage | 24 V DC |
| Voltage, max. | 30 V DC |
| Rated current (per signal path) | 125 mA |
| Current (per signal path), max. | 1 A |
| Total current of all signals, max. | 1 A |
| Number of signal paths | 8 |
| Connection data (supply) | |
| Wire connection method | PUSH IN |
| Clamping range, rated connection, min. | 0.13 mm ² |
| Clamping range, rated connection, max. | 1.5 mm ² |
| Number of terminals | 4 (+, +, -, -) |
| Connection data (signal) | |
| Plug type | 10-pole plug according to DIN EN 60603-13, long locking lever |
| General data | |
| Ambient temperature (operational) | -40 °C...60 °C |
| Storage temperature | -40 °C...85 °C |
| Humidity | 5...95% (indoor), T _v = 40°C, without condensation |
| UL 94 flammability rating | V-0 |
| Approvals | CE; cULus; DNVGL; RS |
| Insulation coordination | |
| Pollution degree | 2 |
| Overvoltage category | III |
| Impulse withstand voltage | 1.5 kV |
| Rated voltage | 32 V |
| Protection degree | IP20 in installed state |

| | |
|------------------------|-----------------|
| Dimensions | |
| Depth x width x height | mm 62 / 51 / 43 |

| | |
|------------------------|-----------------|
| Dimensions | |
| Depth x width x height | mm 62 / 51 / 43 |

| | |
|-------------|--|
| Note | |
|-------------|--|

| | |
|-------------|--|
| Note | |
|-------------|--|

Ordering data

| | | |
|--|--|--|
| | | |
|--|--|--|

| Type | Qty. | Order No. |
|---------|------|------------|
| TIA F10 | 1 | 1463520000 |

| | |
|-------------|--|
| Note | |
|-------------|--|

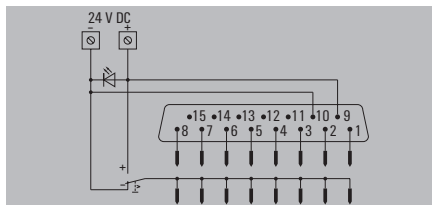
| | |
|--|--|
| Note | |
| Suitable for 6.4 mm wide TERMSERIES socket | |

TERMSERIES adapters

TERMSERIES adapters

- Suitable for input and output logic
- Version for 6.4 mm TERMSERIES socket
- User-friendly and clear marking
- 15-pole Sub-D plug-in connector according to DIN 41652 / IEC 60807

TIA SUBD 15S



Technical data

| Supply | |
|--|---|
| Voltage supply | 24 V DC ± 20 % |
| Status display | Green LED |
| Signals | |
| Rated voltage | 24 V DC |
| Voltage, max. | 30 V DC |
| Rated current (per signal path) | 125 mA |
| Current (per signal path), max. | 1 A |
| Total current of all signals, max. | 1 A |
| Number of signal paths | 8 |
| Connection data (supply) | |
| Wire connection method | PUSH IN |
| Clamping range, rated connection, min. | 0.13 mm ² |
| Clamping range, rated connection, max. | 1.5 mm ² |
| Number of terminals | 2 (+,-) |
| Connection data (signal) | |
| Plug type | Sub-D, 15-pole, DIN 41652 / IEC 60807 |
| General data | |
| Ambient temperature (operational) | -40 °C...60 °C |
| Storage temperature | -40 °C...85 °C |
| Humidity | 5...95% (indoor), T _a = 40°C, without condensation |
| UL 94 flammability rating | V-0 |
| Approvals | CE; cULus; DNVGL; RS |
| Insulation coordination | |
| Pollution degree | 2 |
| Overvoltage category | III |
| Impulse withstand voltage | 1.5 kV |
| Rated voltage | 32 V |
| Protection degree | IP20 in installed state |

| Supply | |
|--|---|
| Voltage supply | 24 V DC ± 20 % |
| Status display | Green LED |
| Signals | |
| Rated voltage | 24 V DC |
| Voltage, max. | 30 V DC |
| Rated current (per signal path) | 125 mA |
| Current (per signal path), max. | 1 A |
| Total current of all signals, max. | 1 A |
| Number of signal paths | 8 |
| Connection data (supply) | |
| Wire connection method | PUSH IN |
| Clamping range, rated connection, min. | 0.13 mm ² |
| Clamping range, rated connection, max. | 1.5 mm ² |
| Number of terminals | 2 (+,-) |
| Connection data (signal) | |
| Plug type | Sub-D, 15-pole, DIN 41652 / IEC 60807 |
| General data | |
| Ambient temperature (operational) | -40 °C...60 °C |
| Storage temperature | -40 °C...85 °C |
| Humidity | 5...95% (indoor), T _a = 40°C, without condensation |
| UL 94 flammability rating | V-0 |
| Approvals | CE; cULus; DNVGL; RS |
| Insulation coordination | |
| Pollution degree | 2 |
| Overvoltage category | III |
| Impulse withstand voltage | 1.5 kV |
| Rated voltage | 32 V |
| Protection degree | IP20 in installed state |

| Dimensions | |
|------------------------|-----------------|
| Depth x width x height | mm 52 / 51 / 43 |

| Dimensions | |
|------------------------|-----------------|
| Depth x width x height | mm 52 / 51 / 43 |

| Note | |
|------|--|
|------|--|

| Note | |
|------|--|
|------|--|

Ordering data

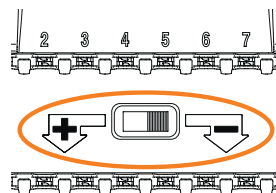
| Type | Qty. | Order No. |
|--------------|------|------------|
| TIA SUBD 15S | 1 | 1463530000 |

| Type | Qty. | Order No. |
|--------------|------|------------|
| TIA SUBD 15S | 1 | 1463530000 |

| Note | |
|--|--|
| Suitable for 6.4 mm wide TERMSERIES socket | |

| Note | |
|--|--|
| Suitable for 6.4 mm wide TERMSERIES socket | |

Potential change-over switch



The potential change-over switch is located between contact rows of the TERMSERIES adaptor. It is used to switch the potential of the lower contact row to "+" or "-" potential of the supply voltage.

Installation input

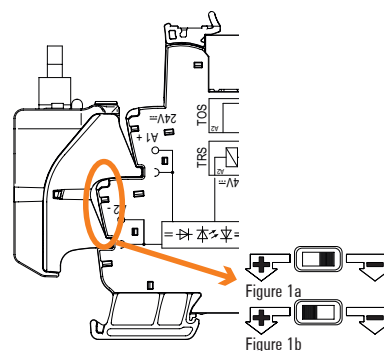


Figure 1a: **Positive-switching logic:** Potential change-over switch to "+", installation on **24 V DC input** (A1/A2).

Figure 1b: **Negative-switching logic:** Potential change-over switch to "-", installation on **24 V UC input** (A1/A2).

Installation output

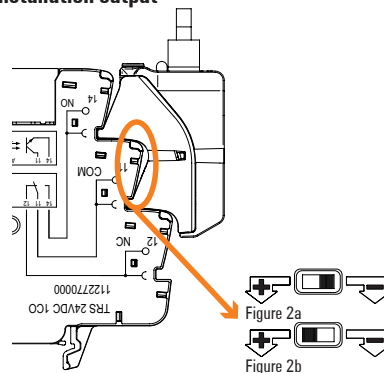


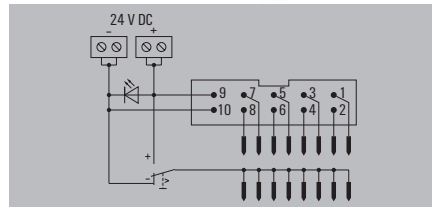
Figure 2a: **Positive-switching logic:** Potential change-over switch to "+", installation on **output** (11/14).

Figure 2b: **Negative-switching logic:** Potential change-over switch to "-", installation on **output** (11/14).

TERMSERIES adapters

- Suitable for input and output logic
- Version for 12.8 mm TERMSERIES socket
- Supply connections (PUSH IN) in double version for supply voltage bridging
- User-friendly and clear marking
- 10-pole connecting plug according to DIN EN 60603-13

TIAL F10



Technical data

| | |
|--|---|
| Supply | |
| Voltage supply | 24 V DC ± 20 % |
| Status display | Green LED |
| Signals | |
| Rated voltage | 24 V DC |
| Voltage, max. | 30 V DC |
| Rated current (per signal path) | 125 mA |
| Current (per signal path), max. | 1 A |
| Total current of all signals, max. | 1 A |
| Number of signal paths | 8 |
| Connection data (supply) | |
| Wire connection method | PUSH IN |
| Clamping range, rated connection, min. | 0.13 mm ² |
| Clamping range, rated connection, max. | 1.5 mm ² |
| Number of terminals | 4 (+, +, -, -) |
| Connection data (signal) | |
| Plug type | 10-pole plug according to DIN EN 60603-13, long locking lever |
| General data | |
| Ambient temperature (operational) | -40 °C...60 °C |
| Storage temperature | -40 °C...85 °C |
| Humidity | 5...95% (indoor), T _v = 40°C, without condensation |
| UL 94 flammability rating | V-0 |
| Approvals | CE; cULus; DNVGL; RS |
| Insulation coordination | |
| Pollution degree | 2 |
| Overvoltage category | III |
| Impulse withstand voltage | 1.5 kV |
| Rated voltage | 32 V |
| Protection degree | IP20 in installed state |

| | |
|------------------------|------------------|
| Dimensions | |
| Depth x width x height | mm 62 / 102 / 43 |

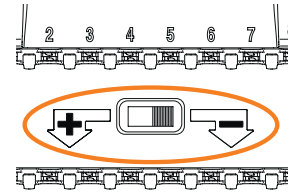
| | |
|-------------|--|
| Note | |
|-------------|--|

Ordering data

| Type | Qty. | Order No. |
|----------|------|------------|
| TIAL F10 | 1 | 1463540000 |

| | |
|-------------|---|
| Note | Suitable for 12.8 mm wide TERMSERIES socket |
|-------------|---|

Potential change-over switch



The potential change-over switch is located between contact rows of the TERMSERIES adaptor. It is used to switch the potential of the lower contact row to "+" or "-" potential of the supply voltage.

Installation input

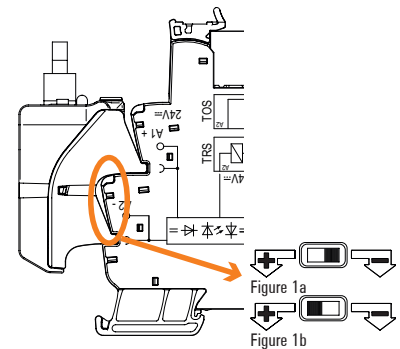


Figure 1a: **Positive-switching logic:** Potential change-over switch to "-", installation on **24 V DC input** (A1/A2).
 Figure 1b: **Negative-switching logic:** Potential change-over switch to "+", installation on **24 V UC input** (A1/A2).

Installation output

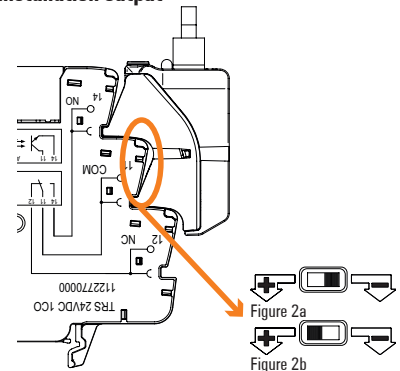


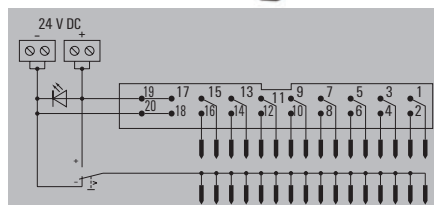
Figure 2a: **Positive-switching logic:** Potential change-over switch to "+", installation on output (11/14).
 Figure 2b: **Negative-switching logic:** Potential change-over switch to "-", installation on output (11/14).

TERMSERIES adapters

TERMSERIES adapters

- Suitable for input and output logic
- Version for 6.4 mm TERMSERIES socket
- Supply connections (PUSH IN) in double version for supply voltage bridging
- User-friendly and clear marking
- 20-pole connecting plug according to DIN EN 60603-13

TIAL F20



Technical data

| | |
|--|---|
| Supply | |
| Voltage supply | 24 V DC ± 20 % |
| Status display | Green LED |
| Signals | |
| Rated voltage | 24 V DC |
| Voltage, max. | 30 V DC |
| Rated current (per signal path) | 60 mA |
| Current (per signal path), max. | 1 A |
| Total current of all signals, max. | 1 A |
| Number of signal paths | 16 |
| Connection data (supply) | |
| Wire connection method | PUSH IN |
| Clamping range, rated connection, min. | 0.13 mm ² |
| Clamping range, rated connection, max. | 1.5 mm ² |
| Number of terminals | 4 (+, +, -, -) |
| Connection data (signal) | |
| Plug type | 20-pole plug according to DIN EN 60603-13, long locking lever |
| General data | |
| Ambient temperature (operational) | -40 °C...60 °C |
| Storage temperature | -40 °C...85 °C |
| Humidity | 5...95% (indoor), T _v = 40°C, without condensation |
| UL 94 flammability rating | V-0 |
| Approvals | CE; cULus; DNVGL; RS |
| Insulation coordination | |
| Pollution degree | 2 |
| Overvoltage category | III |
| Impulse withstand voltage | 1.5 kV |
| Rated voltage | 32 V |
| Protection degree | IP20 in installed state |

| | |
|------------------------|------------------|
| Dimensions | |
| Depth x width x height | mm 62 / 102 / 43 |

| | |
|-------------|--|
| Note | |
|-------------|--|

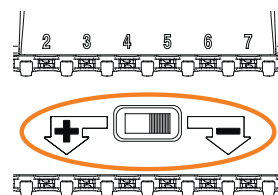
Ordering data

| | |
|--|--|
| | |
|--|--|

| | |
|-------------|--|
| Note | Suitable for 6.4 mm wide TERMSERIES socket |
|-------------|--|

| | | |
|---|--|--|
| Supply | | |
| 24 V DC ± 20 % | | |
| Green LED | | |
| Signals | | |
| 24 V DC | | |
| 30 V DC | | |
| 60 mA | | |
| 1 A | | |
| 1 A | | |
| 16 | | |
| Connection data (supply) | | |
| PUSH IN | | |
| 0.13 mm ² | | |
| 1.5 mm ² | | |
| 4 (+, +, -, -) | | |
| Connection data (signal) | | |
| 20-pole plug according to DIN EN 60603-13, long locking lever | | |
| General data | | |
| -40 °C...60 °C | | |
| -40 °C...85 °C | | |
| 5...95% (indoor), T _v = 40°C, without condensation | | |
| V-0 | | |
| CE; cULus; DNVGL; RS | | |
| Insulation coordination | | |
| 2 | | |
| III | | |
| 1.5 kV | | |
| 32 V | | |
| IP20 in installed state | | |

Potential change-over switch



The potential change-over switch is located between contact rows of the TERMSERIES adaptor. It is used to switch the potential of the lower contact row to "+" or "-" potential of the supply voltage.

Installation input

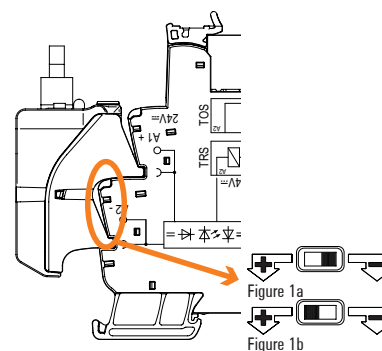


Figure 1a: **Positive-switching logic:** Potential change-over switch to "+", installation on 24 V DC input (A1/A2).

Figure 1b: **Negative-switching logic:** Potential change-over switch to "-", installation on 24 V UC input (A1/A2).

Installation output

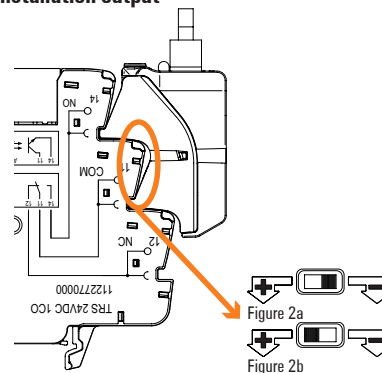
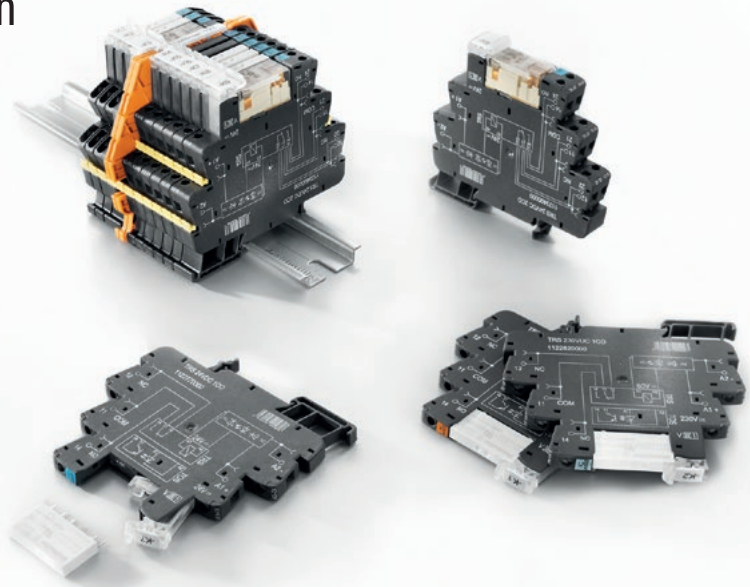


Figure 2a: **Positive-switching logic:** Potential change-over switch to "+", installation on output (11/14).

Figure 2b: **Negative-switching logic:** Potential change-over switch to "-", installation on output (11/14).

TERMSERIES

Relay modules from 6 mm width



| Number of contacts / Type of contact | | 1 NO | | 1 CO | | 2 CO | | 1 CO | |
|--|---------|------------|------------|------------|------------|-------------|------------|-------------|--|
| | | AgSnO | AgSnO + W | AgNi | AgNi | AgNi + 5µAu | AgNi | AgNi + 5µAu | |
| | | 16 A | 16 A | 16 A | 8 A | | 6 A | | |
| 5 V DC | Screw | | | 1479650000 | 1123470000 | 1123710000 | 1122740000 | 1122980000 | |
| | PUSH IN | | | 2618130000 | 2614840000 | 2618580000 | 2614830000 | 2618060000 | |
| 12 V DC | Screw | | | 1479670000 | 1123480000 | 1123720000 | 1122750000 | 1122990000 | |
| | PUSH IN | | | 2618040000 | 2618550000 | 2618310000 | 2618180000 | 2618120000 | |
| 24 V DC | Screw | 1479780000 | 1479810000 | 1479680000 | 1123490000 | 1123730000 | 1122770000 | 1123000000 | |
| | PUSH IN | 2618090000 | 2617930000 | 2618100000 | 2618400000 | 2618530000 | 2618000000 | 2618110000 | |
| Input UC | | | | | | | | | |
| 24 V UC | Screw | | | 1479690000 | 1123500000 | 1123740000 | 1122780000 | 1123010000 | |
| | PUSH IN | | | 2617910000 | 2618320000 | 2618540000 | 2618220000 | 2618160000 | |
| 48 V UC | Screw | | | 1479700000 | 1123510000 | 1123750000 | 1122790000 | 1123020000 | |
| | PUSH IN | | | 2617960000 | 2618520000 | 2618560000 | 2618240000 | 2618170000 | |
| 60 V UC | Screw | | | 1479710000 | 1123520000 | 1123770000 | 1122800000 | 1123030000 | |
| | PUSH IN | | | 2617970000 | 2618290000 | 2618360000 | 2618140000 | 2618070000 | |
| 120 V UC | Screw | | | 1479730000 | 1123530000 | 1123780000 | 1122810000 | 1123170000 | |
| | PUSH IN | | | 2618280000 | 2618570000 | 2618590000 | 2618010000 | 2618080000 | |
| 230 V UC | Screw | | | 1479740000 | 1123540000 | 1123790000 | 1122820000 | 1123050000 | |
| | PUSH IN | | | 2618260000 | 2618440000 | 2618300000 | 2618050000 | 2618210000 | |
| 24 - 230 V UC new ED2 version | Screw | 2662970000 | 2662980000 | 2662960000 | 2662880000 | 2662890000 | 2662850000 | 2662860000 | |
| | PUSH IN | 2663130000 | 2663140000 | 2663120000 | 2663040000 | 2663050000 | 2663010000 | 2663020000 | |
| Input AC | | | | | | | | | |
| 120 V AC RC | Screw | | | 1479750000 | 1123550000 | 1123800000 | 1122830000 | 1123070000 | |
| | PUSH IN | | | 2618270000 | 2618470000 | 2618490000 | 2618150000 | 2618030000 | |
| 230 V AC RC | Screw | | | 1479760000 | 1123570000 | 1123810000 | 1122840000 | 1123080000 | |
| | PUSH IN | | | 2618190000 | 2618330000 | 2618500000 | 2618200000 | 2617950000 | |
| Note Selection of preferred types, other modules upon request | | | | | | | | | |

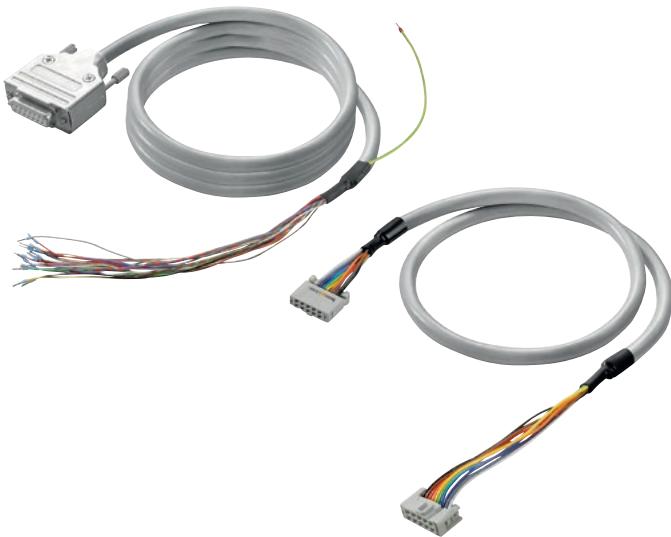
Pre-assembled cables for general applications

| | | |
|--|---|-----|
| Pre-assembled cables for general applications | Introduction | F.2 |
| | PAC-UNIV-HE - Universal pre-assembled cables for ribbon connectors according IEC 60603-13 | F.3 |
| | PAC-UNIV-D - Universal pre-assembled cables for SUB-D connectors according IEC 60807 | F.4 |
| | PAC-HD - Universal pre-assembled cables for High density SUB-D connectors | F.6 |
| | PAC-ELCO - Pre-assembled cables for RS ELCO interfaces | F.8 |
| | Selection guide - PLC Universal pre-assembled cables | F.9 |

Pre-assembled cables for general applications

Pre-assembled cables with the corresponding plug-in connector systems are used in the connection between the controller and the interface. These pre-assembled cables allow maximum savings for the user, as they achieve a cost reduction in the materials, due to fewer individual cables, conductors and cable ducting.

PAC-UNIV Pre-assembled cables for RS F and RS SD interfaces



This range of pre-assembled cables for ribbon cabling complies with IEC 60603-13/DIN 41651 SUB-D in accordance with IEC 60807-2/DIN 41652 and SUB-D High density.

One end of the cable is prepared for connecting with the RS-F or RS SD interfaces and the other end for wire-end ferrules or to a SUB-D connector or ribbon cable.

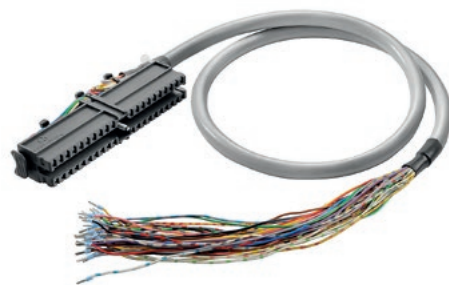
Colour code acc. To DIN 47,100 and available in different lengths.

PAC-ELCO Pre-assembled cables for RS ELCO interfaces



With pre-assembled cables for ELCO connectors, one end of the cable is prepared for connecting with the RS-ELCO interfaces. The other end is connected to a wire-end ferrule or to a female ELCO connector. Colour code acc. To DIN 47,100 and available in different lengths.

PAC-UNIV Pre-assembled cables with PLC original connector



These range of pre-assembled cables are provided with the original PLC connector in one end of the cables and with ferrules in the other.

Colour code acc. To DIN 47,100 and available in different lengths.

Available for main PLC's of the market. More options on demand.

PAC-UNIV-HE – Universal pre-assembled cables for ribbon connectors according IEC 60603-13

Pre-assembled ribbon cable according to IEC-60603-13/DIN 41651.

- Ribbon cable - ribbon cable
 - Ribbon cable - wire-end ferrules
- Cable
- Halogen free cables
 - No halogen-free cables: LIYY
 - Colour code according DIN 47100

Technical data

| |
|---|
| Rated data |
| Operating voltage |
| Permissible current strength per path, max. |
| Total current, max. |
| Resistance |
| Nominal rating, control cable |
| Wire cross-section |
| General data |
| Ambient temperature (operational) |
| Storage temperature |

PAC-UNIV-HE-F / PAC-HE-F-HF

Ribbon cable to wire-end ferrules connector



| |
|-------------------------------|
| ≤ 60 V DC ≤ 25 V AC |
| 1 A |
| 3 A |
| ≤ 150 m Ω /m |
| 0.14 mm ² |
| -10...50 °C |
| -10...60 °C |

PAC-UNIV-HE-HE / PAC-HE-HE-HF

Ribbon cable to ribbon cable connector



| |
|-------------------------------|
| ≤ 60 V DC ≤ 25 V AC |
| 1 A |
| 3 A |
| ≤ 150 m Ω /m |
| 0.14 mm ² |
| -10...50 °C |
| -10...60 °C |

Note

Ordering data

| No halogen-free cables | |
|------------------------|--|
| 10-pole connector | |
| 14-pole connector | |
| 16-pole connector | |
| 20-pole connector | |
| 26-pole connector | |
| 34-pole connector | |
| 40-pole connector | |
| 50-pole connector | |
| Halogen-free cables | |
| 10-pole connector | |
| 14-pole connector | |
| 16-pole connector | |
| 20-pole connector | |
| 26-pole connector | |
| 34-pole connector | |
| 40-pole connector | |

| Type | Qty. | Order No. |
|--------------------|------|------------|
| PAC-UNIV-HE10-F-1M | 1 | 1349730010 |
| PAC-UNIV-HE14-F-1M | 1 | 1349740010 |
| PAC-UNIV-HE16-F-1M | 1 | 1349770010 |
| PAC-UNIV-HE20-F-1M | 1 | 1349790010 |
| PAC-UNIV-HE26-F-1M | 1 | 1349820010 |
| PAC-UNIV-HE34-F-1M | 1 | 1349840010 |
| PAC-UNIV-HE40-F-1M | 1 | 1349880010 |
| | | |
| PAC-HE10-F-HF-1M | 1 | 2420540010 |
| PAC-HE14-F-HF-1M | 1 | 2425650010 |
| PAC-HE16-F-HF-1M | 1 | 2425710010 |
| PAC-HE20-F-HF-1M | 1 | 2425660010 |
| PAC-HE26-F-HF-1M | 1 | 2425720010 |
| PAC-HE34-F-HF-1M | 1 | 2425690010 |
| PAC-HE40-F-HF-1M | 1 | 2425680010 |

| Type | Qty. | Order No. |
|-----------------------|------|------------|
| PAC-UNIV-HE10-HE10-1M | 1 | 1349630010 |
| PAC-UNIV-HE14-HE14-1M | 1 | 1349640010 |
| PAC-UNIV-HE16-HE16-1M | 1 | 1349650010 |
| PAC-UNIV-HE20-HE20-1M | 1 | 1349670010 |
| PAC-UNIV-HE26-HE26-1M | 1 | 1349680010 |
| PAC-UNIV-HE34-HE34-1M | 1 | 1349690010 |
| PAC-UNIV-HE40-HE40-1M | 1 | 1349700010 |
| PAC-UNIV-HE50-HE50-1M | 1 | 1349720010 |
| | | |
| PAC-HE10-HE10-HF-1M | 1 | 2420550010 |
| PAC-HE14-HE14-HF-1M | 1 | 2425940010 |
| PAC-HE16-HE16-HF-1M | 1 | 2425700010 |
| PAC-HE20-HE20-HF-1M | 1 | 2425730010 |
| PAC-HE26-HE26-HF-1M | 1 | 2425740010 |
| PAC-HE34-HE34-HF-1M | 1 | 2425950010 |
| PAC-HE40-HE40-HF-1M | 1 | 2425960010 |

Note

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable would be 10 m long.

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable would be 10 m long.

PAC-UNIV-D – Universal pre-assembled cables for SUB-D connectors according IEC 60807

Pre-assembled SUB-D cable according to IEC-60807/DIN 41652.

- SUB-D to SUB-D connector
- SUB-D to wire-end ferrules
- Shielded cable

Cable

- Halogen free cables
- No halogen-free cables: LIYcY
- Colour code according DIN 47100

Technical data

| Rated data | |
|---|----------------------|
| Operating voltage | ≤ 60 V DC ≤ 25 V AC |
| Permissible current strength per path, max. | 1 A |
| Total current, max. | 3 A |
| Resistance | ≤ 80 mΩ/m |
| Nominal rating, control cable | |
| Wire cross-section | 0.25 mm ² |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

PAC-UNIV-D-F/ PAC-D-F-HF

SUB-D to wire-end ferrules



| Rated data | |
|---|----------------------|
| Operating voltage | ≤ 60 V DC ≤ 25 V AC |
| Permissible current strength per path, max. | 1 A |
| Total current, max. | 3 A |
| Resistance | ≤ 80 mΩ/m |
| Nominal rating, control cable | |
| Wire cross-section | 0.25 mm ² |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

PAC-UNIV-D-D /PAC-D-D-HF

SUB-D male to male or SUB-D female to female connector



| Rated data | |
|---|----------------------|
| Operating voltage | ≤ 60 V DC ≤ 25 V AC |
| Permissible current strength per path, max. | 1 A |
| Total current, max. | 3 A |
| Resistance | ≤ 80 mΩ/m |
| Nominal rating, control cable | |
| Wire cross-section | 0.25 mm ² |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

| Note |
|------|
|------|

Ordering data

| No halogen-free cables | |
|--------------------------|--------------------|
| 9-pole male connector | PAC-UNIV-D9M-F-1M |
| 15-pole male connector | PAC-UNIV-D15M-F-1M |
| 25-pole male connector | PAC-UNIV-D25M-F-1M |
| 37-pole male connector | PAC-UNIV-D37M-F-1M |
| 50-pole male connector | PAC-UNIV-D50M-F-1M |
| 9-pole female connector | PAC-UNIV-D9F-F-1M |
| 15-pole female connector | PAC-UNIV-D15F-F-1M |
| 25-pole female connector | PAC-UNIV-D25F-F-1M |
| 37-pole female connector | PAC-UNIV-D37F-F-1M |
| 50-pole female connector | PAC-UNIV-D50F-F-1M |
| Halogen-free cables | |
| 9-pole male connector | PAC-D9M-F-HF-1M |
| 15-pole male connector | PAC-D15M-F-HF-1M |
| 25-pole male connector | PAC-D25M-F-HF-1M |
| 37-pole male connector | PAC-D37M-F-HF-1M |
| 9-pole female connector | PAC-D9F-F-HF-1M |
| 15-pole female connector | PAC-D15F-F-HF-1M |
| 25-pole female connector | PAC-D25F-F-HF-1M |
| 37-pole female connector | PAC-D37F-F-HF-1M |

| Type | Qty. | Order No. |
|--------------------|------|------------|
| PAC-UNIV-D9M-F-1M | 1 | 1350400010 |
| PAC-UNIV-D15M-F-1M | 1 | 1350420010 |
| PAC-UNIV-D25M-F-1M | 1 | 1350430010 |
| PAC-UNIV-D37M-F-1M | 1 | 1350440010 |
| PAC-UNIV-D50M-F-1M | 1 | 1350450010 |
| PAC-UNIV-D9F-F-1M | 1 | 1350470010 |
| PAC-UNIV-D15F-F-1M | 1 | 1350480010 |
| PAC-UNIV-D25F-F-1M | 1 | 1350490010 |
| PAC-UNIV-D37F-F-1M | 1 | 1350500010 |
| PAC-UNIV-D50F-F-1M | 1 | 1350520010 |
| PAC-D9M-F-HF-1M | 1 | 2420560010 |
| PAC-D15M-F-HF-1M | 1 | 2425980010 |
| PAC-D25M-F-HF-1M | 1 | 2425990010 |
| PAC-D37M-F-HF-1M | 1 | 2426000010 |
| PAC-D9F-F-HF-1M | 1 | 2426020010 |
| PAC-D15F-F-HF-1M | 1 | 2426030010 |
| PAC-D25F-F-HF-1M | 1 | 2426040010 |
| PAC-D37F-F-HF-1M | 1 | 2426050010 |

| Type | Qty. | Order No. |
|-----------------------|------|------------|
| PAC-UNIV-D9M-D9M-1M | 1 | 1349750010 |
| PAC-UNIV-D15M-D15M-1M | 1 | 1349780010 |
| PAC-UNIV-D25M-D25M-1M | 1 | 1349800010 |
| PAC-UNIV-D37M-D37M-1M | 1 | 1349830010 |
| PAC-UNIV-D50M-D50M-1M | 1 | 1349850010 |
| PAC-UNIV-D9F-D9F-1M | 1 | 1349870010 |
| PAC-UNIV-D15F-D15F-1M | 1 | 1349890010 |
| PAC-UNIV-D25F-D25F-1M | 1 | 1349920010 |
| PAC-UNIV-D37F-D37F-1M | 1 | 1349930010 |
| PAC-UNIV-D50F-D50F-1M | 1 | 1349940010 |
| PAC-D9M-D9M-HF-1M | 1 | 2420570010 |
| PAC-D15M-D15M-HF-1M | 1 | 2426070010 |
| PAC-D25M-D25M-HF-1M | 1 | 2426080010 |
| PAC-D37M-D37M-HF-1M | 1 | 2426090010 |
| PAC-D9F-D9F-HF-1M | 1 | 2426110010 |
| PAC-D15F-D15F-HF-1M | 1 | 2426180010 |
| PAC-D25F-D25F-HF-1M | 1 | 2426120010 |
| PAC-D37F-D37F-HF-1M | 1 | 2426130010 |

| Note |
|------|
|------|

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable would be 10 m long.

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable would be 10 m long.

PAC-UNIV-D – Universal pre-assembled cables for SUB-D connectors according IEC 60807

Pre-assembled SUB-D cable according to IEC-60807/DIN 41652.

- SUB-D to SUB-D connector
- SUB-D to wire-end ferrules
- Shielded cable

Cable

- Halogen free cables
- No halogen-free cables: LIYcY
- Colour code according DIN 47100

PAC-UNIV-DxM-DxF/PAC-DxM-DxF-HF

SUB-D male-female connector



Technical data

| Rated data | |
|---|----------------------|
| Operating voltage | ≤ 60 V DC ≤ 25 V AC |
| Permissible current strength per path, max. | 1 A |
| Total current, max. | 3 A |
| Resistance | ≤ 80 mΩ/m |
| Nominal rating, control cable | |
| Wire cross-section | 0.25 mm ² |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

Note

Ordering data

| No halogen-free cables | Type | Qty. | Order No. |
|------------------------------|-----------------------|------|------------|
| 9-pole male/female connector | PAC-UNIV-D9M-D9F-1M | 1 | 1349950010 |
| 15-pin male/female connector | PAC-UNIV-D15M-D15F-1M | 1 | 1349970010 |
| 25-pin male/female connector | PAC-UNIV-D25M-D25F-1M | 1 | 1349980010 |
| 37-pin male/female connector | PAC-UNIV-D37M-D37F-1M | 1 | 1349990010 |
| 50-pin male/female connector | PAC-UNIV-D50M-D50F-1M | 1 | 1350000010 |
| Halogen-free cables | Type | Qty. | Order No. |
| 9-pole male/female connector | PAC-D9M-D9F-HF-1M | 1 | 2420580010 |
| 15-pin male/female connector | PAC-D15M-D15F-HF-1M | 1 | 2426150010 |
| 25-pin male/female connector | PAC-D25M-D25F-HF-1M | 1 | 2426160010 |
| 37-pin male/female connector | PAC-D37M-D37F-HF-1M | 1 | 2426190010 |

Note

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable would be 10 m long.

PAC-HD – Universal pre-assembled cables for High density SUB-D connectors

Pre-assembled high density SUB-D cable

- HD SUB-D to HD SUB-D connector
- HD SUB-D to wire-end ferrules

Shielded cable LiYcY:

- 15-26 poles: 0.25 mm² (resistance ≤ 80 mΩ/m)
- 44-62 poles: 0.14 mm² (resistance ≤ 150 mΩ/m)
- Colour code according DIN 47100

PAC-HD-F

HD SUB-D to wire-end ferrules



PAC-HD-HD

HD SUB-D male to male or HD SUB-D female to female connector



Technical data

| Rated data |
|---|
| Operating voltage |
| Permissible current strength per path, max. |
| Total current, max. |
| Capacity wire / wires |
| Capacity wire / shield |
| Nominal rating, control cable |
| Cable |
| Material |
| General data |
| Ambient temperature (operational) |
| Storage temperature |

| ≤ 60 V DC ≤ 25 V AC |
|---------------------|
| 1 A |
| 3 A |
| 300 pF/m |
| 300 pF/m |
| Cable LiYcY |
| PVC |
| -10...50 °C |
| -10...60 °C |

| ≤ 60 V DC ≤ 25 V AC |
|---------------------|
| 1 A |
| 3 A |
| 300 pF/m |
| 300 pF/m |
| Cable LiYcY |
| PVC |
| -10...50 °C |
| -10...60 °C |

| Note |
|------|
|------|

| Note |
|------|
|------|

| Note |
|------|
|------|

Ordering data

| |
|--------------------------|
| 15-pole male connector |
| 26-pole male connector |
| 44-pole male connector |
| 62-pole male connector |
| 15-pole female connector |
| 26-pole female connector |
| 44-pole female connector |
| 62-pole female connector |

| Type | Qty. | Order No. |
|-------------------|------|------------|
| PAC-HD15M-F-V0-1M | 1 | 1440810010 |
| PAC-HD26M-F-V0-1M | 1 | 2093680010 |
| PAC-HD44M-F-V0-1M | 1 | 2093910010 |
| PAC-HD15F-F-V0-1M | 1 | 1440780010 |
| PAC-HD26F-F-V0-1M | 1 | 2093080010 |
| PAC-HD44F-F-V0-1M | 1 | 2093090010 |

| Type | Qty. | Order No. |
|-----------------------|------|------------|
| PAC-HD15M-HD15M-V0-1M | 1 | 1440740010 |
| PAC-HD26M-HD26M-V0-1M | 1 | 2094720010 |
| PAC-HD44M-HD44M-V0-1M | 1 | 2094730010 |
| PAC-HD62M-HD62M-V0-1M | 1 | 2094770010 |
| PAC-HD15F-HD15F-V0-1M | 1 | 1440750010 |
| PAC-HD26F-HD26F-V0-1M | 1 | 2094140010 |
| PAC-HD44F-HD44F-V0-1M | 1 | 2094180010 |
| PAC-HD62F-HD62F-V0-1M | 1 | 1988930010 |

| Note |
|------|
|------|

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long.

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long.

PAC-HD – Universal pre-assembled cables for High density SUB-D connectors

Pre-assembled high density SUB-D cable

- HD SUB-D to HD SUB-D connector
- HD SUB-D to wire-end ferrules

Shielded cable LIYcY:

- 15-26 poles: 0.25 mm² (resistance ≤ 80 mΩ/m)
- 44-62 poles: 0.14 mm² (resistance ≤ 150 mΩ/m)
- Colour code according DIN 47100

PAC-HDxM-HDxF

HD SUB-D male-female connector



Technical data

| |
|---|
| Rated data |
| Operating voltage |
| Permissible current strength per path, max. |
| Total current, max. |
| Capacity wire / wires |
| Capacity wire / shield |
| Nominal rating, control cable |
| Cable |
| Material |
| General data |
| Ambient temperature (operational) |
| Storage temperature |

| |
|---------------------|
| ≤ 60 V DC ≤ 25 V AC |
| 1 A |
| 3 A |
| 300 pF/m |
| 300 pF/m |
| Cable LIYCY |
| PVC |
| -10...50 °C |
| -10...60 °C |

| |
|-------------|
| Note |
|-------------|

Ordering data

| |
|------------------------------|
| 15-pin male/female connector |
| 26-pin male/female connector |
| 44-pin male/female connector |
| 62-pin male/female connector |

| Type | Qty. | Order No. |
|-----------------------|------|------------|
| PAC-HD15M-HD15F-V0-1M | 1 | 1440770010 |
| PAC-HD26M-HD26F-V0-1M | 1 | 2003420010 |
| PAC-HD44M-HD44F-V0-1M | 1 | 1989360010 |
| PAC-HD62M-HD62F-V0-1M | 1 | 2094800010 |

| |
|-------------|
| Note |
|-------------|

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable is 10 m long.

PAC-ELCO Pre-assembled cables for RS ELCO interfaces

- Pre-assembled ELCO female cable
- ELCO to ELCO connector
 - ELCO to wire-end ferrules
 - Polarizer in position 1
- Shielded cable LiYcY

PAC-ELCO



Technical data

| Rated data | |
|---|----------------------|
| Operating voltage | 250 V |
| Permissible current strength per path, max. | 1 A |
| Total current, max. | 3 A |
| Resistance | ≤ 80 mΩ/m |
| Capacity wire / wires | 300 pF/m |
| Capacity wire / shield | 300 pF/m |
| Cable features | |
| Cable | Cable LiYcY |
| Material | PVC |
| Wire cross-section | 0.25 mm ² |
| General data | |
| Ambient temperature (operational) | -10...50 °C |
| Storage temperature | -10...60 °C |

Note

Ordering data

| Type | Qty. | Order No. |
|--|------|-------------------|
| 20-pole socket / 20-pole socket | 1 | 7789760010 |
| 20-pole socket / wire-end ferrules | 1 | 7789761010 |
| 38-pole socket / 38-pole socket | 1 | 7789762010 |
| 38-pole socket / wire-end ferrules | 1 | 7789763010 |
| 56-pole socket / 56-pole socket (only 32 poles connected) | 1 | 7789773010 |
| 56-pole socket / wire-end ferrules (only 32 poles connected) | 1 | 7789774010 |
| 56-pole socket / 56-pole socket (only 54 poles connected) | 1 | 7789775010 |
| 56-pole socket / wire-end ferrules (only 54 poles connected) | 1 | 7789776010 |
| 56-pole socket / 56-pole socket | 1 | 7789764010 |
| 56-pole socket / wire-end ferrules | 1 | 7789765010 |

Note

The last 3 digits of the cable code indicate its length. For example, if the code ends in 100, the cable would be 10 m long.

PLC Universal pre-assembled cables



Pre-assembled cables for general applications

| Cables | PLC Connector | Cable type | To use with |
|--|--|--------------------------------------|---|
| Universal cables for Siemens S7-300 | | | |
| 7789606xxx | Siemens S7-300 20 poles crimping connector | Unshielded LIYY 0,25 mm ² | Siemens S7-300 digital cards with Siemens 20 poles connector |
| 1323930xxx | Siemens S7-300 20 poles crimping connector | Unshielded 0,5 mm ² | Siemens S7-300 digital cards with Siemens 20 poles connector |
| 7789607xxx | Siemens S7-300 20 poles crimping connector | Shielded LIYCY 0,25 mm ² | Siemens S7-300 analog cards with Siemens 20 poles connector |
| 7789608xxx | Siemens S7-300 40 poles crimping connector | Unshielded LIYY 0,25 mm ² | Siemens S7-300 digital cards with Siemens 40 poles connector |
| 1323960xxx | Siemens S7-300 40 poles crimping connector | Unshielded 0,5 mm ² | Siemens S7-300 digital cards with Siemens 40 poles connector |
| 7789609xxx | Siemens S7-300 40 poles crimping connector | Shielded LIYCY 0,25 mm ² | Siemens S7-300 analog cards with Siemens 40 poles connector |
| 1452610xxx | 40 poles connector FCN | Unshielded LIYY 0,25 mm ² | Siemens S7-300 digital cards with 40 poles connector |
| Universal cables for Siemens S7-400 | | | |
| 1504020xxx | Siemens S7-400 48 poles | Shielded LIYCY 0,25 mm ² | Siemens S7-400 analog cards with Siemens 48 poles connector |
| Universal cables for Siemens S7-1500 | | | |
| 1466230xxx | Siemens S7-1500 35mm 40 poles | Unshielded LIYY 0,25 mm ² | Siemens S7-1500 digital cards with 35 mm Siemens 40 poles connector |
| 1466240xxx | Siemens S7-1500 35mm 40 poles | Shielded LIYCY 0,25 mm ² | Siemens S7-1500 analog cards with 35 mm Siemens 40 poles connector |
| 2000150xxx | Siemens S7-1500 35mm 40 poles | Unshielded 0,5 mm ² | Siemens S7-1500 digital cards with 35 mm Siemens 40 poles connector |
| 2579210xxx | Siemens S7-1500 25mm 40 poles | Unshielded LIYY 0,25 mm ² | Siemens S7-1500 digital cards with 25 mm Siemens 40 poles connector |
| 2579220xxx | Siemens S7-1500 25mm 40 poles | Shielded LIYCY 0,25 mm ² | Siemens S7-1500 analog cards with 25 mm Siemens 40 poles connector |
| 2579230xxx | Siemens S7-1500 25mm 40 poles | Unshielded 0,5 mm ² | Siemens S7-1500 digital cards with 25 mm Siemens 40 poles connector |
| Universal cables for Siemens ET200SP | | | |
| 2732170xxx | Starting base 6ES7193-6BP00-0DA0 16P | Shielded LIYCY 0,25 mm ² | Siemens ET200SP digital cards with Starting base 6ES7193-6BP00-0DA0 16P |
| 2732180xxx | Bridge base 6ES7193-6BP00-0BA0 16P | Shielded LIYCY 0,25 mm ² | Siemens ET200SP digital cards with Starting base 6ES7193-6BP00-0BA0 16P |
| Universal cables for Rockwell Control Logix | | | |
| 7789731xxx | Rockwell 1756-TBNH 20 poles | Unshielded LIYY 0,25 mm ² | Rockwell Control Logix digital cards with Rockwell 20 poles connector |
| 7789732xxx | Rockwell 1756-TBNH 20 poles | Shielded LIYCY 0,25 mm ² | Rockwell Control Logix analog cards with Rockwell 20 poles connector |
| 7789733xxx | Rockwell 1756-TBCH 36 poles | Unshielded LIYY 0,25 mm ² | Rockwell Control Logix digital cards with Rockwell 36 poles connector |
| 7789734xxx | Rockwell 1756-TBCH 36 poles | Shielded LIYCY 0,25 mm ² | Rockwell Control Logix analog cards with Rockwell 36 poles connector |
| Universal cables for Rockwell Compact Logix | | | |
| 1350250xxx | Rockwell 1769-RTBN18 18 poles | Unshielded LIYY 0,25 mm ² | Rockwell Compact Logix digital cards with Rockwell 18 poles connector |
| 1350270xxx | Rockwell 1769-RTBN18 18 poles | Shielded LIYCY 0,25 mm ² | Rockwell Compact Logix analog cards with Rockwell 18 poles connector |
| 1349880xxx | IDC connector 40 poles | Unshielded LIYY 0,14 mm ² | Rockwell Compact Logix cards with DIN 41651 type 40 poles connector |
| Universal cables for Schneider M340 | | | |
| 1355950xxx | Schneider BMX FTB 2000 20 poles | Unshielded LIYY 0,25 mm ² | Schneider M340 digital cards with Schneider 20 poles connector |
| 2426750xxx | Schneider BMX FTB 2000 20 poles | Shielded LIYCY 0,25 mm ² | Schneider M340 analog cards with Schneider 20 poles connector |
| 2426760xxx | Schneider BMX FTB 2820 28 poles | Shielded LIYCY 0,25 mm ² | Schneider M340 analog cards with Schneider 28 poles connector |
| 1452610xxx | 40 poles connector FCN | Unshielded LIYY 0,25 mm ² | Schneider M340 digital cards with 40 poles connector |
| 2509360xxx | 40 poles connector FCN | Shielded LIYCY 0,25 mm ² | Schneider M340 digital cards with 40 poles connector |
| Universal cables for Mitsubishi Melsec Q | | | |
| 1452610xxx | 40 poles connector FCN | Unshielded LIYY 0,25 mm ² | Mitsubishi Melsec Q digital cards with 40 poles connector |
| Universal cables for Omron CJ1W | | | |
| 2426780xxx | Omron CJ-OD507-18P 18 poles | Unshielded LIYY 0,25 mm ² | Omron CJ1W digital cards with Omron 18 poles connector |
| 2426790xxx | Omron CJ-OD507-18P 18 poles | Shielded LIYCY 0,25 mm ² | Omron CJ1W analog cards with Omron 18 poles connector |
| 1452610xxx | 40 poles connector FCN | Unshielded LIYY 0,25 mm ² | Omron CJ1W digital cards with 40 poles connector |
| Universal cables for Gefanuc RX3i | | | |
| 2680830xxx | Gefanuc IC694ACC311 20 poles | Unshielded LIYY 0,25 mm ² | RX3i digital cards with Gefanuc 28 poles connector |
| 2680840xxx | Gefanuc IC694ACC311 20 poles | Shielded LIYCY 0,25 mm ² | RX3i analog cards with Gefanuc 20 poles connector |
| 7789842xxx | Gefanuc IC694TBS032 36 poles | Unshielded LIYY 0,25 mm ² | RX3i digital cards with Gefanuc 38 poles connector |
| 2435780xxx | Gefanuc IC694TBS032 36 poles | Shielded LIYCY 0,25 mm ² | RX3i analog cards with Gefanuc 38 poles connector |
| Universal cables for Weidmüller u-remote | | | |
| 1349790xxx | IDC connector 20 poles | Unshielded LIYY 0,14 mm ² | Weidmüller U-Remote cards with DIN 41651 type 20 poles connector |

F

Migration Systems

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Replace PLC systems without any downtimes

Our PLC Migration Bridge System affords maximum flexibility when no space in the cabinet

When industrial systems age or are no longer state-of-the-art, or when there is a limited supply of support and/or spare parts, systems need to be updated at a process industry plant's control level.

When replacing PLC systems, it is vital to avoid cabling errors and to keep plant downtimes to a minimum during the migration process.

PLC migration interfaces from Weidmüller provide you with a secure way of replacing the control level. Even adaptations or changes to the infrastructure can be performed simply and quickly without any need to intervene in the field cabling.



In many fields, such as the process, chemical, cement or automotive industry, and in the energy sector, plant operators need to perform PLC system updates without any downtimes. In situations such as these ones, PLC migration interfaces from Weidmüller are the perfect solution

G

Retrofitting made easy – the migration process



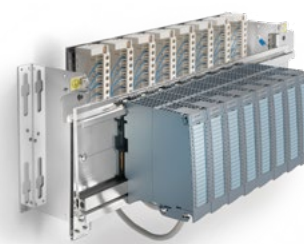
Step 1

The new rack system takes the place of the old control so that no additional space is required in the panel.



Step 2

The relevant front adapter is used in the rack system so that the existing PLC cable connections and an end of the new pre-mounted cables can be inserted as the next step.



Step 3

In the last step, the rail with the new control is placed and connected to the other end of the pre-mounted cable.

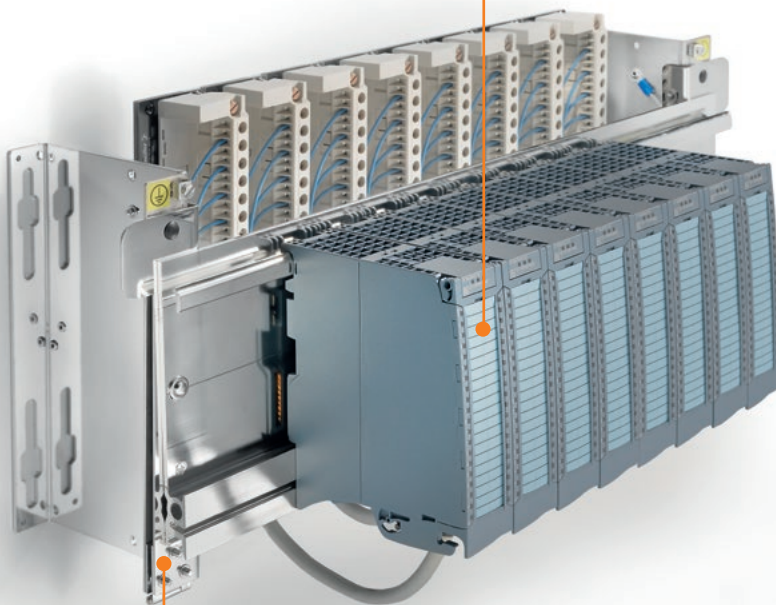
Your special advantages:

Reach your goal faster

With Weidmüller PLC migration interfaces, there's no need to make any changes to the field cabling, so this shortens the amount of time needed to upgrade the entire plant. Indeed, what used to be a PLC migration process that lasted a good few weeks is now an update that can be completed in just a few hours – including the system tests. Production facilities can return to operating as normal even after the briefest of downtimes.

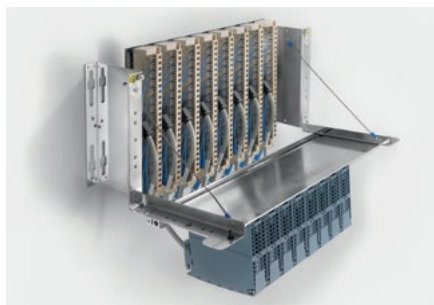
Use independent of the manufacturer

Irrespective of the PLC manufacturer, at Weidmüller you'll find the perfect portfolio of migration components to suit your purpose.



Less space required

With our new migration interfaces, PLC migration doesn't automatically translate into you suddenly having less free space in your cabinet. The rack system replaces the old control and combines connection levels and the new control to create one compact unit. Due to the possibility of easily turning down the upper deck the connection components are accessible without any difficulty.



Error-free migration

Easy-to choose migration components and the possibility of combining tested, pre-assembled cables and front plug-in adapters make for error-free connection of the new PLC.



Make choices specific to your application

Simple configuration tables from Weidmüller make it easier for you to choose all the elements you need. The lists are based on the ratio of old to new PLC cards and precisely describe the rack system, the front adapters and the pre-assembled cables.

See our Online Selection Tool for Migration

New system: Weidmüller u-remote

| Siemens S7-150 | Module quantity | Card type | Number of signals | PLC | Power supply | IO | CP | Diagnosis | Other |
|---------------------|-----------------|-----------|-------------------|---------------------|--------------|----|----|-----------|-------|
| 6ES7 311-1CG03-0AB0 | 1 | PS | 1 | 6ES7 311-1CG03-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG02-0AB0 | 1 | PS | 1 | 6ES7 311-1CG02-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG01-0AB0 | 1 | PS | 1 | 6ES7 311-1CG01-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG00-0AB0 | 1 | PS | 1 | 6ES7 311-1CG00-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG03-0AB0 | 1 | PS | 1 | 6ES7 311-1CG03-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG02-0AB0 | 1 | PS | 1 | 6ES7 311-1CG02-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG01-0AB0 | 1 | PS | 1 | 6ES7 311-1CG01-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG00-0AB0 | 1 | PS | 1 | 6ES7 311-1CG00-0AB0 | 1 | 1 | | | |

New system: Siemens S7-1500

| Siemens S7-150 | Siemens S7-1500 | Card type | Number of signals | PLC | Power supply | IO | CP | Diagnosis | Other |
|---------------------|---------------------|-----------|-------------------|---------------------|--------------|----|----|-----------|-------|
| 6ES7 311-1CG03-0AB0 | 6ES7 311-1CG03-0AB0 | PS | 1 | 6ES7 311-1CG03-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG02-0AB0 | 6ES7 311-1CG02-0AB0 | PS | 1 | 6ES7 311-1CG02-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG01-0AB0 | 6ES7 311-1CG01-0AB0 | PS | 1 | 6ES7 311-1CG01-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG00-0AB0 | 6ES7 311-1CG00-0AB0 | PS | 1 | 6ES7 311-1CG00-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG03-0AB0 | 6ES7 311-1CG03-0AB0 | PS | 1 | 6ES7 311-1CG03-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG02-0AB0 | 6ES7 311-1CG02-0AB0 | PS | 1 | 6ES7 311-1CG02-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG01-0AB0 | 6ES7 311-1CG01-0AB0 | PS | 1 | 6ES7 311-1CG01-0AB0 | 1 | 1 | | | |
| 6ES7 311-1CG00-0AB0 | 6ES7 311-1CG00-0AB0 | PS | 1 | 6ES7 311-1CG00-0AB0 | 1 | 1 | | | |

Needs-based solution

Our adapters and interfaces are the easiest way of combining old plants with new PLC systems. There are no limits to the potential uses of our retrofitting components.



Selection Table for migration between SIEMENS S5-115 to Weidmüller u-remote/ SIEMENS S7-1500 and S7-300

The following selection tables help you to choose the FAD and pre-assembled cables to migrate from S5-115 to other systems.

1. Select the right table, depending on the new systems you need to migrate
2. Select the combination of "old Card" / "new card" you need to migrate from the corresponding table. For example: 6ES5 420-7LA11 to 1315210000
UR20-16DI-P-PLC-INT
3. Select the order number of the FAD to be ordered:
 - FAD code 1991730000
 - Quantity: 1 unit (by card)
4. Generate the order number of the cable to be ordered:
 - Cable code 1349670xxx
 - Quantity: 2 unit (by card)The last 3 digits indicate the length:
For example 015 indicates 1.5 m

Please always take into account the characteristics of the new PLC card so that it is able to provide enough current to your existing application to act the field elements.

New system: Weidmüller u-remote

| Siemens S5-115 Old Card | Weidmüller u-remote New Card | Card type | Number of signals | FAD | | | CABLES | | |
|----------------------------|--|----------------|----------------------|--------------------------|-------------------------|------|------------|-------------------------|------|
| | | | | Order No. | Type | Qty. | Order No. | Type | Qty. |
| 6ES5 420-7LA11 | 1315210000 UR20-16DI-P-PLC-INT (2 uds) | Digital Input | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 430-7LA11 | 1315210000 UR20-16DI-P-PLC-INT (2 uds) | Digital Input | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 441-7LA12 | 1315270000 UR20-16DO-P-PLC-INT (2 uds) | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 451-7LA11 | 1315270000 UR20-16DO-P-PLC-INT (2 uds) | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 451-7LA12 | 1315270000 UR20-16DO-P-PLC-INT (2 uds) | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 451-7LA21 | 1315270000 UR20-16DO-P-PLC-INT (2 uds) | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 454-7LA12 | 1315270000 UR20-16DO-P-PLC-INT | Digital Output | 16 | 1986010000 ^{A)} | FAD S5115 HE20 16IO M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 1 |

Note: A) FAD designed to work with only one power supply. Please contact us for information on other solution.
B) Cable designed to work with only power supply. Please contact us for information on other solution.
C) A maximum of 9 FAD's can be placed in the migration rack 1993530000. The use of the Weidmüller Migration rail 2003740000 is needed too

New system: Siemens S7-1500

| Siemens S5-115 Old Card | Siemens S7-1500 New Card | Card type | Number of signals | FAD | | | CABLES | | |
|----------------------------|-----------------------------------|----------------|----------------------|--------------------------|-------------------------|------|--------------------------|-------------------------|------|
| | | | | Order No. | Type | Qty. | Order No. | Type | Qty. |
| 6ES5 420-7LA11 | 6ES7521-1BL00-0AB0 | Digital Input | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 430-7LA12 | 6ES7521-1BL00-0AB0 | Digital Input | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 431-7LA11 | 6ES7521-1BH00-0AB0 (only 24 V DC) | Digital Input | 16 | 1986010000 ^{A)} | FAD S5115 HE20 16IO M | 1 | 1462090xxx | PAC-S1500-HE20-V1-LLLM | 1 |
| 6ES5 435-7LA11 | 6ES7521-1FH00-0AA0 | Digital Input | 16 | 1985980000 | FAD S5115 SL24 M | 1 | 2004530xxx | PAC-S1500-SL24-AR1-LLLM | 1 |
| 6ES5 436-7LA11 | 6ES7521-1FH00-0AA0 | Digital Input | 16 | 1985980000 | FAD S5115 SL24 M | 1 | 2004530xxx | PAC-S1500-SL24-AR1-LLLM | 1 |
| 6ES5 441-7LA12 | 6ES7522-1BL00-0AB0 | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 451-7LA11 | 6ES7522-1BL00-0AB0 | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 451-7LA12 | 6ES7522-1BL00-0AB0 | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 451-7LA21 | 6ES7522-1BL00-0AB0 | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 454-7LA12 | 6ES7522-1BH00-0AB0 | Digital Output | 16 | 1986010000 ^{A)} | FAD S5115 HE20 16IO M | 1 | 1462090xxx | PAC-S1500-HE20-V1-LLLM | 1 |
| 6ES5 458-7LC11 | 6ES7522-5HF00-0AB0 (2 units) | Digital Output | 16 | 1985980000 | FAD S5115 SL24 M | 1 | 2004540xxx ^{B)} | PAC-S1500-SL24-AY0-LLLM | 1 |

Note: A) FAD designed to work with only one power supply. Please contact us for information on other solution.
B) Cable designed to work with only power supply. Please contact us for information on other solution.
C) A maximum of 9 FAD's can be placed in the migration rack 1993530000. The use of the Siemens rail for S7-1500 6ES7590-1AE80-0AA0 is needed too

New system: Siemens S7-300

| Siemens S5-115 Old Card | Siemens S7-300 New Card | Card type | Number of signals | FAD | | | CABLES | | |
|--|----------------------------|-----------------|----------------------|--------------------------|-------------------------|------|------------|------------------------|------|
| | | | | Order No. | Type | Qty. | Order No. | Type | Qty. |
| 6ES5 420-7LA11 | 6ES7321-1BL00-0AA0 | Digital Input | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 430-7LA12 | 6ES7321-1BL00-0AA0 | Digital Input | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 435-7LA11 | 6ES7321-1FH00-0AA0 | Digital Input | 16 | 1985980000 | FAD S5115 SL24 M | 1 | 2004620xxx | PAC-S300-SL24-AR0-LLLM | 1 |
| 6ES5 435-7LC11 | 6ES7321-1FF10-0AA0 | Digital Input | 8 | 1985980000 | FAD S5115 SL24 M | 1 | 2004630xxx | PAC-S300-SL24-AR1-LLLM | 1 |
| 6ES5 436-7LA11 | 6ES7321-1FH00-0AA0 | Digital Input | 16 | 1985980000 | FAD S5115 SL24 M | 1 | 2004620xxx | PAC-S300-SL24-AR0-LLLM | 1 |
| 6ES5 436-7LC11 | 6ES7321-1FF10-0AA0 | Digital Input | 8 | 1985980000 | FAD S5115 SL24 M | 1 | 2004630xxx | PAC-S300-SL24-AR1-LLLM | 1 |
| 6ES5 441-7LA12 | 6ES7322-1BL00-0AA0 | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 451-7LA11 | 6ES7322-1BL00-0AA0 | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 451-7LA12 | 6ES7322-1BL00-0AA0 | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 451-7LA21 | 6ES7322-1BL00-0AA0 | Digital Output | 32 | 1991730000 ^{A)} | FAD S5115 2XHE20 32IO M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 454-7LA12 | 6ES7322-1BH00-0AA0 | Digital Output | 16 | 1986010000 ^{A)} | FAD S5115 HE20 16IO M | 1 | 7789234xxx | PAC-S300-HE20-V3-LLLM | 1 |
| 6ES5 458-7LB11 | 6ES7322-1HF10-0AA0 | Digital Output | 8 | 1985980000 | FAD S5115 SL24 M | 1 | 2004640xxx | PAC-S300-SL24-AY2-LLLM | 1 |
| 6ES5460-7LA12 (current, voltage and TC) | 6ES7331-7KF02-0AB0 | Analogue Input | 8 | 2045120000 | FAD S5115 SL46 A M | 1 | 2045970xxx | PAC-S300-SL46-AJ0-LLLM | 1 |
| 6ES5470-7LC12 | 6ES7332-5HF00-0AB0 | Analogue Output | 8 | 2045120000 | FAD S5115 SL46 A M | 1 | 2045910xxx | PAC-S300-SL46-AM0-LLLM | 1 |

Note: A) FAD designed to work with only one power supply. Please contact us for information on other solution.
B) Cable designed to work with only power supply. Please contact us for information on other solution.
C) A maximum of 9 FAD's can be placed in the migration rack 1993530000. The use of the Siemens rail for S7-300 6ES7390-1AE80-0AA0 is needed too

Solutions on demand

Our retrofit front-panel adapters and interfaces are the easiest way to connect old PLCs with new PLC systems.

The possible uses of our retrofit components are unlimited. Weidmüller has developed many products for migration systems.

We look forward to provide you with professional advice on the needed conversion for your system. Any customised solution is available on demand.

Selection Table for migration between SIEMENS S5-135 to Weidmüller u-remote/ SIEMENS S7-1500 and S7-300

The following selection tables help you to choose the FAD and pre-assembled cables to migrate from S5-135 to other systems.

1. Select the right table, depending on the new systems you need to migrate
2. Select the combination of "old Card" / "new card" you need to migrate from the corresponding table. For example: 6ES5 420-4UA13 to 1315210000 UR20-16DI-P-PLC-INT
3. Select the order number of the FAD to be ordered:
 - FAD code 1986050000
 - Quantity: 1 unit (by card)
4. Generate the order number of the cable to be ordered:
 - Cable code 1349670xxx
 - Quantity: 2 unit (by card)The last 3 digits indicate the length:
For example 015 indicates 1.5 m

Please always take into account the characteristics of the new PLC card so that it is able to provide enough current to your existing application to act the field elements.

New system: Weidmüller u-remote

| Siemens S5-135 Old Card | Weidmüller u-remote New Card | Card type | Number of signals | FAD | | | CABLES | | |
|----------------------------|--|----------------|----------------------|--------------------------|-------------------------|------|------------|-------------------------|------|
| | | | | Order No. | Type | Qty. | Order No. | Type | Qty. |
| 6ES5 420-4UA13 | 1315210000 UR20-16DI-P-PLC-INT (2 uds) | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 420-4UA14 | 1315210000 UR20-16DI-P-PLC-INT (2 uds) | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 430-4UA13 | 1315210000 UR20-16DI-P-PLC-INT (2 uds) | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 430-4UA14 | 1315210000 UR20-16DI-P-PLC-INT (2 uds) | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 432-4UA12 | 1315210000 UR20-16DI-P-PLC-INT (2 uds) | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 441-4UA13 | 1315270000 UR20-16DO-P-PLC-INT (2 uds) | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 441-4UA14 | 1315270000 UR20-16DO-P-PLC-INT (2 uds) | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 451-4UA13 | 1315270000 UR20-16DO-P-PLC-INT (2 uds) | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| 6ES5 451-4UA14 | 1315270000 UR20-16DO-P-PLC-INT (2 uds) | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |

Note: A) FAD designed to work with only one power supply. Please contact us for information on other solution.
 B) Cable designed to work with only power supply. Please contact us for information on other solution.
 C) A maximum of 20 FAD's can be placed in the migration rack 1993500000. The use of the Weidmüller Migration rail 2003740000 is needed too

New system: Siemens S7-1500

| Siemens S5-135 Old Card | Siemens S7-1500 New Card | Card type | Number of signals | FAD | | | CABLES | | |
|----------------------------|-----------------------------|----------------|----------------------|--------------------------|-------------------------|------|------------|-------------------------|------|
| | | | | Order No. | Type | Qty. | Order No. | Type | Qty. |
| 6ES5 420-4UA13 | 6ES7521-1BL00-0AB0 | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 420-4UA14 | 6ES7521-1BL00-0AB0 | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 430-4UA13 | 6ES7521-1BL00-0AB0 | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 430-4UA14 | 6ES7521-1BL00-0AB0 | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 432-4UA12 | 6ES7521-1BL00-0AB0 | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 436-4UA12 | 6ES7521-1FH00-0AA0 | Digital Input | 16 | 1986030000 | FAD S5135 SL20 R | 1 | 2004590xxx | PAC-S1500-SL20-ARO-LLLM | 1 |
| 6ES5 441-4UA13 | 6ES7522-1BL00-0AB0 | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 441-4UA14 | 6ES7522-1BL00-0AB0 | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 451-4UA13 | 6ES7522-1BL00-0AB0 | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 451-4UA14 | 6ES7522-1BL00-0AB0 | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| 6ES5 456-4UB12 | 6ES7522-5FF00-0AB0 | Digital Output | 8 | 1986030000 | FAD S5135 SL20 R | 1 | 2004600xxx | PAC-S1500-SL20-AV0-LLLM | 1 |

Note: A) FAD designed to work with only one power supply. Please contact us for information on other solution.
 B) Cable designed to work with only power supply. Please contact us for information on other solution.
 C) A maximum of 20 FAD's can be placed in the migration rack 1993500000. The use of the Siemens rail for S7-1500 6ES7590-1AE80-0AA0 is needed too

New system: Siemens S7-300

| Siemens S5-135 Old Card | Siemens S7-300 New Card | Card type | Number of signals | FAD | | | CABLES | | |
|----------------------------|----------------------------|----------------|----------------------|--------------------------|-------------------------|------|------------|-------------------------|------|
| | | | | Order No. | Type | Qty. | Order No. | Type | Qty. |
| 6ES5 420-4UA13 | 6ES7321-1BL00-0AA0 | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 420-4UA14 | 6ES7321-1BL00-0AA0 | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 430-4UA13 | 6ES7321-1BL00-0AA0 | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 430-4UA14 | 6ES7321-1BL00-0AA0 | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 432-4UA12 | 6ES7321-1BL00-0AA0 | Digital Input | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 1 |
| 6ES5 436-4UA12 | 6ES7321-1FH00-0AA0 | Digital Input | 16 | 1986030000 | FAD S5135 SL20 R | 1 | 2004880xxx | PAC-S300-SL20-ARO-LLLM | 1 |
| 6ES5 436-4UB12 | 6ES7321-1HF10-0AA0 | Digital Input | 8 | 1986030000 | FAD S5135 SL20 R | 1 | 2004870xxx | PAC-S300-SL20-AR1-LLLM | 1 |
| 6ES5 441-4UA13 | 6ES7322-1BL00-0AA0 | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 1 |
| 6ES5 441-4UA14 | 6ES7322-1BL00-0AA0 | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 1 |
| 6ES5 451-4UA13 | 6ES7322-1BL00-0AA0 | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 451-4UA14 | 6ES7322-1BL00-0AA0 | Digital Output | 32 | 1986050000 ^{A)} | FAD S5135 2XHE20 32IO R | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| 6ES5 454-4UA13 | 6ES7322-1BH00-0AA0 | Digital Output | 16 | 1986040000 ^{A)} | FAD S5135 HE20 16IO R | 1 | 7789234xxx | PAC-S300-HE20-V3-LLLM | 1 |
| 6ES5 454-4UA14 | 6ES7322-1BH00-0AA0 | Digital Output | 16 | 1986040000 ^{A)} | FAD S5135 HE20 16IO R | 1 | 7789234xxx | PAC-S300-HE20-V3-LLLM | 1 |
| 6ES5 456-4UA12 | 6ES7322-1HH01-0AA0 | Digital Output | 16 | 1986030000 | FAD S5135 SL20 R | 1 | 2004860xxx | PAC-S300-SL20-AV0-LLLM | 1 |
| 6ES5 456-4UB12 | 6ES7322-1HF10-0AA0 | Digital Output | 8 | 1986030000 | FAD S5135 SL20 R | 1 | 2004850xxx | PAC-S300-SL20-AV1-LLLM | 1 |

Note: A) FAD designed to work with only one power supply. Please contact us for information on other solution.
 B) Cable designed to work with only power supply. Please contact us for information on other solution.
 C) A maximum of 20 FAD's can be placed in the migration rack 1993500000. The use of the Siemens rail for S7-300 6ES7390-1AE80-0AA0 is needed too

Solutions on demand

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Selection Table for migration between Schneider TSX 7 to Weidmüller u-remote/ SIEMENS S7-1500 and S7-300

The following selection tables help you to choose the FAD and pre-assembled cables to migrate from TSX 7 to other systems.

1. Select the right table, depending on the new systems you need to migrate
2. Select the combination of "old Card" / "new card" you need to migrate from the corresponding table. For example: TSX DET 16 12 to 1315210000
UR20-16DI-P-PLC-INT
3. Select the order number of the FAD to be ordered:
 - FAD code 1985940000
 - Quantity: 1 unit (by card)
4. Generate the order number of the cable to be ordered:
 - Cable code 1349670xxx
 - Quantity: 1 unit (by card)The last 3 digits indicate the length:
For example 015 indicates 1.5 m

Please always take into account the characteristics of the new PLC card so that it is able to provide enough current to your existing application to act the field elements.

New system: Weidmüller u-remote

| Schneider TSX7 Old Card | Weidmüller u-remote New Card | Card type | Number of signals | FAD | | | CABLES | | |
|----------------------------|--|----------------|----------------------|--------------------------|----------------------|------|------------|-------------------------|------|
| | | | | Order No. | Type | Qty. | Order No. | Type | Qty. |
| TSX DET 16 12 | 1315210000 UR20-16DI-P-PLC-INT | Digital Input | 16 | 1985940000 ^{A)} | FAD BLK 1 HE20 16I M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 1 |
| TSX DET 32 52 | 1315210000 UR20-16DI-P-PLC-INT (2 uds) | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| TSX DET 32 42 | 1315210000 UR20-16DI-P-PLC-INT (2 uds) | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| TSX DET 32 32 | 1315210000 UR20-16DI-P-PLC-INT (2 uds) | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| TSX DST 16 82 | 1315270000 UR20-16DO-P-PLC-INT | Digital Output | 16 | 1985950000 | FAD BLK 1 HE20 16O M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 1 |
| TSX DST 32 92 | 1315270000 UR20-16DO-P-PLC-INT (2 uds) | Digital Output | 32 | 1985970000 | FAD BLK 9 2XHE20 M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 2 |
| TSX DST 16 32 | 1315270000 UR20-16DO-P-PLC-INT | Digital Output | 16 | 1985950000 ^{A)} | FAD BLK 1 HE20 16O M | 1 | 1349670xxx | PAC-UNIV-HE20-HE20-LLLM | 1 |

Note: A) FAD designed to work with only one power supply. Please contact us for information on other solution.
 B) Cable designed to work with only power supply. Please contact us for information on other solution.
 C) A maximum of 8 FAD's can be placed in the migration rack 1993520000. The use of the Weidmüller Migration rail 2003740000 is needed too

New system: Siemens S7-1500

| Schneider TSX7 Old Card | Siemens S7-1500 New Card | Card type | Number of signals | FAD | | | CABLES | | |
|----------------------------|-----------------------------|----------------|----------------------|--------------------------|----------------------|------|------------|-------------------------|------|
| | | | | Order No. | Type | Qty. | Order No. | Type | Qty. |
| TSX DET 16 12 | 6ES7521-1BH00-0AA0 | Digital Input | 16 | 1985940000 ^{A)} | FAD BLK 1 HE20 16I M | 1 | 1462090xxx | PAC-S1500-HE20-V1-LLLM | 1 |
| TSX DET 16 04 | 6ES7521-1FH00-0AA0 | Digital Input | 16 | 1985930000 | FAD BLK 1 SL24 M | 1 | 2004610xxx | PAC-S1500-SL24-ARO-LLLM | 1 |
| TSX DET 32 52 | 6ES7521-1BL00-0AB0 | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| TSX DET 32 42 | 6ES7521-1BL00-0AB0 | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| TSX DET 32 32 | 6ES7521-1BL00-0AB0 | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| TSX DST 32 92 | 6ES7522-1BL00-0AB0 | Digital Output | 32 | 1985970000 | FAD BLK 9 2XHE20 M | 1 | 1462040xxx | PAC-S1500-HE20-V0-LLLM | 1 |
| TSX DST 16 32 | 6ES7522-1BH00-0AB0 | Digital Output | 16 | 1985950000 | FAD BLK 1 HE20 16O M | 1 | 1462090xxx | PAC-S1500-HE20-V1-LLLM | 1 |

Note: A) FAD designed to work with only one power supply. Please contact us for information on other solution.
 B) Cable designed to work with only power supply. Please contact us for information on other solution.
 C) A maximum of 8 FAD's can be placed in the migration rack 1993520000. The use of the Siemens rail for S7-1500 6ES7590-1AE80-0AA0 is needed too

New system: Siemens S7-300

| Schneider TSX7 Old Card | Siemens S7-300 New Card | Card type | Number of signals | FAD | | | CABLES | | |
|----------------------------|----------------------------|----------------|----------------------|--------------------------|----------------------|------|------------|------------------------|------|
| | | | | Order No. | Type | Qty. | Order No. | Type | Qty. |
| TSX DET 16 12 | 6ES7321-1BH00-0AA0 | Digital Input | 16 | 1985940000 ^{A)} | FAD BLK 1 HE20 16I M | 1 | 7789234xxx | PAC-S300-HE20-V3-LLLM | 1 |
| TSX DET 16 12 | 6ES7321-1BH01-0AA0 | Digital Input | 16 | 1985940000 ^{A)} | FAD BLK 1 HE20 16I M | 1 | 7789234xxx | PAC-S300-HE20-V3-LLLM | 1 |
| TSX DET 16 12 | 6ES7321-1BH02-0AA0 | Digital Input | 16 | 1985940000 ^{A)} | FAD BLK 1 HE20 16I M | 1 | 7789234xxx | PAC-S300-HE20-V3-LLLM | 1 |
| TSX DET 16 04 | 6ES7 321-1FH00-0AA0 | Digital Input | 16 | 1985930000 | FAD BLK 1 SL24 M | 1 | 2004650xxx | PAC-S300-SL24-AR2-LLLM | 1 |
| TSX DET 8 05 | 6ES7 321-1FF10-0AA0 | Digital Input | 8 | 1985930000 | FAD BLK 1 SL24 M | 1 | 2004660xxx | PAC-S300-SL24-AR3-LLLM | 1 |
| TSX DET 32 52 | 6ES7 321-1BL00-0AA0 | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| TSX DET 32 52 | 6ES7 321-1BL80-0AA0 | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| TSX DET 32 42 | 6ES7 321-1BL00-0AA0 | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| TSX DET 32 42 | 6ES7 321-1BL80-0AA0 | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| TSX DET 32 32 | 6ES7 321-1BL00-0AA0 | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| TSX DET 32 32 | 6ES7 321-1BL80-0AA0 | Digital Input | 32 | 1985960000 | FAD BLK 7 2XHE20 M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| TSX DST 16 82 | 6ES7322-1BL00-0AA0 | Digital Output | 16 | 1985950000 | FAD BLK 1 HE20 16O M | 1 | 7789234xxx | PAC-S300-HE20-V3-LLLM | 1 |
| TSX DST 32 92 | 6ES7322-1BH00-0AA0 | Digital Output | 32 | 1985970000 | FAD BLK 9 2XHE20 M | 1 | 7789236xxx | PAC-S300-HE20-V4-LLLM | 1 |
| TSX DST 16 32 | 6ES7322-1BL00-0AA0 | Digital Output | 16 | 1985950000 | FAD BLK 1 HE20 16O M | 1 | 7789234xxx | PAC-S300-HE20-V3-LLLM | 1 |

Note: A) FAD designed to work with only one power supply. Please contact us for information on other solution.
 B) Cable designed to work with only power supply. Please contact us for information on other solution.
 C) A maximum of 8 FAD's can be placed in the migration rack 1993520000. The use of the Siemens rail for S7-300 6ES7390-1AE80-0AA0 is needed too

Solutions on demand

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Selection Table for migration between Siemens S5-115/S5-135 Schneider TSX/Premium /Rockwell PLC-5 to Ferrules

The following selection tables help you to choose the pre-assembled cables to migrate from Siemens S5-115/S5-135 / Schneider TSX /Premium / Rockwell PLC 5 to other PLC platforms through cables with ferrules

| | Front-adaptor FAD | | Pre-assembled cables | | | |
|-------------------|-------------------|-------------------------|----------------------|---------------------------|---------------------------------------|-----------------------|
| | Order No. | Type | Order No. | Type | Type of cable | Number of cables /FAD |
| SIEMENS S5-115 | 1986010000 | FAD S5115 HE20 16IO M | 1349790XXX | PAC-UNIV-HE20-F-XXXX | unshielded cable 0.14 mm ² | 1 |
| SIEMENS S5-115 | 1991730000 | FAD S5115 2XHE20 32IO M | 1349790XXX | PAC-UNIV-HE20-F-XXXX | unshielded cable 0.14 mm ² | 2 |
| SIEMENS S5-115 | 1985980000 | FAD S5115 SL24 M | 2789780XXX | PAC-BL24-F-M50-XXXX | shielded cable 0.5 mm ² | 1 |
| SIEMENS S5-115 | 2045120000 | FAD S5115 SL46 A M | 2789800XXX | PAC-BL46-F-M50-XXXX | shielded cable 0.5 mm ² | 1 |
| SIEMENS S5-135 | 1986040000 | FAD S5135 HE20 16IO R | 1349790XXX | PAC-UNIV-HE20-F-XXXX | unshielded cable 0.14 mm ² | 1 |
| SIEMENS S5-135 | 1986050000 | FAD S5135 2XHE20 32IO R | 1349790XXX | PAC-UNIV-HE20-F-XXXX | unshielded cable 0.14 mm ² | 2 |
| SIEMENS S5-135 | 1986030000 | FAD S5135 SL20 R | 2789770XXX | PAC-BL20-F-M50-XXXX | shielded cable 0.5 mm ² | 1 |
| SIEMENS S5-135 | 2435110000 | FAD S5135 SL42 A R | 2789790XXX | PAC-BL42-F-M50-XXXX | shielded cable 0.5 mm ² | 1 |
| SCHNEIDER TSX7 | 1985940000 | FAD BLK1 HE20 16I M | 1349790XXX | PAC-UNIV-HE20-F-XXXX | unshielded cable 0.14 mm ² | 1 |
| SCHNEIDER TSX7 | 1985950000 | FAD BLK1 HE20 16O M | 1349790XXX | PAC-UNIV-HE20-F-XXXX | unshielded cable 0.14 mm ² | 1 |
| SCHNEIDER TSX7 | 1985930000 | FAD BLK1 SL24 M | 2789780XXX | PAC-BL24-F-M50-XXXX | shielded cable 0.5 mm ² | 1 |
| SCHNEIDER TSX7 | 1985960000 | FAD BLK7 2XHE20 M | 1349790XXX | PAC-UNIV-HE20-F-XXXX | unshielded cable 0.14 mm ² | 2 |
| SCHNEIDER TSX7 | 1985970000 | FAD BLK9 2XHE20 M | 1349790XXX | PAC-UNIV-HE20-F-XXXX | unshielded cable 0.14 mm ² | 2 |
| SCHNEIDER TSX7 | 2494590000 | FAD BLK4 2XSL20 | 2830380XXX | PAC-2BLZF20-F-C50-V1-XXXX | shielded cable 0.5 mm ² | 1 |
| SCHNEIDER PREMIUM | 8000070313 | FAD PREM BLY01 | 2830390XXX | PAC-2B2CF10-F-XXXX | shielded cable 0.5 mm ² | 1 |
| SCHNEIDER PREMIUM | 8000070314 | FAD PREM 4HE20 | 2865890XXX | PAC-B2CF20-F-XXXX | unshielded cable 0.14 mm ² | 4 |
| SCHNEIDER PREMIUM | 8000070315 | FAD PREM 2SD25F | 2865900XXX | PAC-B2CF26-F-XXXX | shielded cable 0.5 mm ² | 2 |
| ROCKWELL PLC-5 | 2448650000 | FAD 1771-WA/WC BL10 M | 2679940XXX | PAC-BLZF10-F-C50-XXXX | single cable 0.5 mm ² | 1 |
| ROCKWELL PLC-5 | 2448680000 | FAD 1771-WB/WD BL12 M | 2679960XXX | PAC-BLZF12-F-C50-XXXX | single cable 0.5 mm ² | 1 |
| ROCKWELL PLC-5 | 2448660000 | FAD 1771-WH BL21 M | 2679980XXX | PAC-2BLZF11-F-C50-XXXX | single cable 0.5 mm ² | 1 |
| ROCKWELL PLC-5 | 2563110000 | FAD 1771-WG BL21 M | 2820530XXX | PAC-2BLZF11-F-C50-V1-XXXX | single cable 0.5 mm ² | 1 |
| ROCKWELL PLC-5 | 2448690000 | FAD 1771-WF BL18 M | 2679970XXX | PAC-BLZF18-F-C50-XXXX | single cable 0.5 mm ² | 1 |
| ROCKWELL PLC-5 | 2448670000 | FAD 1771-WN 2BL20 M | 2679950XXX | PAC-2BLZF20-F-C50-XXXX | single cable 0.5 mm ² | 1 |

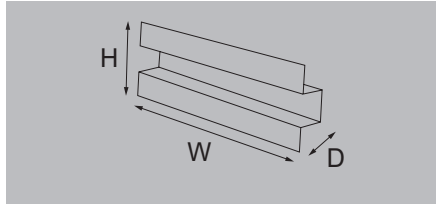
FAD – front adapters for migrations from Siemens S5-115 – Bridge System

FAD – front adapters for migrations from Siemens S5-115

The FAD S5-115 front adapters with pre-assembled cables provide safe migration from the old S5-115 to other PLC systems or to the u-remote system from Weidmüller.

- Clip-in foot for TS35
- S5-115 card is powered by a single power supply

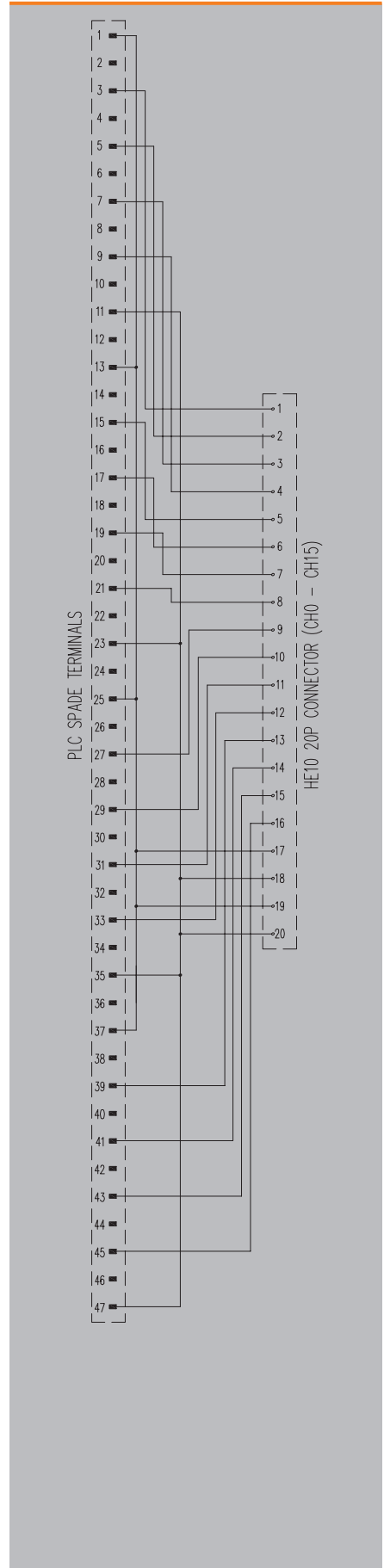
FAD S5115 HE20 16IO M



Technical data

| | |
|--|--|
| Connection data | |
| Connection (field side) | Plug-in connectors according to IEC 60603-13 / DIN 41651 20p |
| Rated data | |
| Operating voltage | 30 V AC / 60 V DC |
| Max. current per channel | 1 A |
| Max. current per byte | 2 A |
| Total operating current | 3 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 50 V AC |
| Surge voltage category | III |
| Pollution severity level | 2 |
| Insulation test voltage | 0.35 kVAC |

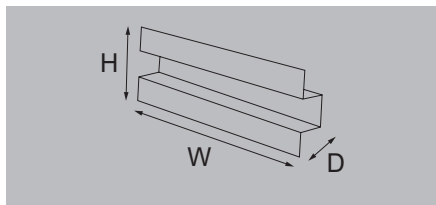
| | | |
|------------------------|------------------------|------------------|
| Dimensions | | |
| Width / Height / Depth | 46 mm / 280 mm / 36 mm | |
| Note | | |
| | | |
| Ordering data | | |
| Type | Qty. | Order No. |
| FAD S5115 HE20 16IO M | 1 | 1986010000 |
| Note | | |
| | | |
| Accessories | | |
| Note | | |
| | | |



FAD – front adapters for migrations from Siemens S5-115

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- Clip-in foot for TS35
- S5-115 card is powered by a single power supply



FAD S5115 2XHE20 32IO M



Technical data

| | |
|--|--|
| Connection data | |
| Connection (field side) | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Max. current per byte | |
| Total operating current | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Insulation test voltage | |

| | |
|--|---|
| | 2 x Connector according IEC60603-13/DIN41651 20 p |
| | 30 V AC / 60 V DC |
| | 1 A |
| | 2 A |
| | 6 A |
| | -25...50 °C |
| | -40...60 °C |
| | CE, EAC |
| | < 50 V AC |
| | III |
| | 2 |
| | 0.35 kVAC |

| | |
|------------------------|--|
| Dimensions | |
| Width / Height / Depth | |

| | |
|--|------------------------|
| | 46 mm / 280 mm / 36 mm |
|--|------------------------|

| | |
|-------------|--|
| Note | |
|-------------|--|

| | |
|--|--|
| | |
|--|--|

Ordering data

| | |
|--|--|
| | |
|--|--|

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| FAD S5115 2XHE20 32IO M | 1 | 1991730000 |

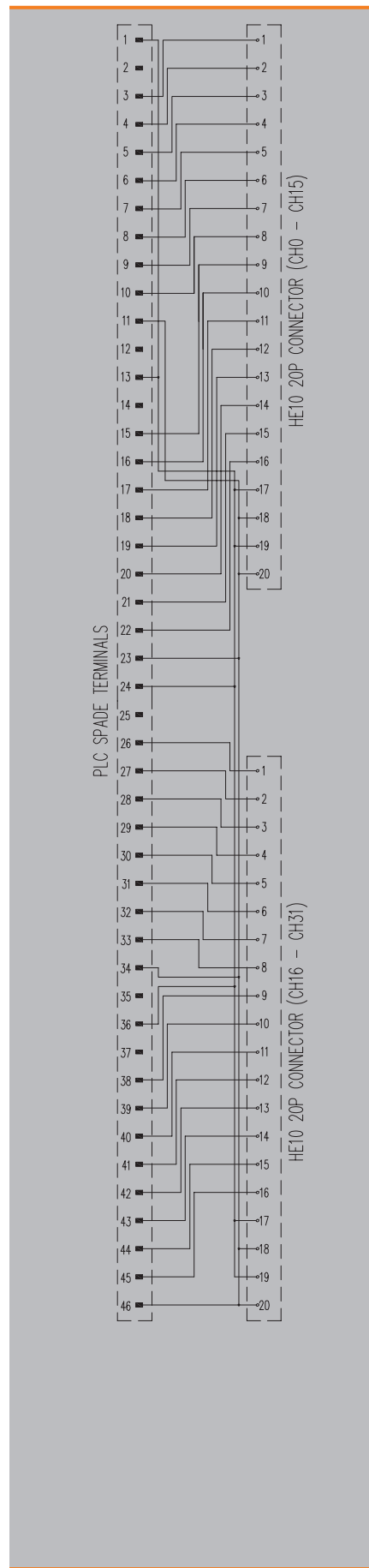
| | |
|-------------|--|
| Note | |
|-------------|--|

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| | |
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Accessories

| | |
|-------------|--|
| Note | |
|-------------|--|

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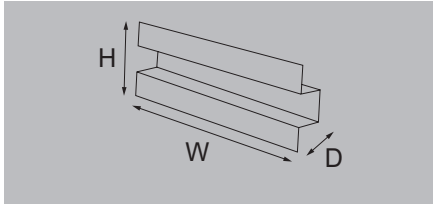


FAD – front adapters for migrations from Siemens S5-115 – Bridge System

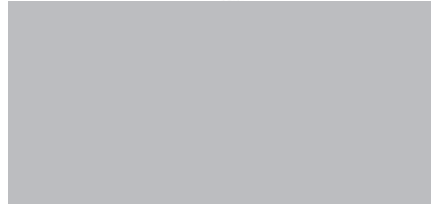
FAD – front adapters for migrations
from Siemens S5-115

The FAD S5-115 front adapters with pre-assembled cables provide safe migration from the old S5-115 to other PLC systems or to the u-remote system from Weidmüller.

- Clip-in foot for TS35
- S5-115 card is powered by a single power supply



FAD S5115 SL24 M



Technical data

| Connection data | |
|-----------------------------------|-------------|
| Connection (field side) | SL 5.08 mm |
| Rated data | |
| Operating voltage | 250 V AC |
| Max. current per channel | 6 A |
| Max. current per byte | |
| Total operating current | 32 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE; EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 250 V AC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 1.2 kVAC |

| Dimensions | |
|------------------------|------------------------|
| Width / Height / Depth | 46 mm / 280 mm / 25 mm |

| Note | |
|------|--|
| | |

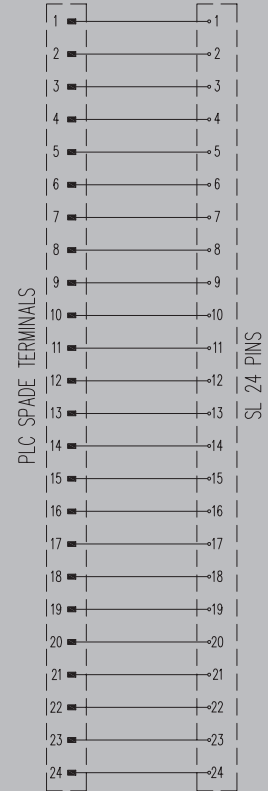
Ordering data

| Type | Qty. | Order No. |
|------------------|------|------------|
| FAD S5115 SL24 M | 1 | 1985980000 |

| Note | |
|------|--|
| | |

Accessories

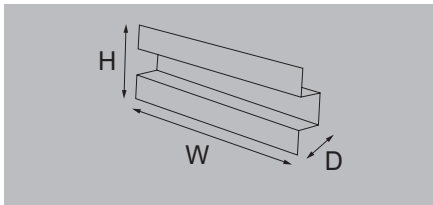
| Note | |
|------|---|
| | 1610590000 - BLC 5.08/12/180R OR BX (2 units) |



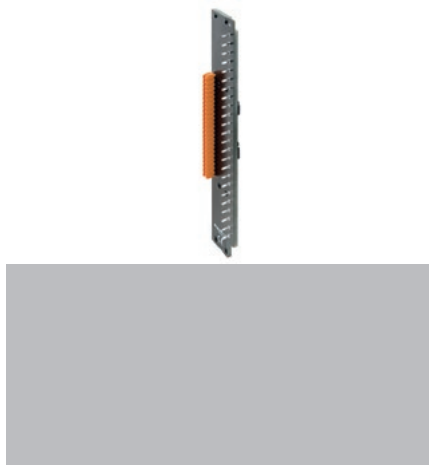
FAD – front adapters for migrations from Siemens S5-115

The FAD S5-115 front adapters with pre-assembled cables provide safe migration from the old S5-115 to other PLC systems or to the u-remote system from Weidmüller.

- Clip-in foot for TS35
- S5-115 card is powered by a single power supply



FAD S5115 SL46 A M



Technical data

| | |
|--|-------------|
| Connection data | |
| Connection (field side) | SL 5.08 mm |
| Rated data | |
| Operating voltage | 250 V AC |
| Max. current per channel | 6 A |
| Max. current per byte | |
| Total operating current | 32 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 250 V AC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 1.2 kVAC |

| | |
|------------------------|------------------------|
| Dimensions | |
| Width / Height / Depth | 46 mm / 280 mm / 25 mm |

Dimensions

Width / Height / Depth

46 mm / 280 mm / 25 mm

Note

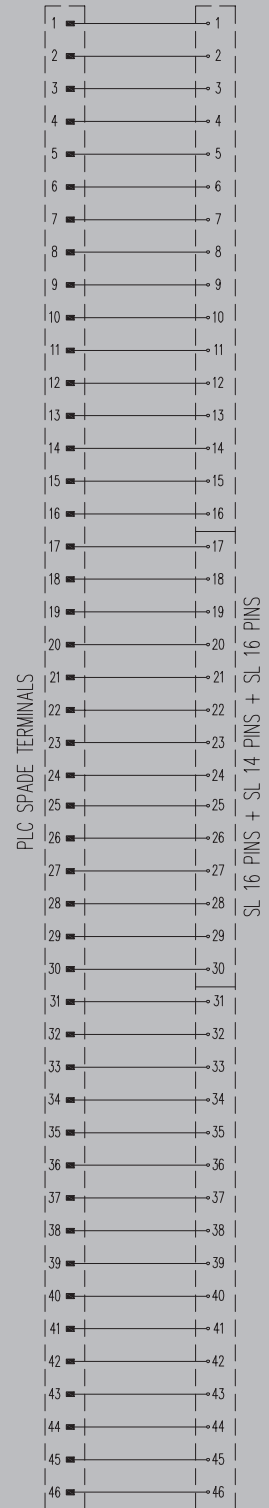
Ordering data

| Type | Qty. | Order No. |
|--------------------|------|------------|
| FAD S5115 SL46 A M | 1 | 2045120000 |

Note

Accessories

| | |
|-------------|--|
| Note | 1610630000 - BLC 5.08/16/180R OR BX (2 units)+1610610000 - CON. BLC 5.08/14/180R OR BX |
|-------------|--|

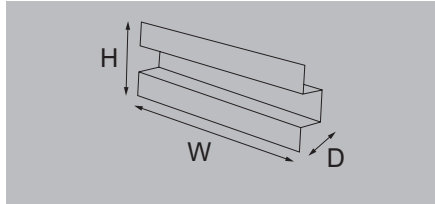


FAD – front adapters for migrations from Siemens S5-135

The FAD S5-135 front adapters with pre-assembled cables provide safe migration from the old S5-135 to other PLC systems or to the u-remote system from Weidmüller.

- S5-135 card is powered by a single power supply

FAD S5135 HE20 16IO M



Technical data

| | |
|--|--|
| Connection data | |
| Connection (field side) | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Max. current per byte | |
| Total operating current | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Insulation test voltage | |

| | |
|--|--|
| Plug-in connectors according to IEC 60603-13 / DIN 41651 20p | |
| 30 V AC / 60 V DC | |
| 1 A | |
| 2 A | |
| 3 A | |
| -25...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |

| | |
|------------------------|--|
| Dimensions | |
| Width / Height / Depth | |

| |
|------------------------|
| 20 mm / 283 mm / 30 mm |
|------------------------|

| | |
|-------------|--|
| Note | |
|-------------|--|

| |
|--|
| |
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Ordering data

| |
|--|
| |
|--|

| Type | Qty. | Order No. |
|-----------------------|------|------------|
| FAD S5135 HE20 16IO R | 1 | 1986040000 |

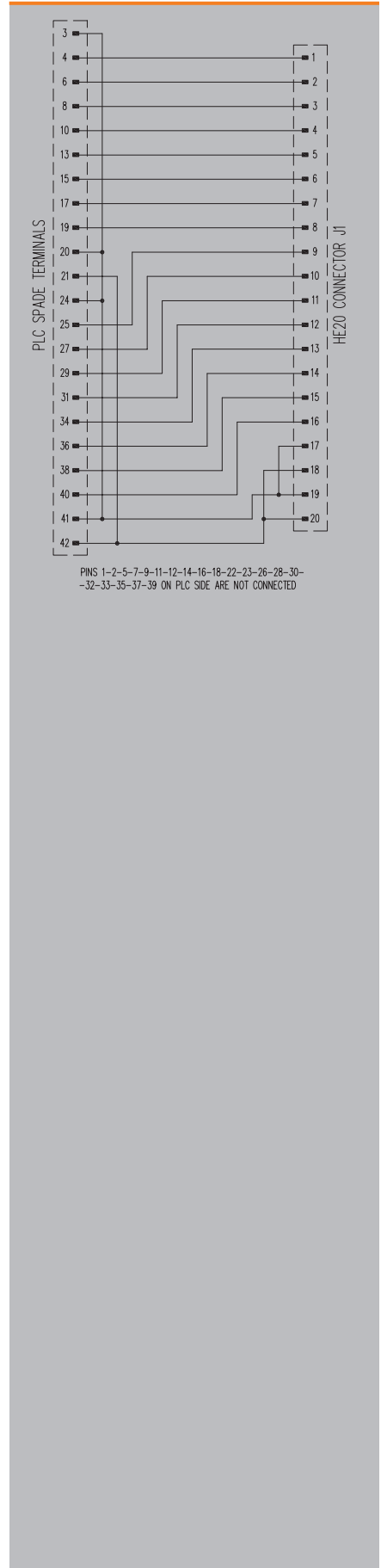
| | |
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| Note | |
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Accessories

| | |
|-------------|--|
| Note | |
|-------------|--|

| |
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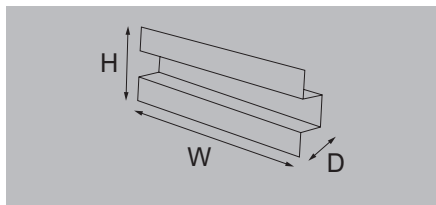


FAD – front adapters for migrations from Siemens S5-135

The FAD S5-135 front adapters with pre-assembled cables provide safe migration from the old S5-135 to other PLC systems or to the u-remote system from Weidmüller.

- S5-135 card is powered by a single power supply

FAD S5135 2XHE20 32IO M



Technical data

| | |
|--|--|
| Connection data | |
| Connection (field side) | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Max. current per byte | |
| Total operating current | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Insulation test voltage | |

| |
|---|
| 2 x Connector according IEC60603-13/DIN41651 20 p |
| 30 V AC / 60 V DC |
| 1 A |
| 2 A |
| 6 A |
| -25...50 °C |
| -40...60 °C |
| CE; EAC |
| < 50 V AC |
| III |
| 2 |
| 0.35 kVAC |

| | |
|------------------------|--|
| Dimensions | |
| Width / Height / Depth | |

| |
|------------------------|
| 20 mm / 283 mm / 36 mm |
|------------------------|

| |
|-------------|
| Note |
|-------------|

Ordering data

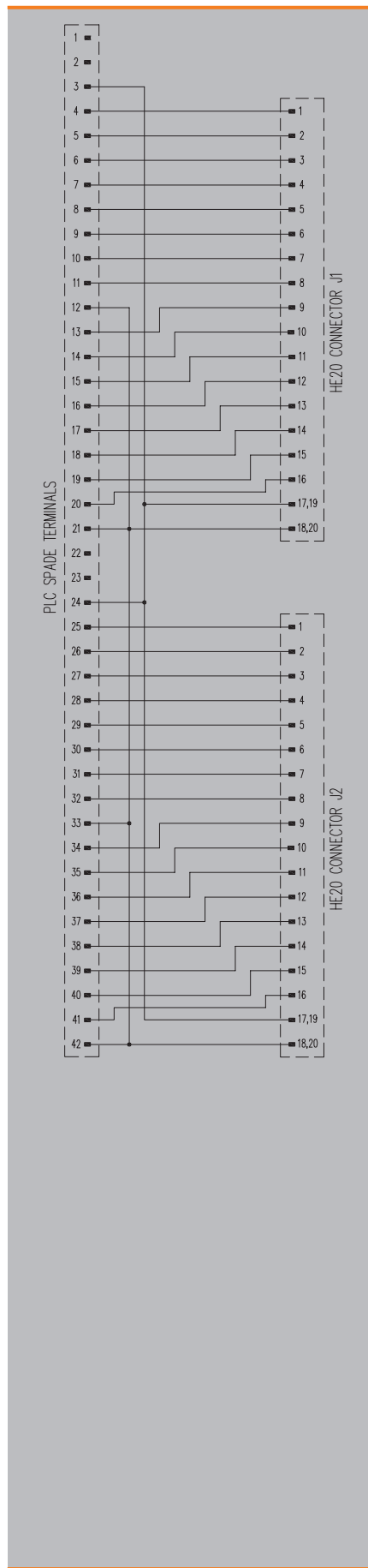
| |
|--|
| |
|--|

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| FAD S5135 2XHE20 32IO R | 1 | 1986050000 |

| |
|-------------|
| Note |
|-------------|

Accessories

| |
|-------------|
| Note |
|-------------|



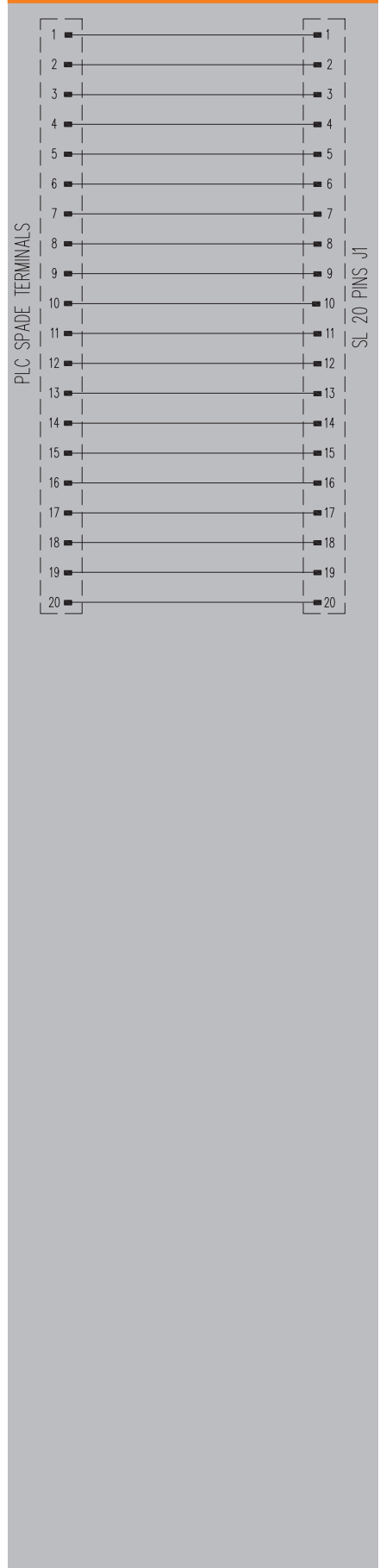
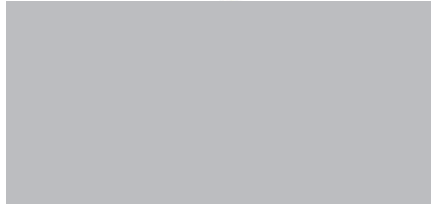
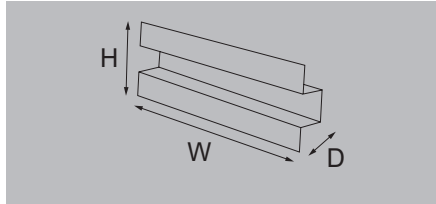
FAD – front adapters for migrations from Siemens S5-135 – Bridge System

FAD – front adapters for migrations from Siemens S5-135

The FAD S5-135 front adapters with pre-assembled cables provide safe migration from the old S5-135 to other PLC systems or to the u-remote system from Weidmüller.

- S5-135 card is powered by a single power supply

FAD S5135 SL20 M



Technical data

| | |
|--|-------------|
| Connection data | |
| Connection (field side) | SL 5.08 mm |
| Rated data | |
| Operating voltage | 250 V AC |
| Max. current per channel | 6 A |
| Max. current per byte | |
| Total operating current | 32 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 250 V AC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 1.2 kVAC |

| | |
|------------------------|------------------------|
| Dimensions | |
| Width / Height / Depth | 20 mm / 283 mm / 23 mm |

| | |
|-------------|--|
| Note | |
|-------------|--|

Ordering data

| Type | Qty. | Order No. |
|------------------|------|------------|
| FAD S5135 SL20 R | 1 | 1986030000 |

| | |
|-------------|--|
| Note | |
|-------------|--|

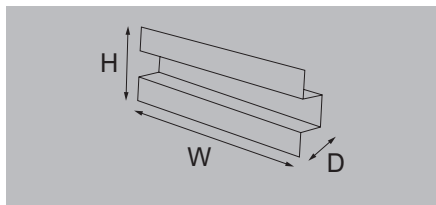
Accessories

| | |
|-------------|---|
| Note | 1610570000 - BLC 5.08/10/180R OR BX (2 units) |
|-------------|---|

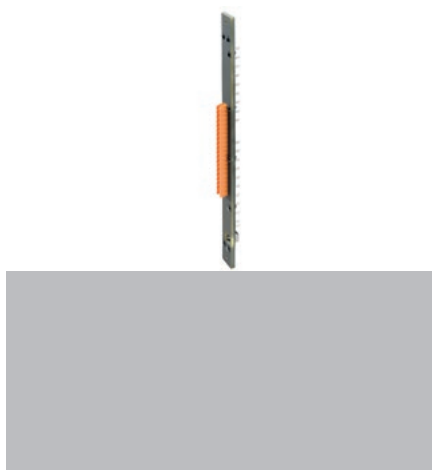
FAD – front adapters for migrations from Siemens S5-135

The FAD S5-135 front adapters with pre-assembled cables provide safe migration from the old S5-135 to other PLC systems or to the u-remote system from Weidmüller.

- S5-135 card is powered by a single power supply



FAD S5135 SL42 R



Technical data

| | |
|--|-------------|
| Connection data | |
| Connection (field side) | SL 5.08 mm |
| Rated data | |
| Operating voltage | 250 V AC |
| Max. current per channel | 4 A |
| Max. current per byte | |
| Total operating current | 32 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE; EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 250 V AC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 1.2 kVAC |

| | |
|------------------------|------------------------|
| Dimensions | |
| Width / Height / Depth | 20 mm / 283 mm / 23 mm |

| | |
|-------------|--|
| Note | |
|-------------|--|

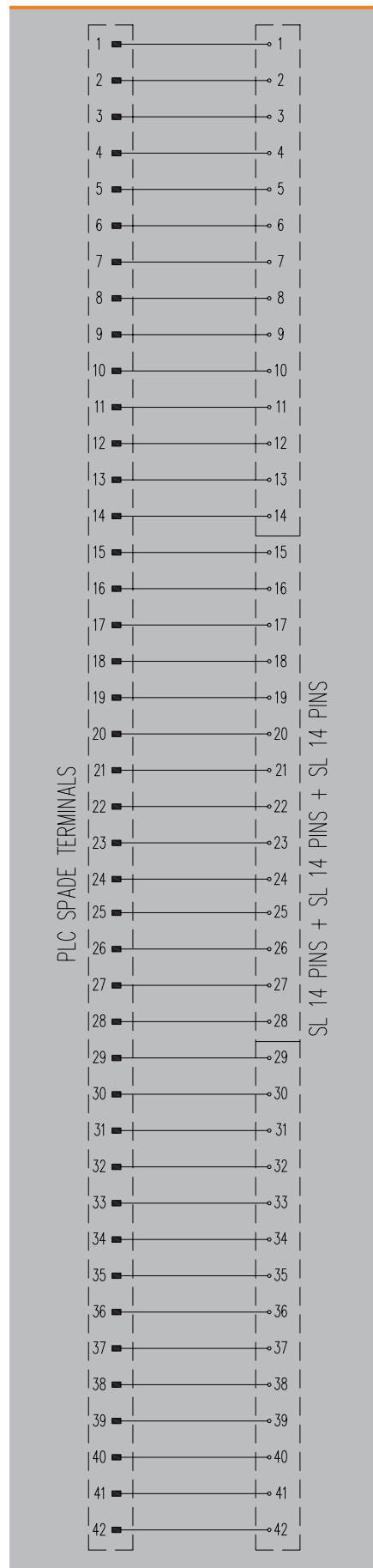
Ordering data

| | | |
|--------------------|-------------|------------------|
| Type | Qty. | Order No. |
| FAD S5135 SL42 A R | 1 | 2435110000 |

| | |
|-------------|--|
| Note | |
|-------------|--|

Accessories

| | |
|-------------|---|
| Note | 1610610000 - BLC 5.08/14/180R OR BX (3 units) |
|-------------|---|

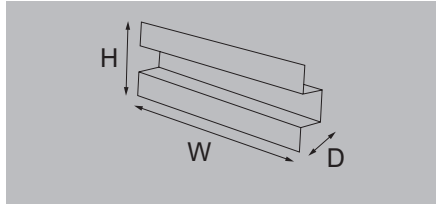


FAD – front adapters for migrations from Schneider TSX

The Weidmüller FAD BLK front adapters with pre-assembled cables provide safe migration from the old TSX47 to other PLC systems or to the u-remote system from Weidmüller.

- Clip-in foot for TS35

FAD BLK1 HE20 16I M



Technical data

| | |
|--|--|
| Connection data | |
| Connection (field side) | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Max. current per byte | |
| Total operating current | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Insulation test voltage | |

| | |
|--|--|
| Plug-in connectors according to IEC 60603-13 / DIN 41651 20p | |
| 30 V AC / 60 V DC | |
| 1 A | |
| 2 A | |
| 3 A | |
| -25...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |

| | |
|------------------------|--|
| Dimensions | |
| Width / Height / Depth | |

| |
|------------------------|
| 54 mm / 218 mm / 40 mm |
|------------------------|

| | |
|-------------|--|
| Note | |
|-------------|--|

Ordering data

| Type | Qty. | Order No. |
|---------------------|------|------------|
| FAD BLK1 HE20 16I M | 1 | 1985940000 |

| | |
|-------------|--|
| Note | |
|-------------|--|

Accessories

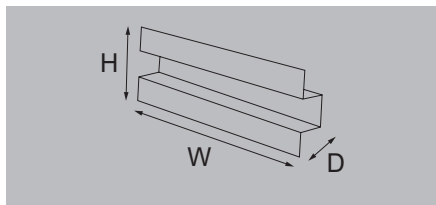
| | |
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| Note | |
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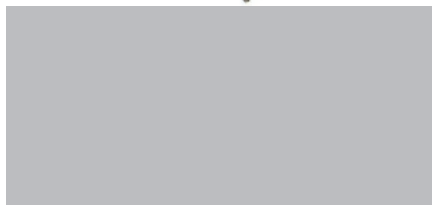
FAD – front adapters for migrations from Schneider TSX

The Weidmüller FAD BLK front adapters with pre-assembled cables provide safe migration from the old TSX47 to other PLC systems or to the u-remote system from Weidmüller.

- Clip-in foot for TS35



FAD BLK1 HE20 160 M



Technical data

| | |
|--|--|
| Connection data | |
| Connection (field side) | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Max. current per byte | |
| Total operating current | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Insulation test voltage | |

| | |
|--|--|
| Plug-in connectors according to IEC 60603-13 / DIN 41651 20p | |
| 30 V AC / 60 V DC | |
| 1 A | |
| 2 A | |
| 3 A | |
| -25...50 °C | |
| -40...60 °C | |
| CE; EAC | |
| < 50 V AC | |
| III | |
| 2 | |
| 0.35 kVAC | |

| | |
|------------------------|--|
| Dimensions | |
| Width / Height / Depth | |

| |
|------------------------|
| 54 mm / 218 mm / 36 mm |
|------------------------|

| | |
|-------------|--|
| Note | |
|-------------|--|

Ordering data

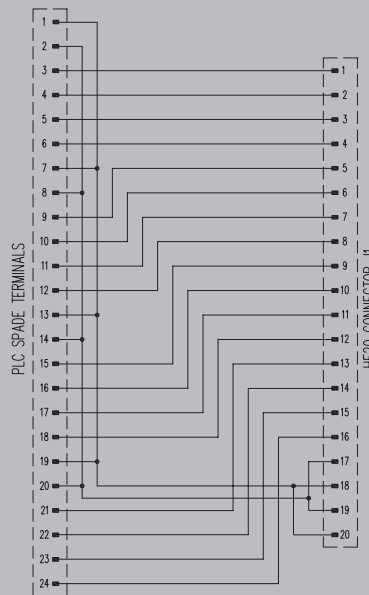
| | | |
|--|--|--|
| | | |
|--|--|--|

| Type | Qty. | Order No. |
|---------------------|------|------------|
| FAD BLK1 HE20 160 M | 1 | 1985950000 |

| | |
|-------------|--|
| Note | |
|-------------|--|

Accessories

| | |
|-------------|--|
| Note | |
|-------------|--|

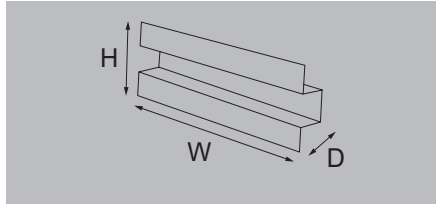


FAD – front adapters for migrations from Schneider TSX

The Weidmüller FAD BLK front adapters with pre-assembled cables provide safe migration from the old TSX47 to other PLC systems or to the u-remote system from Weidmüller.

- Clip-in foot for TS35

FAD BLK1 SL24 M



Technical data

| | |
|--|-------------|
| Connection data | |
| Connection (field side) | SL 5.08 mm |
| Rated data | |
| Operating voltage | 250 V AC |
| Max. current per channel | 6 A |
| Max. current per byte | |
| Total operating current | 32 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 250 V AC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 1.2 kVAC |

| | |
|------------------------|------------------------|
| Dimensions | |
| Width / Height / Depth | 54 mm / 218 mm / 36 mm |

| | |
|-------------|--|
| Note | |
|-------------|--|

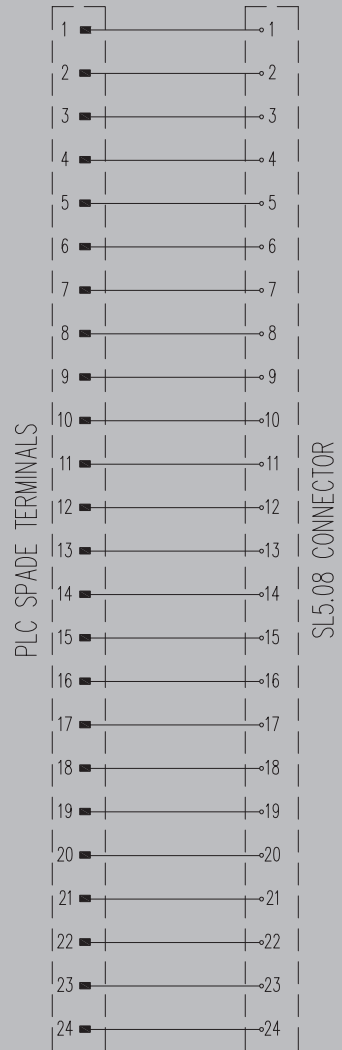
Ordering data

| Type | Qty. | Order No. |
|-----------------|------|------------|
| FAD BLK1 SL24 M | 1 | 1985930000 |

| | |
|-------------|--|
| Note | |
|-------------|--|

Accessories

| | |
|-------------|---|
| Note | 1610590000 - BLC 5.08/12/180R OR BX (2 units) |
|-------------|---|

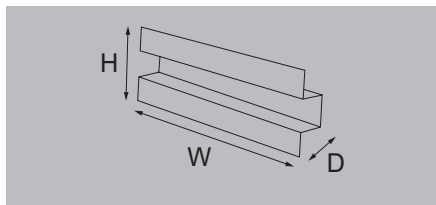


FAD – front adapters for migrations from Schneider TSX

The Weidmüller FAD BLK front adapters with pre-assembled cables provide safe migration from the old TSX47 to other PLC systems or to the u-remote system from Weidmüller.

- Clip-in foot for TS35

FAD BLK7 2XHE20 M



Technical data

| | |
|--|--|
| Connection data | |
| Connection (field side) | |
| Rated data | |
| Operating voltage | |
| Max. current per channel | |
| Max. current per byte | |
| Total operating current | |
| General data | |
| Ambient temperature (operational) | |
| Storage temperature | |
| Approvals | |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | |
| Surge voltage category | |
| Pollution severity level | |
| Insulation test voltage | |

| | |
|---|-------------|
| Connection data | |
| 2 x Connector according IEC60603-13/DIN41651 20 p | |
| Rated data | |
| 30 V AC / 60 V DC | |
| Max. current per channel | 1 A |
| Max. current per byte | 2 A |
| Total operating current | 6 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 250 V AC |
| Surge voltage category | III |
| Pollution severity level | 2 |
| Insulation test voltage | 1.2 kVAC |

| | |
|------------------------|------------------------|
| Dimensions | |
| Width / Height / Depth | 54 mm / 218 mm / 36 mm |

| | |
|-------------|--|
| Note | |
|-------------|--|

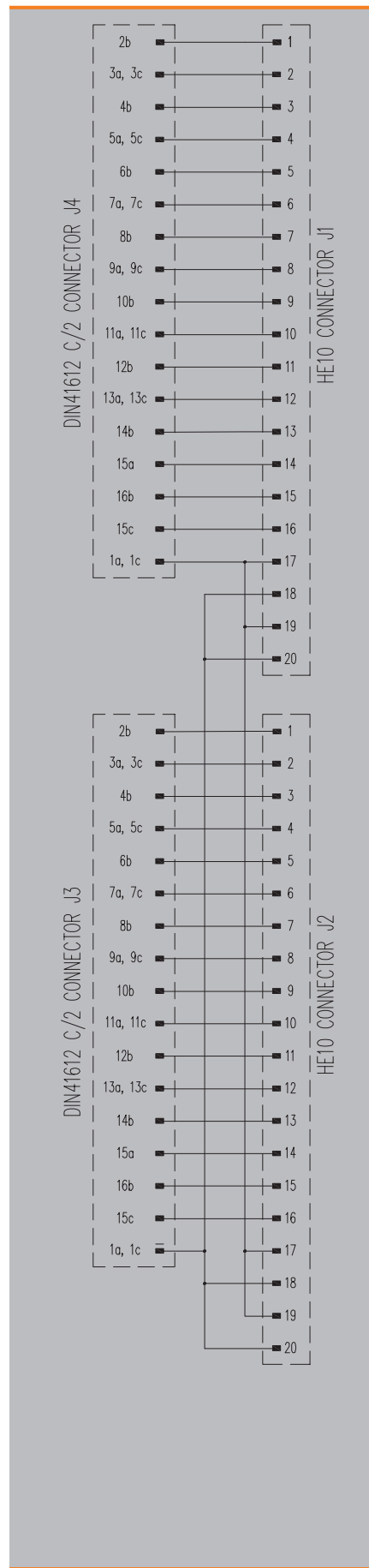
Ordering data

| | | |
|-------------------|-------------|------------------|
| Type | Qty. | Order No. |
| FAD BLK7 2XHE20 M | 1 | 1985960000 |

| | |
|-------------|--|
| Note | |
|-------------|--|

Accessories

| | |
|-------------|--|
| Note | |
|-------------|--|

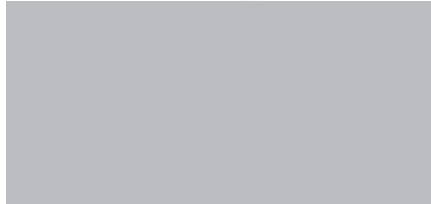
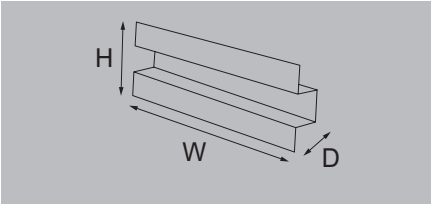


FAD – front adapters for migrations from Schneider TSX

The Weidmüller FAD BLK front adapters with pre-assembled cables provide safe migration from the old TSX47 to other PLC systems or to the u-remote system from Weidmüller.

- Clip-in foot for TS35

FAD BLK9 2XHE20 M



Technical data

| | |
|--|---|
| Connection data | |
| Connection (field side) | 2 x Connector according IEC60603-13/DIN41651 20 p |
| Rated data | |
| Operating voltage | 30 V AC / 60 V DC |
| Max. current per channel | 1 A |
| Max. current per byte | 2 A |
| Total operating current | 6 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | < 250 V AC |
| Surge voltage category | III |
| Pollution severity level | 2 |
| Insulation test voltage | 1.2 kVAC |

| | |
|------------------------|------------------------|
| Dimensions | |
| Width / Height / Depth | 54 mm / 218 mm / 36 mm |

| | |
|------------------------|------------------------|
| Dimensions | |
| Width / Height / Depth | 54 mm / 218 mm / 36 mm |

| | |
|-------------|--|
| Note | |
|-------------|--|

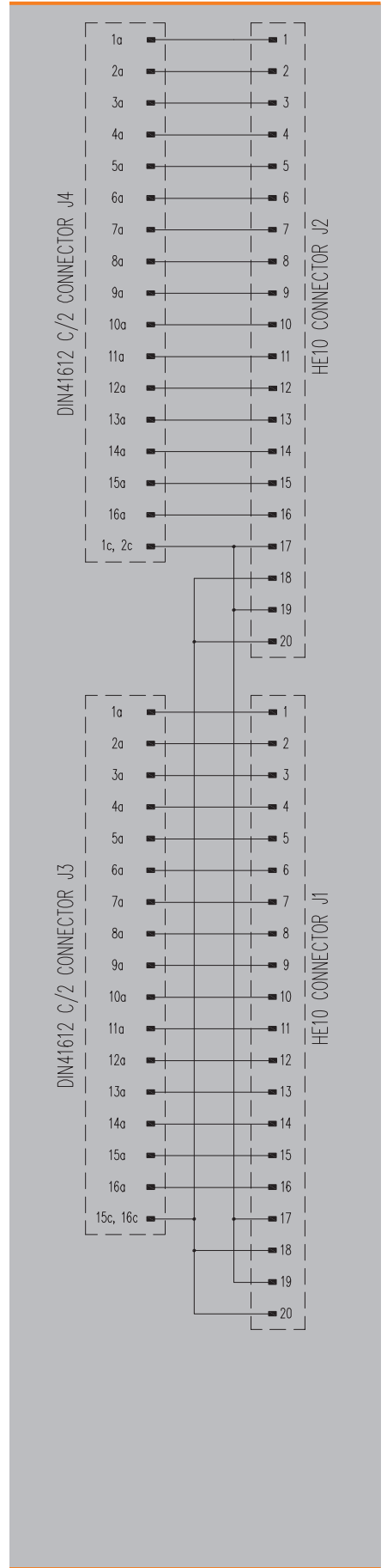
Ordering data

| | | |
|-------------------|-------------|------------------|
| Type | Qty. | Order No. |
| FAD BLK9 2XHE20 M | 1 | 1985970000 |

| | |
|-------------|--|
| Note | |
|-------------|--|

Accessories

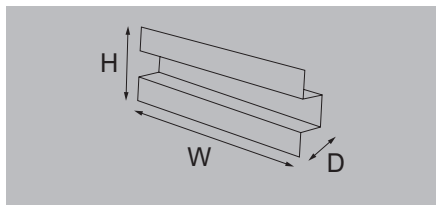
| | |
|-------------|--|
| Note | |
|-------------|--|



FAD – front adapters for migrations from Schneider TSX

The Weidmüller FAD BLK front adapters with pre-assembled cables provide safe migration from the old TSX47 to other PLC systems or to the u-remote system from Weidmüller.

- Clip-in foot for TS35



FAD BLK4 2XSL20



Technical data

| | |
|--|---|
| Connection data | Connection (field side) |
| Rated data | Operating voltage Max. current per channel Max. current per byte Total operating current |
| General data | Ambient temperature (operational) Storage temperature Approvals |
| Insulation coordination (EN50178) | Rated insulation voltage Surge voltage category Pollution severity level Insulation test voltage |

| |
|---|
| 2 x Connector according IEC60603-13/DIN41651 20 p |
| 30 V AC / 60 V DC |
| 3 A |
| 2 A |
| 6 A |
| -25...50 °C |
| -40...60 °C |
| CE; EAC |
| 50 V AC / 71 V DC |
| III |
| 2 |
| 0.56 kVAC |

| |
|------------------------|
| Dimensions |
| Width / Height / Depth |

| |
|------------------------|
| 54 mm / 218 mm / 24 mm |
|------------------------|

| |
|-------------|
| Note |
|-------------|

| |
|--|
| |
|--|

Ordering data

| |
|--|
| |
|--|

| Type | Qty. | Order No. |
|-----------------|------|------------|
| FAD BLK4 2XSL20 | 1 | 2494590000 |

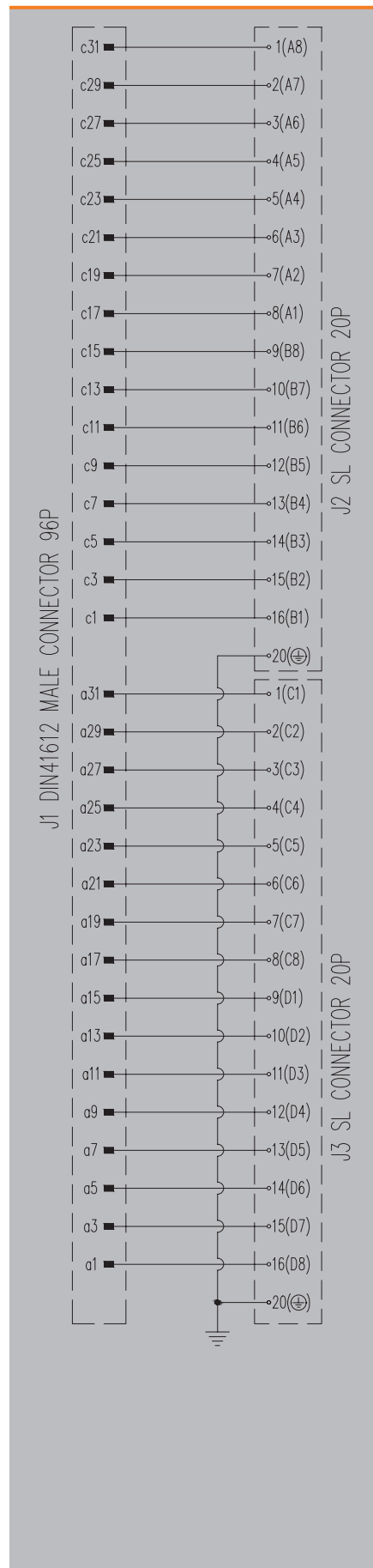
| |
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| Note |
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| |
|--|

Accessories

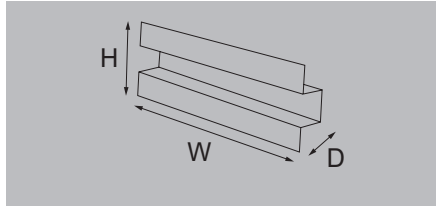
| |
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| Note |
|-------------|

| |
|--|
| 1690370000 - BLZF 3.50/20/180 SN OR BX (2 units) |
|--|



FAD – front adapters for migrations from Schneider Premium

FAD PREM BLY01



Technical data

| | |
|--|--------------------|
| Connection data | |
| Connection (field side) | S2C-SMT 3.5 mm |
| Rated data | |
| Operating voltage | 230 V AC ± 10% |
| Max. current per channel | 4 A |
| Total operating current | 80 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -25...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | 255V AC / 360 V DC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 1.15 kVAC |
| Insulation coordination (IEC/UL61010-1 & IEC/UL61010-2-201) | |
| Rated insulation voltage | 255V AC / 360 V DC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 1.01 |

| | |
|------------------------|------------------------|
| Dimensions | |
| Width / Height / Depth | 37 mm / 151 mm / 33 mm |

| | |
|-------------|--|
| Note | |
|-------------|--|

Ordering data

| Type | Qty. | Order No. |
|----------------|------|------------|
| FAD PREM BLY01 | 1 | 8000070313 |

| | |
|-------------|--|
| Note | |
|-------------|--|

Accessories

| | |
|-------------|--|
| Note | |
|-------------|--|

CONNECTORS WITH PIN ASSIGNMENTS

| S2C-SMT 3.50/10P CONNECTOR J2 | | S2C-SMT 3.50/10P CONNECTOR J1 | |
|-------------------------------|----|-------------------------------|---|
| 12 | 11 | 2 | 1 |
| 14 | 13 | 4 | 3 |
| 16 | 15 | 6 | 5 |
| 18 | 17 | 8 | 7 |
| 20 | 19 | 10 | 9 |



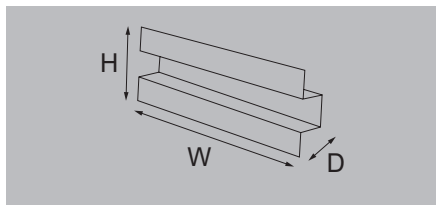
PLC SPADE TERMINALS

SCHEMATIC TABLE

| PLC SPADE TERMINALS | S2C-SMT 3.50/10P J1-J2 | |
|---------------------|------------------------|--------------|
| 1 | 1 | CONNECTOR J1 |
| 2 | 2 | |
| 3 | 3 | |
| 4 | 4 | |
| 5 | 5 | |
| 6 | 6 | |
| 7 | 7 | |
| 8 | 8 | |
| 9 | 9 | |
| 10 | 10 | |
| 11 | 11 | CONNECTOR J2 |
| 12 | 12 | |
| 13 | 13 | |
| 14 | 14 | |
| 15 | 15 | |
| 16 | 16 | |
| 17 | 17 | |
| 18 | 18 | |
| 19 | 19 | |
| 20 | 20 | |

FAD – front adapters for migrations from Schneider Premium

FAD PREM 4HE20



Technical data

| | |
|--|-------------------|
| Connection data | |
| Connection (field side) | S2C-SMT 3.5 mm |
| Rated data | |
| Operating voltage | 48 V AC + 10% |
| Max. current per channel | 200 mA |
| Total operating current | 5 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -25...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | 50 V AC / 70 V DC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 0.35 kVAC |
| Insulation coordination (IEC/UL61010-1 & IEC/UL61010-2-201) | |
| Rated insulation voltage | 50 V AC / 70 V DC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 0.86 |

| | |
|------------------------|------------------------|
| Dimensions | |
| Width / Height / Depth | 37 mm / 151 mm / 40 mm |

| | |
|-------------|--|
| Note | |
|-------------|--|

Ordering data

| | | |
|----------------|-------------|------------------|
| Type | Qty. | Order No. |
| FAD PREM 4HE20 | 1 | 8000070314 |

| | |
|-------------|--|
| Note | |
|-------------|--|

Accessories

| | |
|-------------|--|
| Note | 1277360000 B2CF 3.50/20/180 SN OR BX (4 units) |
|-------------|--|

CONNECTORS WITH PIN ASSIGNMENTS

| | | |
|-------------------------------|-------|-------|
| S2C-SMT 3.50/20P CONNECTOR J1 | 19 17 | 3 1 |
| S2C-SMT 3.50/20P CONNECTOR J2 | 20 18 | 4 2 |
| S2C-SMT 3.50/20P CONNECTOR J3 | 39 37 | 23 21 |
| S2C-SMT 3.50/20P CONNECTOR J4 | 40 38 | 24 22 |
| S2C-SMT 3.50/20P CONNECTOR J1 | 59 57 | 43 41 |
| S2C-SMT 3.50/20P CONNECTOR J2 | 60 58 | 44 42 |
| S2C-SMT 3.50/20P CONNECTOR J3 | 79 77 | 63 61 |
| S2C-SMT 3.50/20P CONNECTOR J4 | 80 78 | 64 62 |

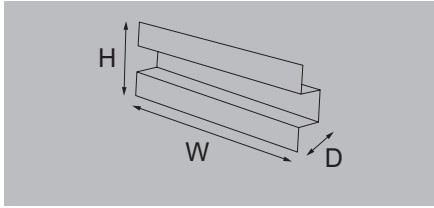
| | | |
|----------------------|-------|-------|
| HE10 20P CONNECTOR C | 41 42 | 1 2 |
| HE10 20P CONNECTOR A | 43 44 | 3 4 |
| HE10 20P CONNECTOR D | 57 58 | 17 18 |
| HE10 20P CONNECTOR B | 59 60 | 19 20 |
| HE10 20P CONNECTOR C | 61 62 | 21 22 |
| HE10 20P CONNECTOR A | 63 64 | 23 24 |
| HE10 20P CONNECTOR D | 77 78 | 37 38 |
| HE10 20P CONNECTOR B | 79 80 | 39 40 |

SCHEMATIC TABLE

| HE10 20P A-B-C-D | S2C-SMT 3.50/20P J1-J2-J3-J4 |
|------------------|------------------------------|
| CONNECTOR A | 1 2 |
| CONNECTOR B | 21 22 |
| CONNECTOR C | 41 42 |
| CONNECTOR D | 61 62 |

FAD – front adapters for migrations from Schneider Premium

FAD PREM 2SD25F



Technical data

| | |
|--|-------------------|
| Connection data | |
| Connection (field side) | S2C-SMT 3.5 mm |
| Rated data | |
| Operating voltage | 24 V DC ± 25% |
| Max. current per channel | 200 mA |
| Total operating current | 5 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -25...60 °C |
| Approvals | CE, EAC |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | 50 V AC / 70 V DC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 0.35 kVAC |
| Insulation coordination (IEC/UL61010-1 & IEC/UL61010-2-201) | |
| Rated insulation voltage | 50 V AC / 70 V DC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 0.86 |

| | |
|------------------------|------------------------|
| Dimensions | |
| Width / Height / Depth | 37 mm / 151 mm / 28 mm |

| | |
|-------------|--|
| Note | |
|-------------|--|

Ordering data

| | | |
|-----------------|-------------|------------------|
| Type | Qty. | Order No. |
| FAD PREM 2SD25F | 1 | 8000070315 |

| | |
|-------------|--|
| Note | |
|-------------|--|

Accessories

| | |
|-------------|---|
| Note | 1277790000 B2CF 3.50/26/180F SN OR BX (2 units) |
|-------------|---|

CONNECTORS WITH PIN ASSIGNMENTS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|-----------------------------|-----------------------------|----|----|----|----|---|--|----|----|----|----|----|----|----|---|---|---|----|---|----|----|----|----|----|---|----|----|----|----|----|----|----|----|
| S2C-SMT 3.50/26P CONNECTOR J1 | S2C-SMT 3.50/26P CONNECTOR J3 | SUB-D 25P F CONNECTOR J2 | SUB-D 25P F CONNECTOR J4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="margin: auto;"> <tr><td>1</td><td>14</td></tr> <tr><td>2</td><td>15</td></tr> <tr><td>12</td><td>25</td></tr> <tr><td>13</td><td>⊕</td></tr> </table> | 1 | 14 | 2 | 15 | 12 | 25 | 13 | ⊕ | <table border="1" style="margin: auto;"> <tr><td>26</td><td>39</td></tr> <tr><td>27</td><td>40</td></tr> <tr><td>37</td><td>50</td></tr> <tr><td>38</td><td>⊕</td></tr> </table> | 26 | 39 | 27 | 40 | 37 | 50 | 38 | ⊕ | <table border="1" style="margin: auto;"> <tr><td>1</td><td>14</td></tr> <tr><td>2</td><td>15</td></tr> <tr><td>12</td><td>24</td></tr> <tr><td>13</td><td>25</td></tr> </table> | 1 | 14 | 2 | 15 | 12 | 24 | 13 | 25 | <table border="1" style="margin: auto;"> <tr><td>26</td><td>39</td></tr> <tr><td>27</td><td>40</td></tr> <tr><td>37</td><td>49</td></tr> <tr><td>38</td><td>50</td></tr> </table> | 26 | 39 | 27 | 40 | 37 | 49 | 38 | 50 |
| 1 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | ⊕ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | ⊕ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

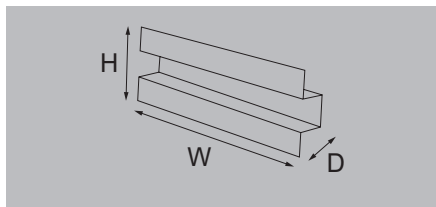
SCHEMATIC TABLE

| S2C-SMT 3.50/26P | | SUB-D 25P F | |
|---------------------------|---------------|---------------------------|---------------|
| J1-J3 | | J2-J4 | |
| CONNECTOR J1 | 1 2 | CONNECTOR J2 | 1 2 |
| CONNECTOR J3 | 24 25 ⊕ | CONNECTOR J4 | 24 25 ⊕ |
| Solder to Sub-D connector | | Solder to Sub-D connector | |

FAD – Front adapters for migration - Rockwell PLC-5

The FAD PLC-5 front adapters with pre-assembled cables provide safe migration from the PLC-5 cards to other PLC systems or to the U-REMOTE modules from Weidmüller.

- Can be plugged into TS35 terminal rail



FAD 1771-WA/WC/WB/WD



Technical data

| Rated data | |
|-----------------------------------|------------|
| Operating voltage, max. | < 300 V AC |
| Max. current per channel | 2 A |
| Total operating current | 8 A |
| General data | |
| Ambient temperature (operational) | 0...50 °C |
| Storage temperature | 0...50 °C |
| Approvals | CE, UR |

| |
|------------|
| < 300 V AC |
| 2 A |
| 8 A |
| 0...50 °C |
| 0...50 °C |
| CE, UR |

| Dimensions | |
|------------------------|------------------------|
| Width / Height / Depth | 32 mm / 269 mm / 53 mm |

| |
|------------------------|
| 32 mm / 269 mm / 53 mm |
|------------------------|

| Note | |
|------|--|
| | |

| |
|--|
| |
|--|

Ordering data

| | | | |
|--------------------------|--------------------------|------|------------|
| FAD for wiring-arm WA-WC | Type | Qty. | Order No. |
| FAD for wiring-arm WB-WD | FAD 1771-WA/WC SL10 M US | 1 | 7940125447 |
| | FAD 1771-WB/WD SL12 M US | 1 | 7940125450 |

| Type | Qty. | Order No. |
|--------------------------|------|------------|
| FAD 1771-WA/WC SL10 M US | 1 | 7940125447 |
| FAD 1771-WB/WD SL12 M US | 1 | 7940125450 |

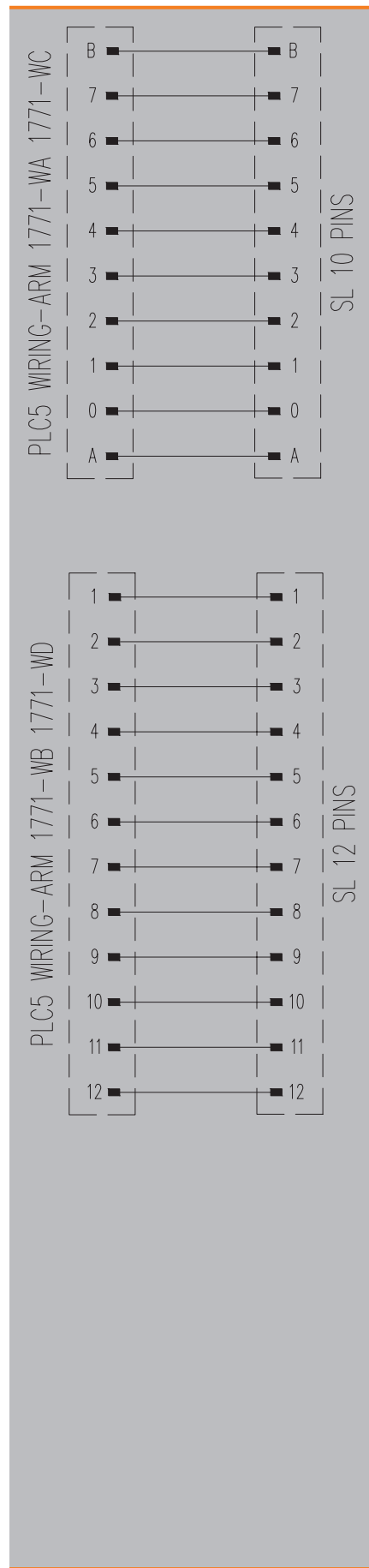
| Note | |
|------|--|
| | |

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| |
|--|

Accessories

| Note | |
|---|--|
| 7940125447: 1690960000 - BLZF 3.50/10/180F SN OR BX | |
| 7940125450: 1690980000 - BLZF 3.50/12/180F SN OR BX | |

| |
|---|
| 7940125447: 1690960000 - BLZF 3.50/10/180F SN OR BX |
| 7940125450: 1690980000 - BLZF 3.50/12/180F SN OR BX |

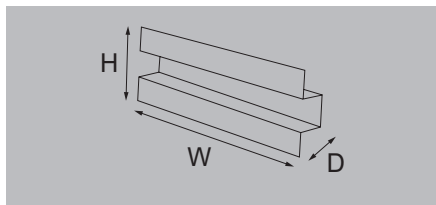


FAD – front adapters for migrations from Rockwell PLC-5 – Bridge System

FAD – Front adapters for migration - Rockwell PLC-5

The FAD PLC-5 front adapters with pre-assembled cables provide safe migration from the PLC-5 cards to other PLC systems or to the U-REMOTE modules from Weidmüller.

- Can be plugged into TS35 terminal rail



Technical data

Rated data

Operating voltage, max.
Max. current per channel
Total operating current

General data

Ambient temperature (operational)
Storage temperature
Approvals

FAD 1771-WG/WH



| |
|------------|
| < 250 V AC |
| 2 A |
| 8 A |
| 0...50 °C |
| 0...50 °C |
| CE, UR |

Dimensions

Width / Height / Depth

32 mm / 269 mm / 33 mm

Note

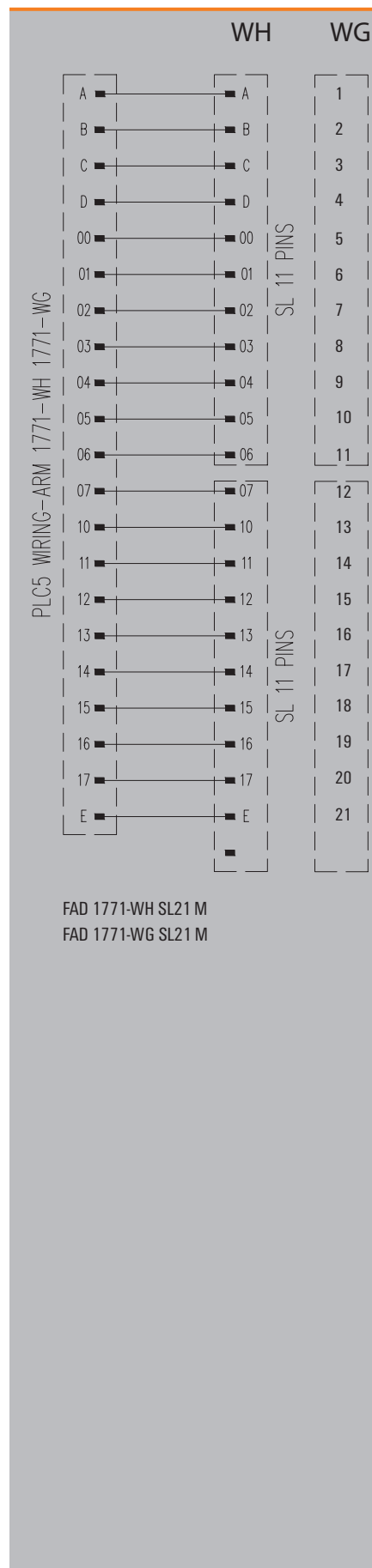
Ordering data

| Type | Qty. | Order No. |
|-----------------------|------|------------|
| FAD 1771-WH SL21 M US | 1 | 7940125448 |
| FAD 1771-WG SL21 M US | 1 | 7940125452 |

Note

Accessories

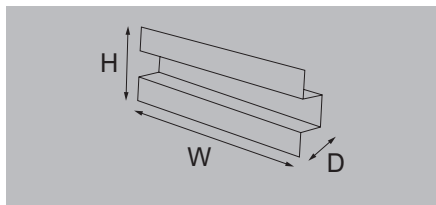
1690970000 - BLZF 3.50/11/180F SN OR BX (2 units)



FAD – Front adapters for migration - Rockwell PLC-5

The FAD PLC-5 front adapters with pre-assembled cables provide safe migration from the PLC-5 cards to other PLC systems or to the U-REMOTE modules from Weidmüller.

- Can be plugged into TS35 terminal rail



FAD 1771-WF



Technical data

| Rated data | |
|-----------------------------------|------------|
| Operating voltage, max. | < 300 V AC |
| Max. current per channel | 2 A |
| Total operating current | 8 A |
| General data | |
| Ambient temperature (operational) | 0...50 °C |
| Storage temperature | 0...50 °C |
| Approvals | CE, UR |

| |
|------------|
| < 300 V AC |
| 2 A |
| 8 A |
| 0...50 °C |
| 0...50 °C |
| CE, UR |

| Dimensions | |
|------------------------|------------------------|
| Width / Height / Depth | 32 mm / 269 mm / 53 mm |

| |
|------------------------|
| 32 mm / 269 mm / 53 mm |
|------------------------|

| Note | |
|------|--|
| | |

| |
|--|
| |
|--|

Ordering data

| |
|-----------------------------|
| FAD for wiring-arm WE/WF/WI |
|-----------------------------|

| Type | Qty. | Order No. |
|-----------------------|------|------------|
| FAD 1771-WF SL18 M US | 1 | 7940125451 |

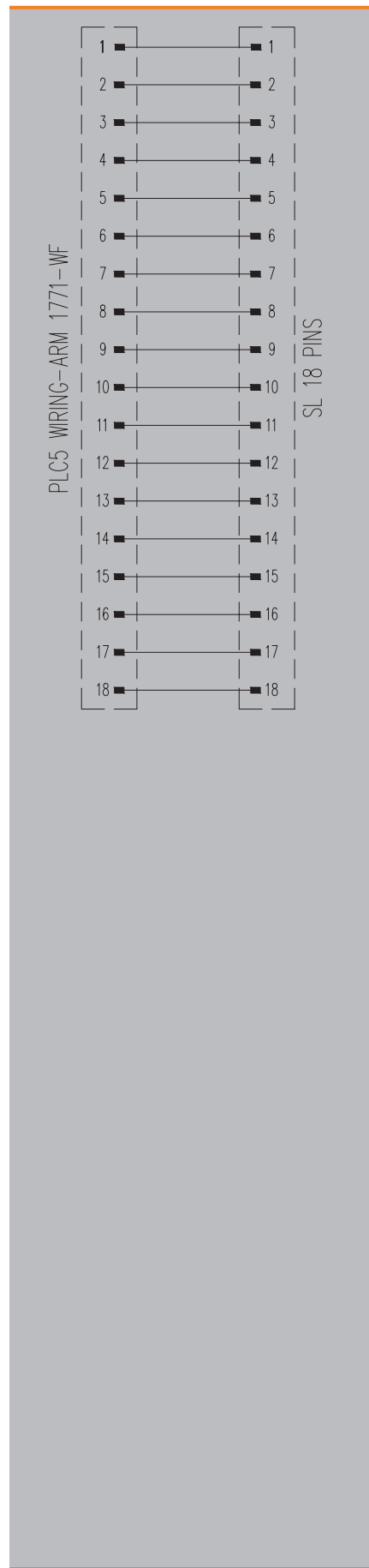
| Note | |
|------|--|
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| |
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Accessories

| Note | |
|------|--|
| | |

| |
|---|
| 1691040000 - BLZF 3.50/18/180F SN OR BX |
|---|



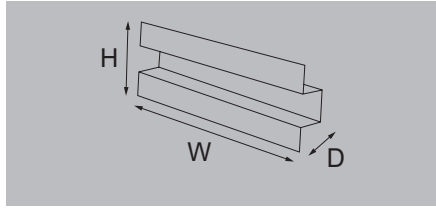
FAD – front adapters for migrations from Rockwell PLC-5 – Bridge System

FAD – Front adapters for migration - Rockwell PLC-5

The FAD PLC-5 front adapters with pre-assembled cables provide safe migration from the PLC-5 cards to other PLC systems or to the U-REMOTE modules from Weidmüller.

- Can be plugged into TS35 terminal rail

FAD 1771-WN



Technical data

Rated data

Operating voltage, max.
Max. current per channel
Total operating current

General data

Ambient temperature (operational)
Storage temperature
Approvals

< 300 V AC
2 A
8 A

0...50 °C
0...50 °C
CE, UR

Dimensions

Width / Height / Depth

32 mm / 269 mm / 33 mm

Note

Ordering data

FAD for wiring-arm WN

| Type | Qty. | Order No. |
|------------------------|------|------------|
| FAD 1771-WN S2L20 M US | | 7940125449 |

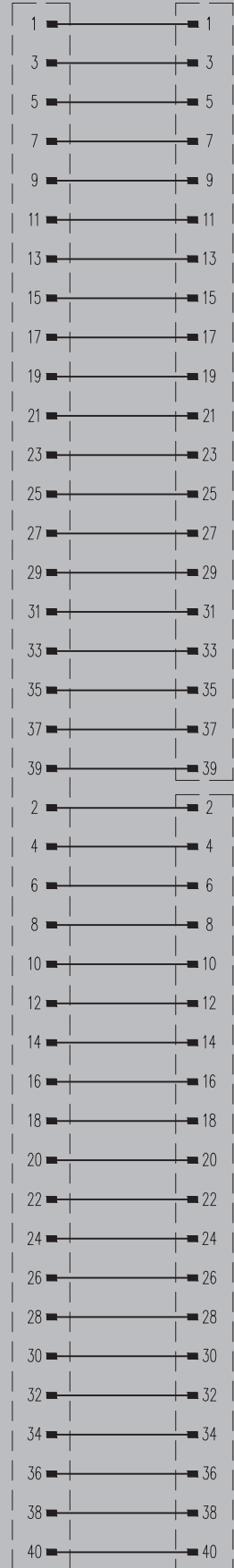
Note

Accessories

Note

1690370000 - BLZF 3.50/20/180 SN OR BX (2 units)

PLC5 WIRING-ARM 1771-WN

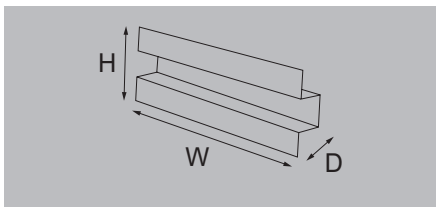


SL 20 PINS

SL 20 PINS

MIGRATION RACK – Migration accessories

- The 19" racks have the same dimensions as the original Siemens or Schneider racks
- The front adapters (FAD) are installed in the bottom section of the rack while the new PLC is located in the top section
- The racks are fitted with a hinge that provides access to the old cabling



Technical data

| |
|-----------------|
| Material |
| Material |

MIGRATION RACK S5 115 H



| |
|-----------------------------|
| Material |
| Stainless steel, rust-proof |

MIGRATION RACK S5 135 H



| |
|-----------------------------|
| Material |
| Stainless steel, rust-proof |

| |
|-------------------|
| Dimensions |
| Height / Depth |

| |
|-----------------|
| Height / Depth |
| 221 mm / 134 mm |

| |
|-----------------|
| Height / Depth |
| 221 mm / 134 mm |

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

Ordering data

| | | |
|-------------------------|--------------|------------------|
| Type | Width | Order No. |
| MIGRATION RACK S5 115 H | 532 mm | 1993530000 |

| | | |
|-------------------------|--------------|------------------|
| Type | Width | Order No. |
| MIGRATION RACK S5 115 H | 532 mm | 1993530000 |

| | | |
|-------------------------|--------------|------------------|
| Type | Width | Order No. |
| MIGRATION RACK S5 135 H | 532 mm | 1993500000 |

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

Accessories

| |
|-------------|
| Note |
|-------------|

| |
|--|
| 19" Rails: S7-1500 6ES7590-1AE80-0AA0, S7-300 6ES7390-1AE80-0AA0, Premium TSX RKY 12, Weidmüller TS35 8000075320 |
|--|

| |
|--|
| 19" Rails: S7-1500 6ES7590-1AE80-0AA0, S7-300 6ES7390-1AE80-0AA0, Premium TSX RKY 12, Weidmüller TS35 8000075320 |
|--|

Migration RACK – Migration accessories

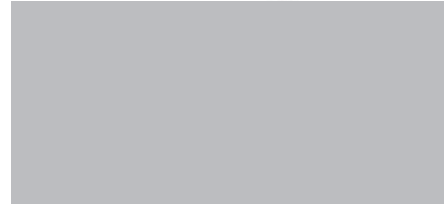
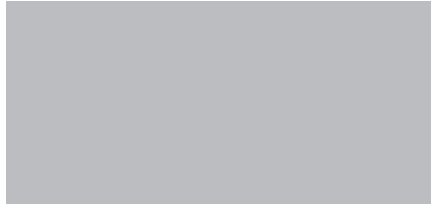
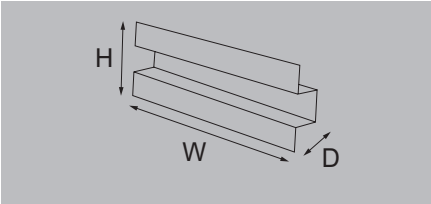
MIGRATION RACK – Migration accessories

- The 19" racks have the same dimensions as the original Siemens or Schneider racks
- The front adapters (FAD) are installed in the bottom section of the rack while the new PLC is located in the top section
- The racks are fitted with a hinge that provides access to the old cabling

MIGRATION RACK TSX7 H



MIGRATION RACK PLC5 H



Technical data

Material
Material

Stainless steel, rust-proof

Stainless steel, rust-proof

G

Dimensions

Height / Depth

221 mm / 121 mm

315 mm / 130 mm

Note

Ordering data

| Type | Width | Order No. |
|-----------------------|--------|------------|
| MIGRATION RACK TSX7 H | 532 mm | 1993520000 |

| Type | Width | Order No. |
|---------------------------|--------|------------|
| MIGRATION RACK PLC5-8S H | 356 mm | 8000074896 |
| MIGRATION RACK PLC5-12S H | 483 mm | 8000075319 |
| MIGRATION RACK PLC5-16S H | 610 mm | 8000074897 |

Note

Accessories

Note

19" Rails: S7-1500 6ES7590-1AE80-0AA0, S7-300 6ES7390-1AE80-0AA0, Premium TSX RKY 12, Weidmüller TS35 8000075320

Please see accessories selection table for migration between PLC5 to Weidmüller/Siemens/Schneider/ControlLogix/ControlEdge PLC's in this chapter.

Accessories selection table for migration between PLC-5 to Weidmüller/Siemens/Schneider/ControlLogix/ControlEdge PLC's

| RACK PLC-5 OLD RACK PLC | | MIGRATION SYSTEM | | | | | | |
|----------------------------|---------------------------------------|----------------------------|------------------------------|---------------------------------|----------------------|--|-----------------------|--------------------------------|
| Manufacturer code | Description | MIGRATION RACK | | NEW RACK PLC | | | MIGRATION ACCESSORIES | |
| | | Order Number | Type | Manufacturer | Family | Type | Order Number | Type |
| 1771-A2B | CHASSIS PLC-5 SERIES B 8 SLOTS | 8000074896 | MIGRATION RACK PLC5-8S H | WEIDMÜLLER | U-REMOTE | | 8000074840 | PLATE PLC5-8S DIN RAIL TS35 |
| | | | | | ET 200SP | | 8000074840 | PLATE PLC5-8S DIN RAIL TS35 |
| | | | | SIEMENS | ET 200SP HA | 6DL1193-6MD00-0AA0 ^(A) | | not accessory needed |
| | | | | | S7-1500 | 6ES7590-1BC00-0AA0 ^(A) | | not accessory needed |
| | | | | | S7-300 / ET200M | 6ES7390-1BC00-0AA0 ^(A) | | not accessory needed |
| | | | | | | 6ES7195-1GC00-0XA0 ^(A) | | not accessory needed |
| | | | | SCHNEIDER | MODICON TM3 | | 8000074840 | PLATE PLC5-8S DIN RAIL TS35 |
| | | | | | MODICON M340 | BMX-XBP-0400 | 8000074841 | PLATE PLC5-8S BMX-E 4-6S |
| | | | | | | BMX-XBP-0600 | | |
| | | | | | | BMX-XBP-0800 | | not accessory needed |
| | | | | | MODICON M580 | BME-XBP-0400 | 8000074841 | PLATE PLC5-8S BMX-E 4-6S |
| | | | | BME-XBP-0600 | | | | |
| | | | | BME-XBP-0800 | not accessory needed | | | |
| | | | | ROCKWELL | CONTROL LOGIX | 1756-A4 1756-A7 | 8000074842 | PLATE PLC5-8S CTXL A4-7 |
| HONEYWELL | CONTROL EDGE | 900R04 900R08 | 8000074843 | PLATE PLC5-8S CTEDGE 4-8S | | | | |
| 1771-A3B1 | CHASSIS PLC-5 SERIES B 12 SLOTS | 8000075319 | MIGRATION RACK PLC5-12S H | WEIDMÜLLER | U-REMOTE | | 8000075320 | PLATE DIN RAIL TS35 19INCH |
| | | | | | ET 200SP | | 8000075320 | PLATE DIN RAIL TS35 19INCH |
| | | | | SIEMENS | ET 200SP HA | 6DL1193-6MC00-0AA0 ^(B) | | not accessory needed |
| | | | | | S7-1500 | 6ES7590-1AE80-0AA0 ^(B) | | not accessory needed |
| | | | | | S7-300 / ET200M | 6ES7390-1AE80-0AA0 ^(B) | | not accessory needed |
| | | | | | | 6ES7195-1GA00-0XA0 ^(B) | | not accessory needed |
| | | | | SCHNEIDER | MODICON TM3 | | 8000075320 | PLATE DIN RAIL TS35 19INCH |
| | | | | | MODICON M340 | BMX-XBP-0400 | 8000073869 | PLATE BMX-E 4-6-8S 19INCH |
| | | | | | | BMX-XBP-0600 | | |
| | | | | | | BMX-XBP-0800 | | not accessory needed |
| | | | | | MODICON M580 | BME-XBP-0400 | 8000073869 | PLATE BMX-E 4-6-8S 19INCH |
| | | | | BME-XBP-0600 | | | | |
| | | | | BME-XBP-0800 | not accessory needed | | | |
| | | | | ROCKWELL | CONTROL LOGIX | 1756-A4 1756-A7 1756-A10 1756-A13 | 8000074062 | PLATE PLC5-12S CTXL A4-7-10-13 |
| HONEYWELL | CONTROL EDGE | 900R04 900R08 900R12 | 8000074063 | PLATE PLC5-12S CTEDGE 4-8-12S | | | | |
| | | 900R08R | 8000074064 | PLATE PLC5-12S CTEDGE 8S+RPS | | | | |
| | | | 8000074845 | PLATE PLC5-16S DIN RAIL TS35 | | | | |
| 1771-A4B | CHASSIS PLC-5 SERIES B 16 SLOTS | 8000074897 | MIGRATION RACK PLC5-16S H | WEIDMÜLLER | U-REMOTE | | 8000074845 | PLATE PLC5-16S DIN RAIL TS35 |
| | | | | | ET 200SP | | 8000074845 | PLATE PLC5-16S DIN RAIL TS35 |
| | | | | SIEMENS | ET 200SP HA | 6DL1193-6MD00-0AA0 ^(A) | | not accessory needed |
| | | | | | S7-1500 | 6ES7590-1BC00-0AA0 ^(A) | | not accessory needed |
| | | | | | S7-300 / ET200M | 6ES7390-1BC00-0AA0 ^(A) | | not accessory needed |
| | | | | | | 6ES7195-1GG30-0XA0 ^(B) | | not accessory needed |
| | | | | SCHNEIDER | MODICON TM3 | | 8000074845 | PLATE PLC5-16S DIN RAIL TS35 |
| | | | | | MODICON M340 | BMX-XBP-0400 | 8000074846 | PLATE PLC5-16S BMX-E 4-6-8-12S |
| | | | | | | BMX-XBP-0600 | | |
| | | | | | | BMX-XBP-0800 | | not accessory needed |
| | | | | | MODICON M580 | BME-XBP-0400 | 8000074846 | PLATE PLC5-16S BMX-E 4-6-8-12S |
| | | | | BME-XBP-0600 | | | | |
| | | | | BME-XBP-0800 | not accessory needed | | | |
| | | | | ROCKWELL | CONTROL LOGIX | 1756-A4 1756-A7 1756-A10 1756-A13 | 8000074847 | PLATE PLC5-16S CTXL A4-7-10-13 |
| | | 1756-A17 | 8000074848 | PLATE PLC5-16S CTXL A17 | | | | |
| HONEYWELL | CONTROL EDGE | 900R04 900R08 900R12 | 8000074849 | PLATE PLC5-16S CTEDGE 4-8-12S | | | | |
| | | 900R08R | 8000074850 | PLATE PLC5-16S CTEDGE 8-12S+RPS | | | | |
| | | 900R12R | | | | | | |

Note: (A) Accessory has to be bought to Siemens and cutted.
(B) Accessory has to be bought to Siemens.

Migrate IPC620 / PLC 5 / QUANTUM / MOORE systems in the shortest time possible

Simple control system conversion with IPC620 / PLC 5 / QUANTUM / MOORE Card system

When upgrading obsolete PLC/DCS systems, an increasing number of users are opting to keep their existing wiring. This allows the migration to be performed considerably faster, more efficiently and with fewer errors.

Many users will soon have to upgrade their controls. With the system-specific migration system from Weidmüller, the migration to a new system can be completed in just a few hours.

The particular advantage of the Weidmüller migration platform is its clever concept: using a system-specific front adapter, the new PLC/DCS can be connected to the existing field wiring, eliminating the need for time-consuming and costly rewiring.



In many industries, plant operators need to perform PLC system updates without any downtimes. In situations such as these, PLC migration adapters from Weidmüller are the perfect solution.

Your special advantages:

Straightforward PLC/DCS conversion within a few short hours

All components are immediately ready for use following the conversion, and existing field terminations remain grounded. Interlocking plug-in connectors prevent cabling errors. The old rack remain in place simplifying the installation time.

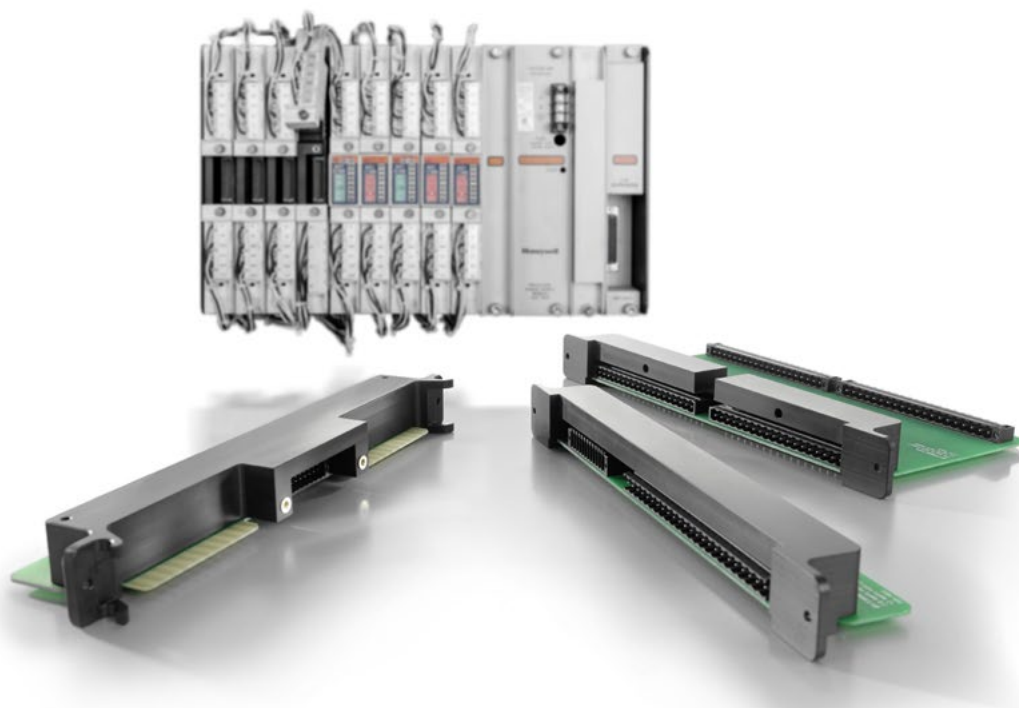
Minimal number of components

Weidmüller's migration solution includes a small number of card adapters with different poles.



PLC interface cables

The Card-Adapters are compatible with PLC/DCS systems from several manufacturers, and can be connected using pre-mounted cables.

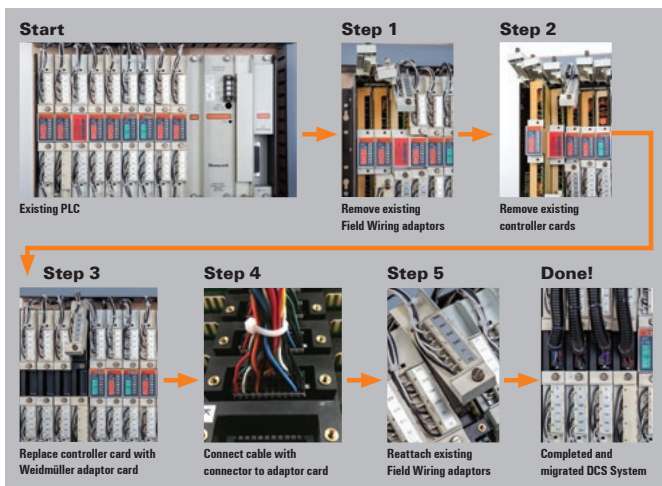


Straightforward migration process

The entire migration process can be performed in just five simple steps.

Global approvals

The card adapters are cURus approved.



Selection Table for migration between Rockwell PLC-5 and Honeywell IPC620 to ferrules

The following selection tables help you to choose the pre-assembled cables to migrate from Rockwell PLC-5 and Honeywell IPC620 to other PLC platforms through cables with ferrules.

| PLC-5 Card (Cardsystem) Wiring-arms | Front-adaptor FAD | | Pre-assembled cable | | | |
|--|-------------------|-----------------------------|---------------------|--------------------------|----------------------------------|-----------------------|
| | Order No | Type | Order No | Type | Type of cable | Number of cables /FAD |
| WA/WC | 6720001398 | SP-RS PLC PLC5 1771-WA/WC | 2757730XXX | PAC-BL12-F-C50-V0-XXXX | single cable 0.5 mm ² | 1 |
| WB/WD | 6720001397 | SP-RS PLC PLC5 1771-WB/WD | 2757740XXX | PAC-BL12-F-C50-XXXX | single cable 0.5 mm ² | 1 |
| WE/WF/WI | 6720001399 | SP-RS PLC PLC5 1771-WI 18CH | 2757750XXX | PAC-B2CF22-F-C50-V0-XXXX | single cable 0.5 mm ² | 1 |
| WH/WHF/WHFB | 7940125460 | SP-RS PLC PLC5 1771-H/F/FB | 2757760XXX | PAC-B2CF22-F-C50-V1-XXXX | single cable 0.5 mm ² | 1 |
| WG | 7940125466 | SP-RS PLC PLC5 1771-G | 2757760XXX | PAC-B2CF22-F-C50-V1-XXXX | single cable 0.5 mm ² | 1 |
| WN | 6720001400 | SP-RS PLC PLC5 1771-WN 40CH | 2757770XXX | PAC-2B2CF22-F-C50-XXXX | single cable 0.5 mm ² | 1 |

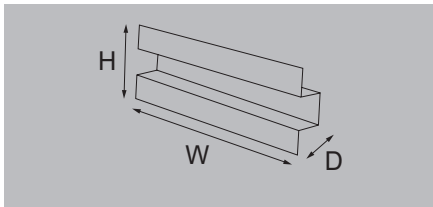
G

| IPC620 Card (Cardsystem) | Front-adaptor FAD | | Pre-assembled cable | | | |
|--------------------------|-------------------|--------------------------|---------------------|---------------------------|----------------------------------|-----------------------|
| | Order No | Type | Order No | Type | Type of cable | Number of cables /FAD |
| 12-point IPC-620 | 6720000787 | RS PLC IPC-620 12-POINTS | 2757780XXX | PAC-B2L22-F-C50-V0-XXXX | single cable 0.5 mm ² | 1 |
| 22-point IPC-620 | 6720000788 | RS PLC IPC-620 22-POINTS | 2757790XXX | PAC-B2L22-F-C50-XXXX | single cable 0.5 mm ² | 1 |
| 24-point IPC-620 | 6720001226 | RS PLC IPC-620 24-POINTS | 2757810XXX | PAC-B2CF24-F-C50-XXXX | single cable 0.5 mm ² | 1 |
| 34-point IPC-620 | 6720001328 | RS PLC IPC-620 34-POINTS | 2830400XXX | PAC-2BLZP20-F-C50-V0-XXXX | single cable 0.5 mm ² | 1 |
| 38-point IPC-620 | 6720001225 | RS PLC IPC-620 38-POINTS | 2757800XXX | PAC-2BLZP20-F-C50-XXXX | single cable 0.5 mm ² | 1 |

Universal card adapters

- Feed through connection
- PLC-5 1771 conversion to pluggable connector(s)
- 10-, 12-, 18-, 21- or 40-point cards

SP-RS PLC PLC5 1771-WA/WC



Technical data

Rated data

Operating voltage
 Max. current per channel
 Ambient temperature (operational)
 Storage temperature

Approvals

Approvals

150 V
 5 A
 0...50 °C
 0...50 °C

UR



Dimensions

Width / Height / Depth

30 mm / 254 mm / 144 mm

Note

Ordering data

| Type | Qty. | Order No. |
|---------------------------|------|------------|
| SP-RS PLC PLC5 1771-WA/WC | 1 | 6720001398 |

Note

Accessories

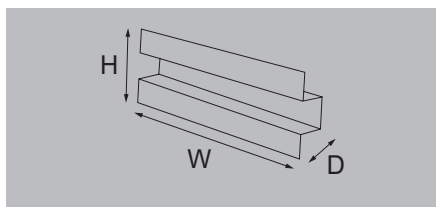
Note

Pluggable connector: 1606740000 - BL 3.50/12/180° SN OR BX

FAD – front adapters for migrations from Rockwell PLC-5 – Card System

Universal card adapters

- Feed through connection
- PLC-5 1771 conversion to pluggable connector(s)
- 10-, 12-, 18-, 21- or 40-point cards



Technical data

Rated data

Operating voltage
 Max. current per channel
 Ambient temperature (operational)
 Storage temperature

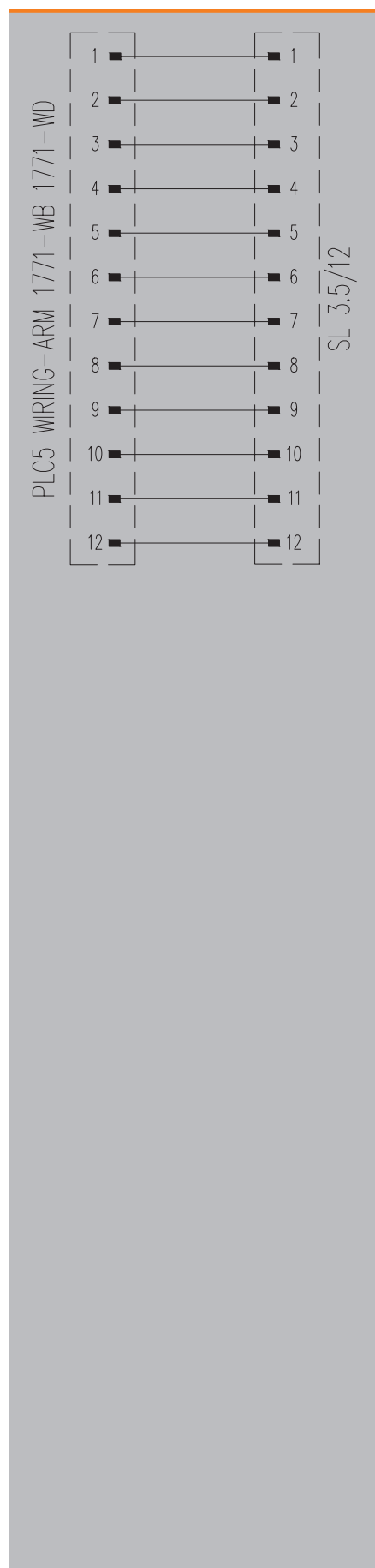
Approvals

Approvals

SP-RS PLC PLC5 1771-WB/WD



| | |
|-----------------------------------|-----------|
| Operating voltage | 150 V |
| Max. current per channel | 5 A |
| Ambient temperature (operational) | 0...50 °C |
| Storage temperature | 0...50 °C |
| Approvals | UR |



Dimensions

Width / Height / Depth

| | |
|------------------------|-------------------------|
| Width / Height / Depth | 30 mm / 254 mm / 144 mm |
|------------------------|-------------------------|

Note

Ordering data

| |
|--|
| |
|--|

| Type | Qty. | Order No. |
|---------------------------|------|------------|
| SP-RS PLC PLC5 1771-WB/WD | 1 | 6720001397 |
| | | |

Note

Accessories

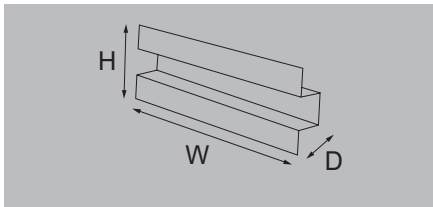
| |
|------|
| Note |
|------|

| |
|--|
| Pluggable connector: 1606740000 - BL 3.50/12/180F SN OR BX |
|--|

Universal card adapters

- Feed through connection
- PLC-5 1771 conversion to pluggable connector(s)
- 10-, 12-, 18-, 21- or 40-point cards

SP-RS PLC PLC5 1771-WE/WF/WI



Technical data

Rated data

Operating voltage
 Max. current per channel
 Ambient temperature (operational)
 Storage temperature

Approvals

Approvals

| |
|-----------|
| 150 V |
| 5 A |
| 0...50 °C |
| 0...50 °C |
| UR |

Dimensions

Width / Height / Depth

| |
|-------------------------|
| 30 mm / 254 mm / 144 mm |
|-------------------------|

Note

Max. current 10 A per whole assembly

Ordering data

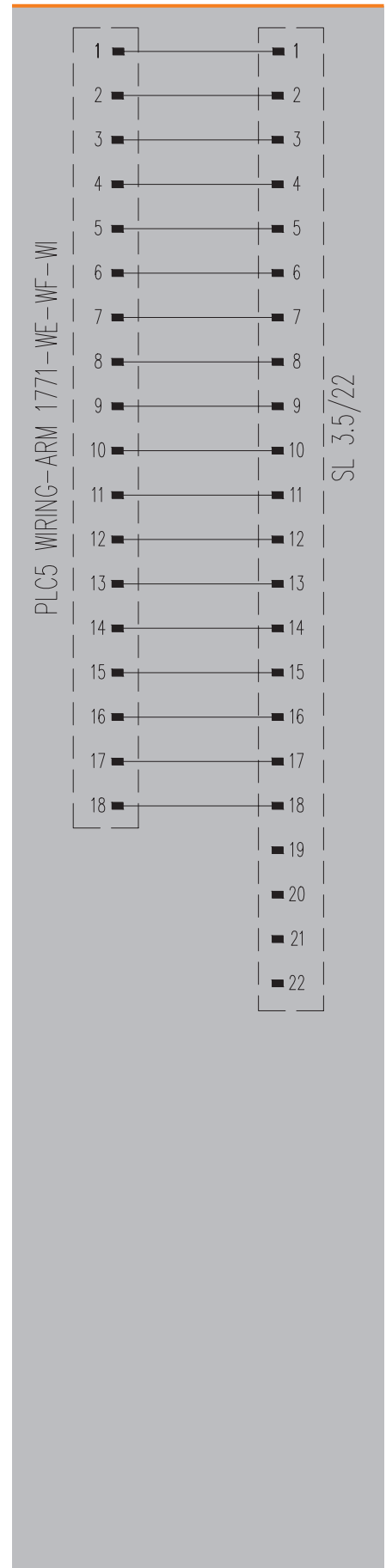
| Type | Qty. | Order No. |
|-----------------------------|------|------------|
| SP-RS PLC PLC5 1771-WI 18CH | 1 | 6720001399 |

Note

Accessories

Note

Pluggable connector: 1277950000 - B2CF 3.50/22/180F SN BK BX

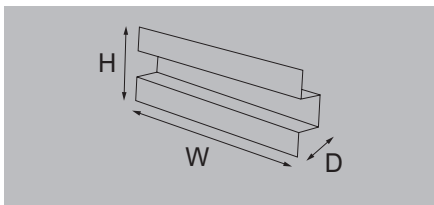


FAD – front adapters for migrations from Rockwell PLC-5 – Card System

Universal card adapters

- Feed through connection
- PLC-5 1771 conversion to pluggable connector(s)
- 10-, 12-, 18-, 21- or 40-point cards
- UR file E141197: 16 A total max., 120/240 V max. (split phase)

SP-RS PLC PLC5 1771-WG/WH/WHF/WHFB



Technical data

Rated data

Operating voltage
 Max. current per channel
 Ambient temperature (operational)
 Storage temperature

Approvals

Approvals

| | |
|-----------------------------------|-----------|
| Operating voltage | 240 V |
| Max. current per channel | 3 A |
| Ambient temperature (operational) | 0...50 °C |
| Storage temperature | 0...50 °C |
| Approvals | cURus |

Dimensions

Width / Height / Depth

| | |
|------------------------|-------------------------|
| Width / Height / Depth | 30 mm / 254 mm / 144 mm |
|------------------------|-------------------------|

Note

Ordering data

| | |
|-----------------|--|
| For WH/WHF/WHFB | |
| For WG | |

| Type | Qty. | Order No. |
|--|------|------------|
| SP-RS PLC5 1771-WH/WHF/WHFB 21CH, TIN+GO | | 7940125460 |
| SP-RS PLC5 1771-WG 21CH, GOLD, WM | | 7940125466 |

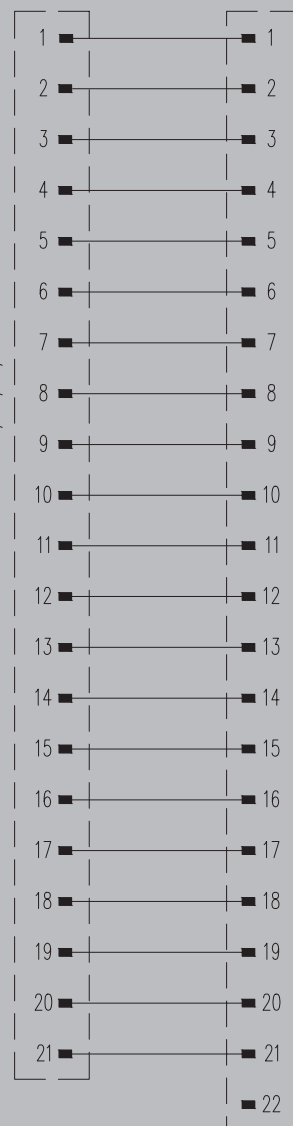
Note

Accessories

| | |
|------|--|
| Note | |
|------|--|

| |
|--|
| Pluggable connector: 1277950000 - B2CF 3.50/22/180F SN BK BX |
|--|

PLC5 WIRING-ARM 1771-WG/H/F/FB

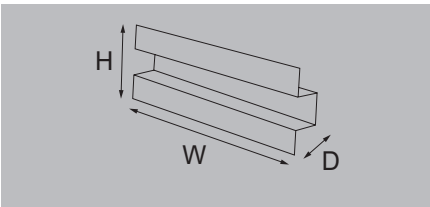


SZL 3.5/22

Universal card adapters

- Feed through connection
- PLC-5 1771 conversion to pluggable connector(s)
- 10-, 12-, 18-, 21- or 40-point cards

SP-RS PLC PLC5 1771-WN



Technical data

| Rated data | |
|-----------------------------------|-----------|
| Operating voltage | 150 V |
| Max. current per channel | 5 A |
| Ambient temperature (operational) | 0...50 °C |
| Storage temperature | 0...50 °C |
| Approvals | |
| Approvals | UR |

| Operating voltage | 150 V |
|-----------------------------------|-----------|
| Max. current per channel | 5 A |
| Ambient temperature (operational) | 0...50 °C |
| Storage temperature | 0...50 °C |
| Approvals | |
| Approvals | UR |

| Dimensions | |
|------------------------|-------------------------|
| Width / Height / Depth | 30 mm / 254 mm / 142 mm |

| | |
|------------------------|-------------------------|
| Width / Height / Depth | 30 mm / 254 mm / 142 mm |
|------------------------|-------------------------|

| Note | |
|------|--------------------------------------|
| Note | Max. current 10 A per whole assembly |

| | |
|------|--------------------------------------|
| Note | Max. current 10 A per whole assembly |
|------|--------------------------------------|

Ordering data

| Type | Qty. | Order No. |
|-----------------------------|------|------------|
| SP-RS PLC PLC5 1771-WN 40CH | 1 | 6720001400 |

| Type | Qty. | Order No. |
|-----------------------------|------|------------|
| SP-RS PLC PLC5 1771-WN 40CH | 1 | 6720001400 |

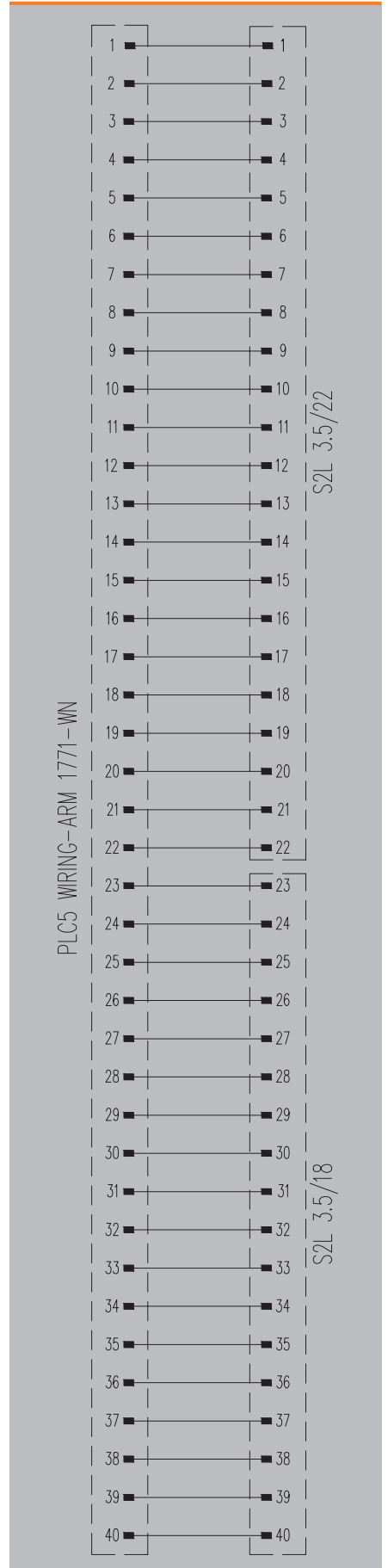
| Note | |
|------|--|
| Note | |

| | |
|------|--|
| Note | |
|------|--|

Accessories

| Note | |
|------|--|
| Note | Pluggable connectors: 1277950000 - B2CF 3.50/22/180F SN BK BX; 1277930000 - B2CF 3.50/18/180F SN BK BX |

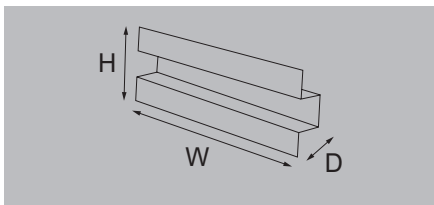
| | |
|------|--|
| Note | Pluggable connectors: 1277950000 - B2CF 3.50/22/180F SN BK BX; 1277930000 - B2CF 3.50/18/180F SN BK BX |
|------|--|



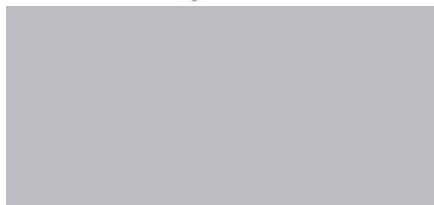
Front adapters for migration - Honeywell IPC620

Point-to-point connection

- Conversion between the IPC-620 connector to plug-in connector
- 38 points
- 12 A total max.



IPC620 carrier



Technical data

| |
|-----------------------------------|
| Rated data |
| Operating voltage |
| Max. current per channel |
| General data |
| Ambient temperature (operational) |
| Storage temperature |
| Approvals |
| Approvals |

| |
|-----------|
| 125 V |
| 3 A |
| 0...50 °C |
| 0...50 °C |
| CE, UR |

| |
|------------------------|
| Dimensions |
| Width / Height / Depth |

| |
|-------------------------|
| 29 mm / 266 mm / 126 mm |
|-------------------------|

| |
|-------------|
| Note |
|-------------|

Ordering data

| |
|--|
| 38-pole (reference Honeywell TB 621-9977 or -9976) |
|--|

| Type | Qty. | Order No. |
|--------------------------|------|------------|
| RS PLC IPC-620 38-POINTS | 1 | 6720001225 |

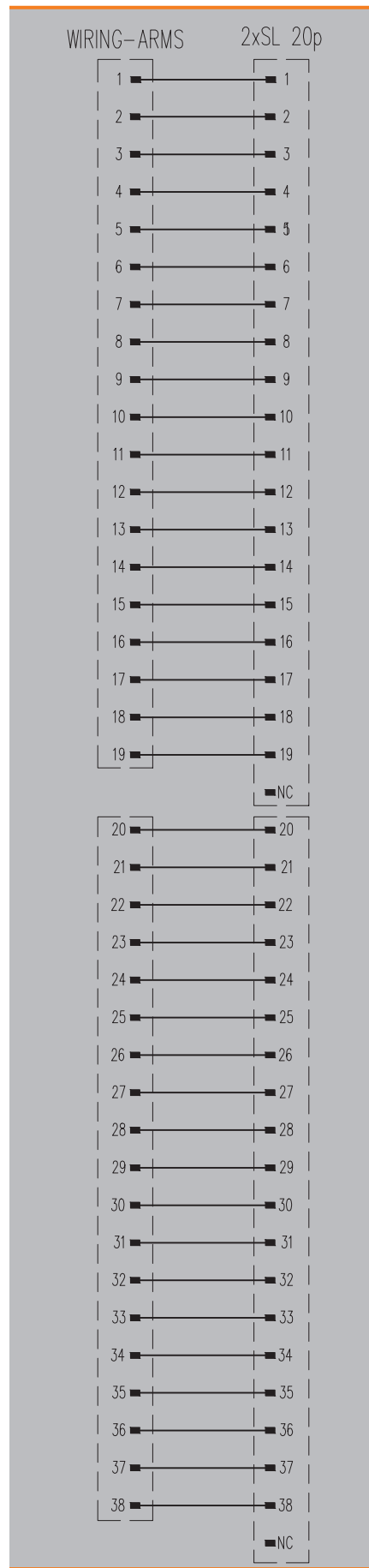
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|-------------|
| Note |
|-------------|

Accessories

| |
|-------------|
| Note |
|-------------|

| |
|-------------|
| Note |
|-------------|

| |
|--|
| Pluggable connector: 1944510000 - BLZP 5.08HC/20/180F SN BK BX (2 units) |
|--|

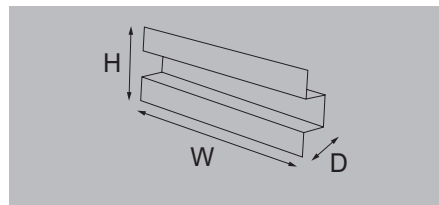


FAD – front adapters for migrations from Honeywell IPC620 – Card system

Front adapters for migration - Honeywell IPC620

Point-to-point connection

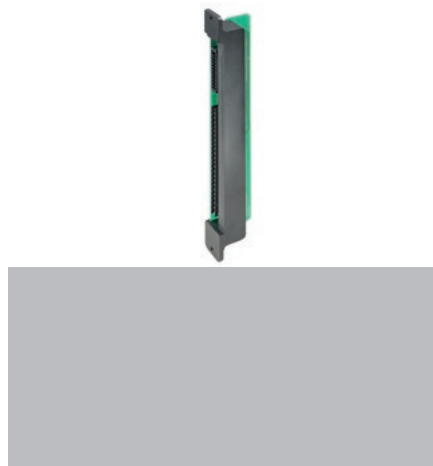
- Conversion between the IPC-620 connector to plug-in connector
- 24 points
- 12 A total max.



Technical data

| Rated data | |
|-----------------------------------|-----------|
| Operating voltage | 50 V |
| Max. current per channel | 3 A |
| General data | |
| Ambient temperature (operational) | 0...50 °C |
| Storage temperature | 0...50 °C |
| Approvals | |
| Approvals | CE, UR |

IPC620 carrier



| Dimensions | |
|------------------------|------------------------|
| Width / Height / Depth | 266 mm / 29 mm / 50 mm |

| Note | |
|------|--|
| | |

Ordering data

| |
|---|
| 24-pole (reference Honeywell TB 621-9954) |
|---|

| Type | Qty. | Order No. |
|--------------------------|------|------------|
| RS PLC IPC-620 24-POINTS | 1 | 6720001226 |

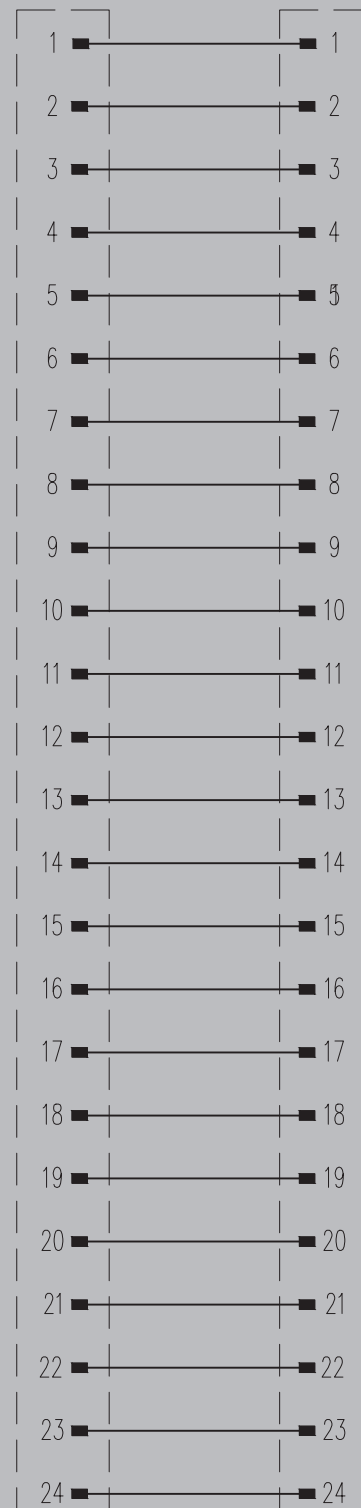
| Note | |
|------|--|
| | |

Accessories

| Note | |
|---|--|
| Pluggable connector (not include with the Front adaptor): 1277970000 - B2CF 3.50/24/180F SN BK BX | |

WIRING-ARM

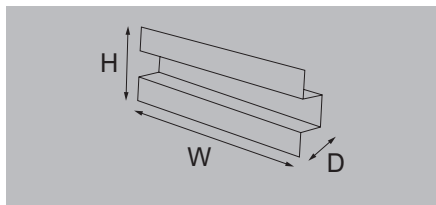
S2L 24p



FAD – Front adapters for migrations - Schneider Quantum module

Point-to-point connection

- Conversion between the Quantum connector to connector S2CD-THR 3.5/20 (2 units)
- 40 points
- UR file 141197: 4 A per channel/point max., 32 A total max., 125 V max.



MODICON QUANTUM MIG MOD,40 POL



Technical data

| General data | |
|-----------------------------------|-----------|
| Ambient temperature (operational) | 0...50 °C |
| Storage temperature | 0...50 °C |
| Approvals | |
| Approvals | CE, CURUS |

| |
|-----------|
| 0...50 °C |
| 0...50 °C |
| CE, CURUS |

| Dimensions | |
|------------------------|------------------------|
| Width / Height / Depth | 41 mm / 250 mm / 76 mm |

| |
|------------------------|
| 41 mm / 250 mm / 76 mm |
|------------------------|

| Note | |
|------|-------------------------|
| Note | UL File Number: E141197 |

| |
|-------------------------|
| UL File Number: E141197 |
|-------------------------|

| Ordering data | | | |
|--------------------------------|------|------------|--|
| Type | Qty. | Order No. | |
| MODICON QUANTUM MIG MOD,40 POL | 1 | 6720001822 | |

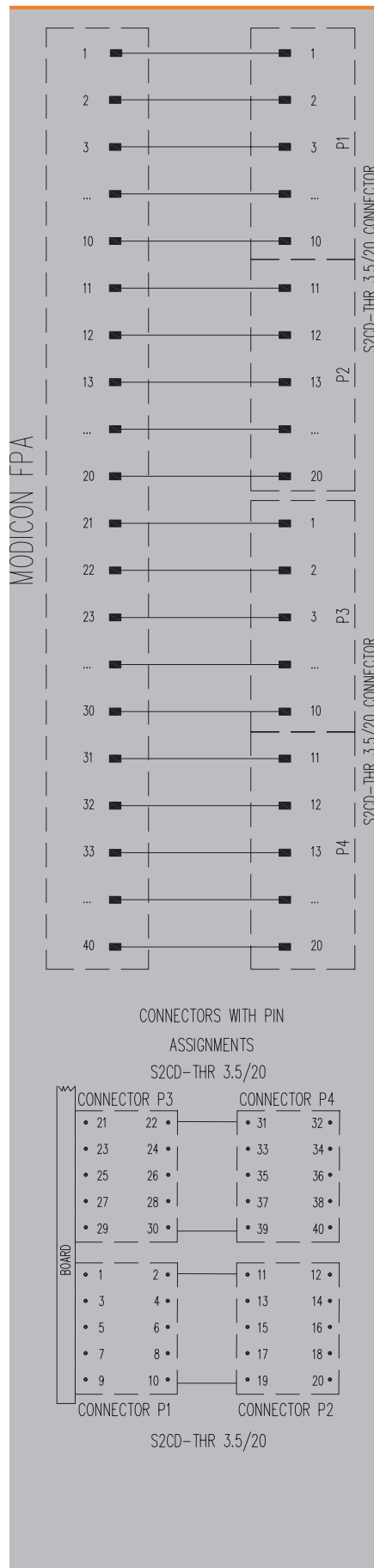
| Type | Qty. | Order No. |
|--------------------------------|------|------------|
| MODICON QUANTUM MIG MOD,40 POL | 1 | 6720001822 |

| Note | |
|------|--|
| Note | |

| |
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| |
|--|

| Accessories | |
|-------------|--|
| Note | |

| |
|--|
| |
|--|

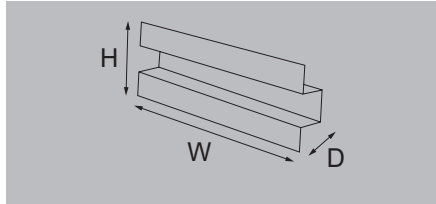


FAD – front adapters for migrations from Siemens APAC migration module – Card System

FAD – Front adapters for migrations - Siemens APAC migration module

Point-to-point connection

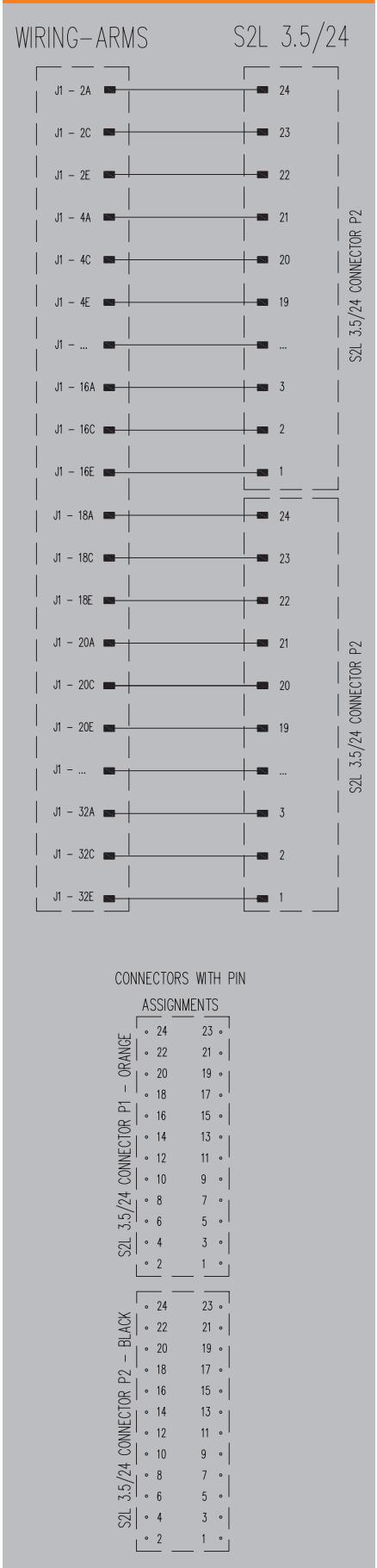
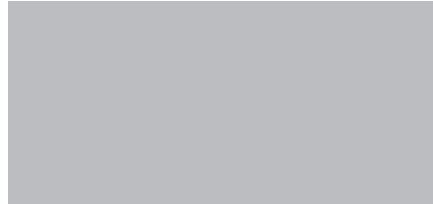
- Conversion between the Moore connector to 2 pluggable connectors 3.5 mm
- UR file 141197: 3 A per channel/point max. (12 channels), 36 A total max, 125 V max.
- C1 D2/Z2 T4A: 3 A per channel/point max. (8 channels), 24 A total max., 125 V max.
- 24 points



Technical data

| General data | |
|-----------------------------------|-----------|
| Ambient temperature (operational) | 0...50 °C |
| Storage temperature | 0...50 °C |
| Approvals | |
| Approvals | CE, cURus |

SP-Siemens APACs Migration Mod



| Dimensions |
|------------------------|
| Width / Height / Depth |

| |
|------------------------|
| 41 mm / 127 mm / 44 mm |
|------------------------|

| Note |
|--|
| UL File Number: E141197; UL File Number Class 1 Div 2: E324123 |

Ordering data

| Type | Qty. | Order No. |
|--------------------------------|------|-------------------|
| SP-Siemens APACs Migration Mod | 1 | 7940121185 |

| Note |
|------|
| |

Accessories

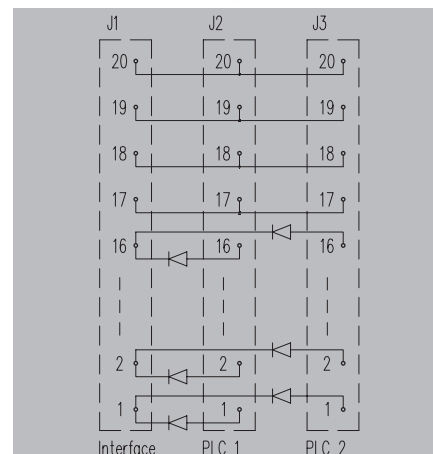
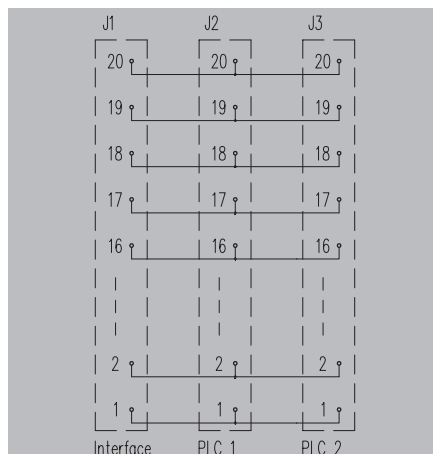
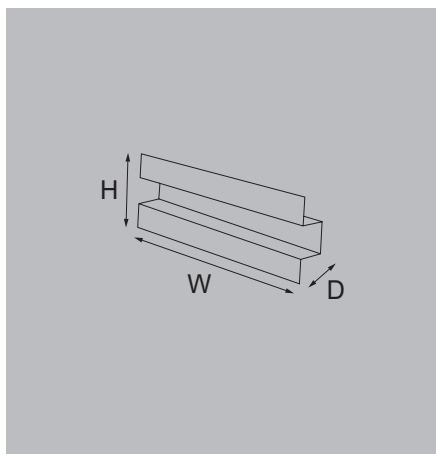
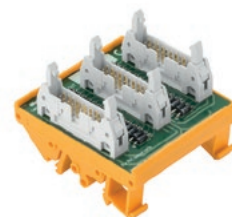
| Note |
|--|
| To be used with 7508002174 rack. Pluggable connector (not include with the Front adaptor): 1277780000 - B2CF 3.50/24/180F SN OR BX (2 units) |

RS F20 X – Redundancy interfaces

- Connection 1 to 1 for input interfaces
- Diode protection for output interfaces

RS F20 X3 IN

RS F20 X3 OUT



Technical data

| Connection data | |
|-----------------------------------|-------------------|
| Connection on control side | |
| Number of poles (control side) | 20-pole |
| Earthing | No |
| Rated data | |
| Rated voltage | 50 V AC / 70 V DC |
| Rated current per connection | 0.5 A |
| Total operating current | 3 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | 50 V AC / 70 V DC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 0.35 kVAC |

| Connection data | |
|--|-------------------|
| 3 x plug-in connectors in acc. with IEC60603-13 / DIN41651 | |
| 20-pole | |
| Earthing | No |
| Rated data | |
| Rated voltage | 50 V AC / 70 V DC |
| Rated current per connection | 0.5 A |
| Total operating current | 3 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | 50 V AC / 70 V DC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 0.35 kVAC |

| Connection data | |
|--|-------------------|
| 3 x plug-in connectors in acc. with IEC60603-13 / DIN41651 | |
| 20-pole | |
| Earthing | No |
| Rated data | |
| Rated voltage | 50 V AC / 70 V DC |
| Rated current per connection | 0.5 A |
| Total operating current | 3 A |
| General data | |
| Ambient temperature (operational) | -25...50 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE |
| Insulation coordination (EN50178) | |
| Rated insulation voltage | 50 V AC / 70 V DC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Insulation test voltage | 0.35 kVAC |

Dimensions

| | |
|----------------|--------------|
| Rail | TS 35, TS 32 |
| Width / Height | 40 / 70 mm |

| | |
|----------------|--------------|
| Rail | TS 35, TS 32 |
| Width / Height | 40 / 70 mm |

| | |
|----------------|--------------|
| Rail | TS 35, TS 32 |
| Width / Height | 40 / 70 mm |

Note

Ordering data

| | |
|--|---------------|
| | without diode |
| | with diode |

| Type | Width | Order No. |
|--------------|-------|------------|
| RS F20 X3 IN | 40 mm | 1461210000 |

| Type | Width | Order No. |
|---------------|-------|------------|
| RS F20 X3 OUT | 40 mm | 1461220000 |

Note

Accessories

| | |
|------|--|
| Note | |
|------|--|

Note

| | |
|------|--|
| Note | |
|------|--|

Note

| | |
|------|--|
| Note | |
|------|--|

Card holders

| | | |
|---------------------|--------------|-----|
| Card holders | Introduction | H.2 |
| | Card holders | H.4 |

Card holders



Card holders are used for adapting Euro 19" format (100 x 160 mm) cards to plug-in connectors acc. to IEC 603/DIN 41612 and DIN 41617.

Cardholders can be used in industrial applications when:

- Adapting several 19" cards: As well as saving on the cost of a rack, accessibility is improved, because usually racks are only accessible from behind.
- The PCB card is in a remote position, making it difficult to install the cabling.
- It is necessary to extend legacy systems by adding more electronic modules.
- There are processes where quick replacement of the printed circuit and easy handling of connections is important.

Card holders have the following individual components:

- Snap-fit base and mechanism for securing the card
- Assembly plate and feet for direct assembly or for locking on DIN rails
- Printed circuit board where the following features can be identified:
 - Plug-in connectors acc. IEC 603/DIN 41612 and DIN 41617
 - Weidmüller terminals for screw connection



Card holders

SKH2 Card holders

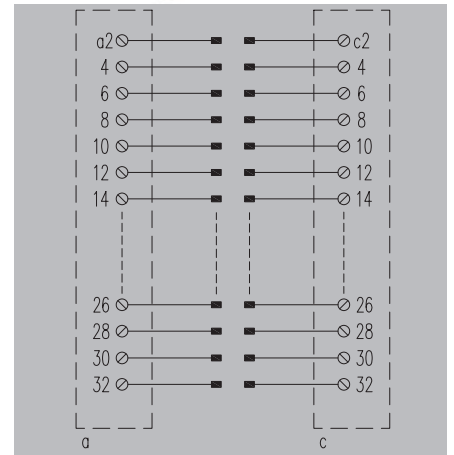
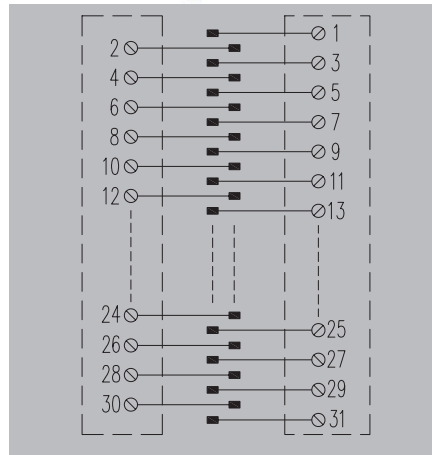
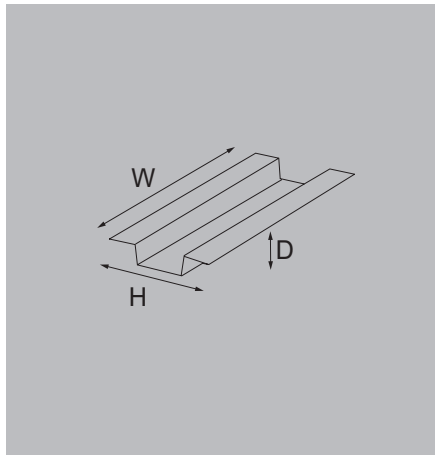
Card holders are used for adapting Euro cards (19") to plug connectors to IEC 603/DIN 41612 and DIN 41617.

- Screw connection
- Installed on rail TS 35 with accessories

SKH2 31



SKH2 D32 LP



Technical data

Connection data

Connection on control side
 Type (control side)
 Number of poles (control side)
 Contact assembly
 Design of the pluggable board

Rated data

Rated voltage
 Rated current per connection

General data

Ambient temperature (operational)
 Storage temperature
 Approvals

Insulation coordination

Rated insulation voltage
 Surge voltage category
 Pollution severity level
 Pulse voltage test (1,2/50µs)

Plug-in connector, acc. to DIN 41617 female

31-pole female
 a and b
 100x160 mm euro format for 19" racks

Rated data

125V AC / 150V DC
 4 A

General data

0...55 °C
 -40...60 °C
 CE

Insulation coordination

< 150 V AC
 II
 2
 1.5 kV

Plug-in connector, acc. to DIN 41612 female

32D
 32-pole female
 a and c
 100x160 mm euro format for 19" racks

Rated data

250 V UC
 4 A

General data

0...55 °C
 -40...60 °C
 CE

Insulation coordination

250 V
 II
 2
 2.1 kV

Dimensions

Clamping range, min./max.

Dimensions

0.5 mm² / 6 mm²
 160 mm / 192.5 mm

Dimensions

0.5 mm² / 6 mm²
 160 mm / 192.5 mm

Note

Ordering data

| Type | Qty. | Order No. |
|------------|------|------------|
| SKH2 31 LP | 1 | 8174800000 |

| Type | Qty. | Order No. |
|-------------|------|------------|
| SKH2 D32 LP | 1 | 8174830000 |

Note

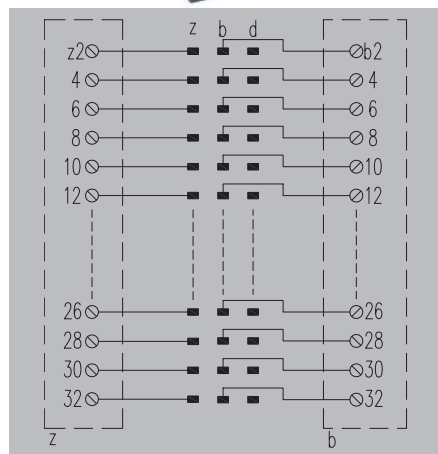
Accessories

Note

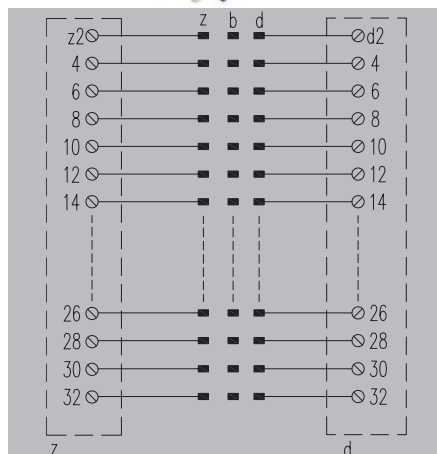
Kit for connection to TS35 8209340000

Kit for connection to TS35 8209340000

SKH2 F32 Z+B



SKH2 F32 Z+D



| |
|---|
| Plug-in connector, acc. to DIN 41612 female |
| 32F |
| 32-pole female |
| z and b |
| 100x160 mm euro format for 19" racks |
| 250 V UC |
| 4 A |
| 0...55 °C |
| -40...60 °C |
| CE |
| 250 V |
| II |
| 2 |
| 2.1 kV |

| |
|---|
| Plug-in connector, acc. to DIN 41612 female |
| 32F |
| 32-pole female |
| z and d |
| 100x160 mm euro format for 19" racks |
| 250 V UC |
| 4 A |
| 0...55 °C |
| -40...60 °C |
| CE |
| 250 V |
| II |
| 2 |
| 2.1 kV |

| |
|---|
| 0.5 mm ² / 6 mm ² |
| 160 mm / 192.5 mm |

| |
|---|
| 0.5 mm ² / 6 mm ² |
| 160 mm / 192.5 mm |

| Type | Qty. | Order No. |
|--------------------|------|------------|
| SKH2 F32 (Z+B) LPP | 1 | 8174850000 |

| Type | Qty. | Order No. |
|-------------------|------|------------|
| SKH2 F32 (Z+D) LP | 1 | 8174860000 |

Kit for connection to TS35 8209340000

Kit for connection to TS35 8209340000

Card holders

SKH

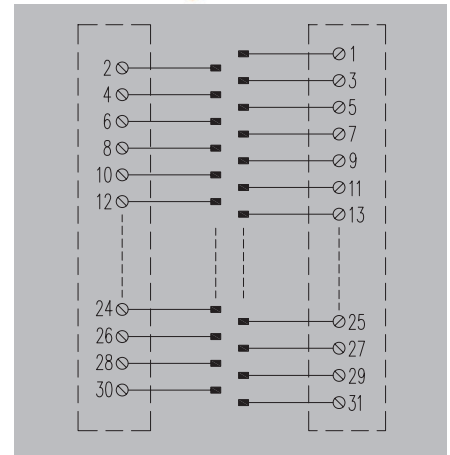
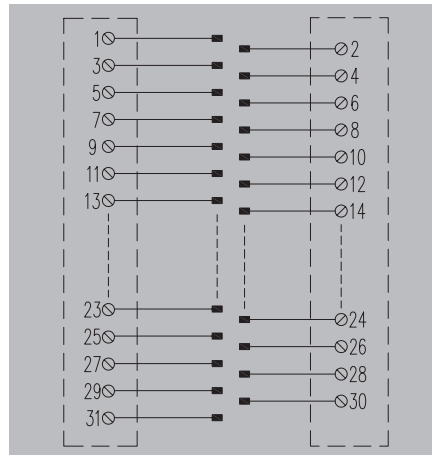
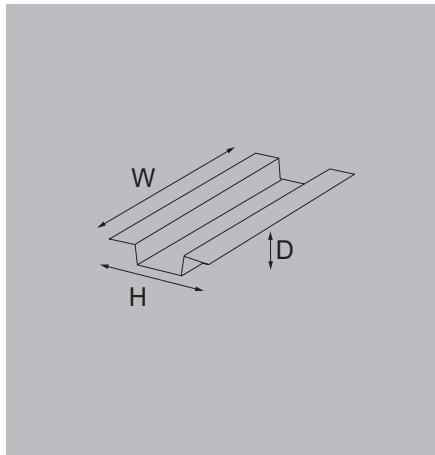
Card holders are used for adapting Euro cards (19") to plug connectors to IEC 603/DIN 41612 and DIN 41617.

- Screw connection
- Installed on rail TS 35 with accessories

SKH31



SKH31 250VAC



Technical data

Connection data

Connection on control side
 Type (control side)
 Number of poles (control side)
 Contact assembly
 Design of the pluggable board

Rated data

Rated voltage
 Rated current per connection

General data

Ambient temperature (operational)
 Storage temperature
 Approvals

Insulation coordination

Rated insulation voltage
 Surge voltage category
 Pollution severity level
 Pulse voltage test (1,2/50µs)

Plug-in connector, acc. to DIN 41617 female

31-pole female
 a and b
 100x160 mm euro format for 19" racks

125V AC / 150V DC
 4 A

0...55 °C
 -40...60 °C
 CE

< 150 V AC
 II
 2
 1.5 kV

Plug-in connector, acc. to DIN 41617 female

31-pole female
 a and b
 100x160 mm euro format for 19" racks

250 V UC
 4 A

0...55 °C
 -40...60 °C
 CE

250 V
 II
 2
 2.1 kV

Dimensions

Clamping range, min./max.

0.5 mm² / 6 mm²
 131 mm / 144 mm

0.5 mm² / 6 mm²
 131 mm / 144 mm

Note

Ordering data

1 clamping bracket
 2 clamping brackets

| Type | Qty. | Order No. |
|---------------|------|------------|
| SKH 31 LP RH1 | 1 | 0586661001 |

| Type | Qty. | Order No. |
|----------------------|------|------------|
| SKH 31 LP 250VAC RH1 | 1 | 0648661001 |

Note

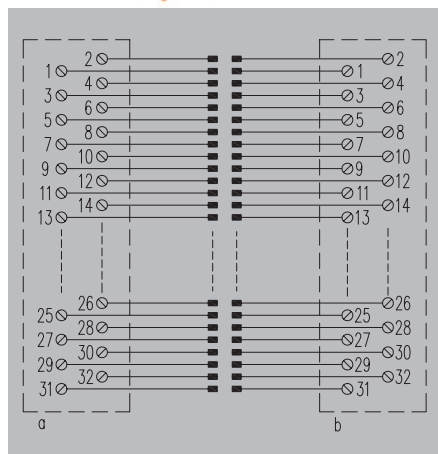
Accessories

Note

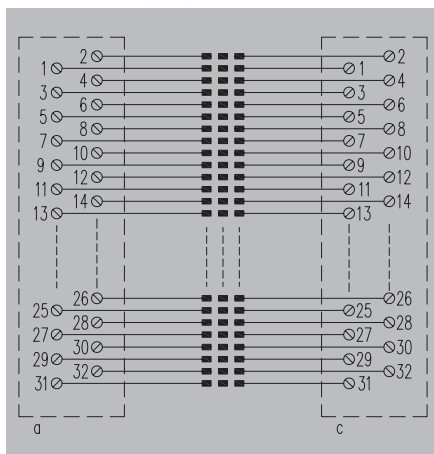
Kit for connection to TS35. Installation motherboard 2054280000 and mounting foot to TS35 0687900000

Kit for connection to TS35. Installation motherboard 2054280000 and mounting foot to TS35 0687900000

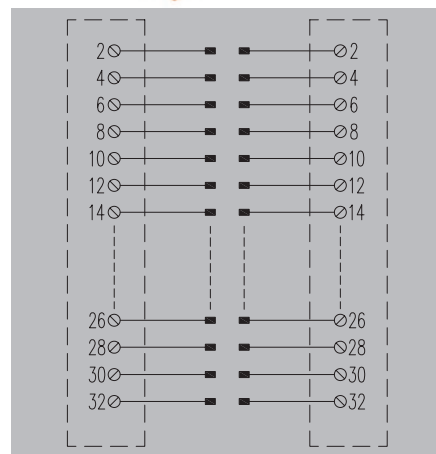
SKH B64



SKH C64



SKH D32



| |
|---|
| Plug-in connector, acc. to DIN 41612 female |
| B64 |
| 64-pole female |
| a and b |
| 100x160 mm euro format for 19" racks |
| 125V AC / 150V DC |
| 1 A |
| 0...55 °C |
| -40...60 °C |
| CE |
| < 150 V AC |
| II |
| 2 |
| 1.5 kV |
| 0.5 mm ² / 6 mm ² |
| 131 mm / 144 mm |

| |
|---|
| Plug-in connector, acc. to DIN 41612 female |
| 64C |
| 64-pole female |
| a and c |
| 100x160 mm euro format for 19" racks |
| 125V AC / 150V DC |
| 1 A |
| 0...55 °C |
| -40...60 °C |
| CE |
| < 150 V AC |
| II |
| 2 |
| 1.5 kV |
| 0.5 mm ² / 6 mm ² |
| 131 mm / 144 mm |

| |
|---|
| Plug-in connector, acc. to DIN 41612 female |
| 32D |
| 32-pole female |
| a and c |
| 100x160 mm euro format for 19" racks |
| 250 V UC |
| 4 A |
| 0...55 °C |
| -40...60 °C |
| CE |
| 250 V |
| II |
| 2 |
| 2.1 kV |
| 0.5 mm ² / 6 mm ² |
| 131 mm / 144 mm |

| Type | Qty. | Order No. |
|-------------|------|------------|
| SKH B64 RH2 | 1 | 0577360000 |

| Type | Qty. | Order No. |
|-------------|------|------------|
| SKH C64 RH2 | 1 | 0646660000 |
| SKH C64 RH2 | 1 | 0178960000 |

| Type | Qty. | Order No. |
|---------------------|------|------------|
| SKH D32 LP 5/16 RH2 | 1 | 0586761001 |

Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

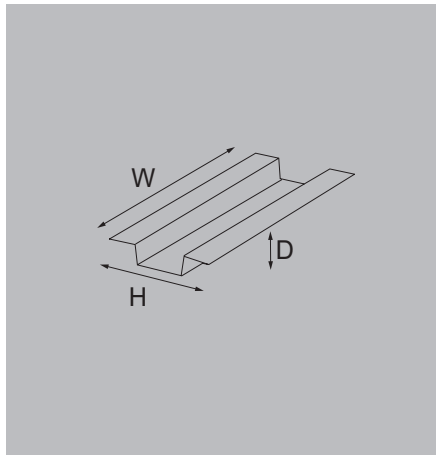
Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

Card holders

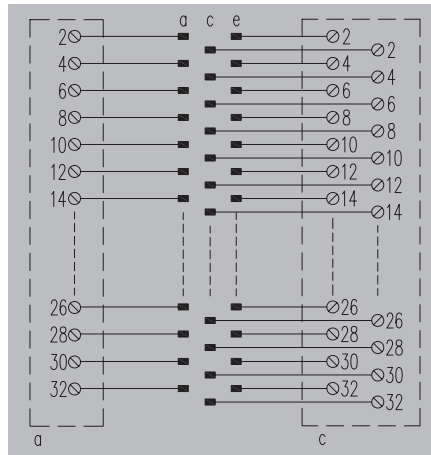
SKH

Card holders are used for adapting Euro cards (19") to plug connectors to IEC 603/DIN 41612 and DIN 41617.

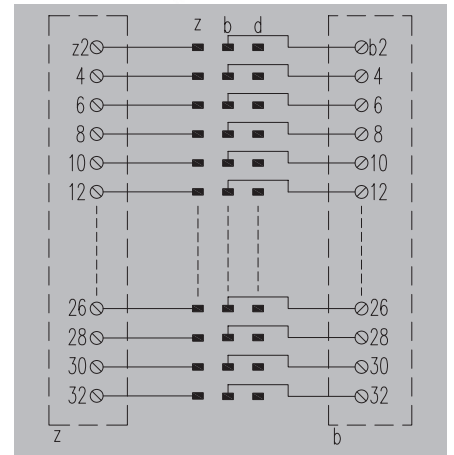
- Screw connection
- Installed on rail TS 35 with accessories



SKH E48



SKF F32 Z+B



Technical data

| Connection data | |
|-----------------------------------|---|
| Connection on control side | Plug-in connector, acc. to DIN 41612 female |
| Type (control side) | 48E |
| Number of poles (control side) | 48-pole female |
| Contact assembly | e, c, a |
| Design of the pluggable board | 100x160 mm euro format for 19" racks |
| Rated data | |
| Rated voltage | 125V AC / 150V DC |
| Rated current per connection | 4 A |
| General data | |
| Ambient temperature (operational) | 0...55 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE |
| Insulation coordination | |
| Rated insulation voltage | < 150 V AC |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 1.5 kV |

| Connection data | |
|-----------------------------------|---|
| Connection on control side | Plug-in connector, acc. to DIN 41612 female |
| Type (control side) | 32F |
| Number of poles (control side) | 32-pole female |
| Contact assembly | z and b |
| Design of the pluggable board | 100x160 mm euro format for 19" racks |
| Rated data | |
| Rated voltage | 250 V UC |
| Rated current per connection | 4 A |
| General data | |
| Ambient temperature (operational) | 0...55 °C |
| Storage temperature | -40...60 °C |
| Approvals | CE |
| Insulation coordination | |
| Rated insulation voltage | 250 V |
| Surge voltage category | II |
| Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 2.1 kV |

Dimensions

| | |
|---------------------------|--|
| Clamping range, min./max. | 0.5 mm ² / 6 mm ² 131 mm / 144 mm |
|---------------------------|--|

| | |
|---------------------------|--|
| Clamping range, min./max. | 0.5 mm ² / 6 mm ² 131 mm / 144 mm |
|---------------------------|--|

Note

Ordering data

| |
|---|
| 1 clamping bracket 2 clamping brackets |
|---|

| Type | Qty. | Order No. |
|----------------|------|------------|
| SKH E48 LP2/LP | 1 | 0690660000 |

| Type | Qty. | Order No. |
|----------------------|------|------------|
| SKH F32 (Z&B) LP RH2 | 1 | 0586861001 |

Note

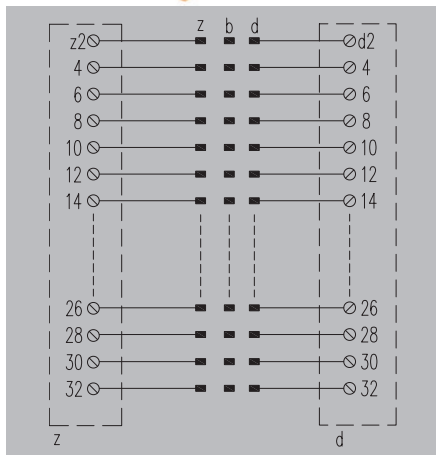
Accessories

| |
|------|
| Note |
|------|

| |
|--|
| Kit for connection to TS35. Installation motherboard 2054280000 and mounting foot to TS35 0687900000 |
|--|

| |
|--|
| Kit for connection to TS35. Installation motherboard 2054280000 and mounting foot to TS35 0687900000 |
|--|

SKF F32 Z+D



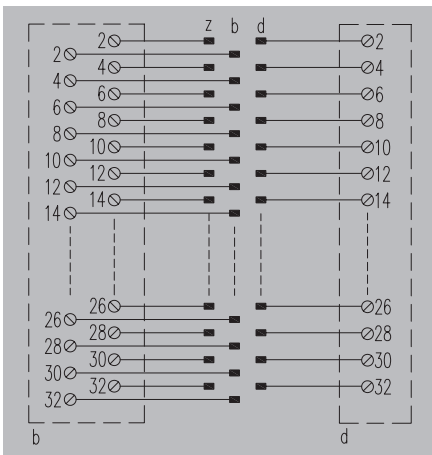
| |
|---|
| Plug-in connector, acc. to DIN 41612 female |
| 32F |
| 32-pole female |
| z and d |
| 100x160 mm euro format for 19" racks |
| 250 V UC |
| 4 A |
| 0...55 °C |
| -40...60 °C |
| CE |
| 250 V |
| II |
| 2 |
| 2.1 kV |

| |
|---|
| 0.5 mm ² / 6 mm ² |
| 131 mm / 144 mm |

| Type | Qty. | Order No. |
|----------------------|------|------------|
| SKH F32 (Z&D) LP RH2 | 1 | 0586961001 |

Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

SKH F48



| |
|---|
| Plug-in connector, acc. to DIN 41612 female |
| 48F |
| 48-pole female |
| z, b, d |
| 100x160 mm euro format for 19" racks |
| 125V AC / 150V DC |
| 4 A |
| 0...55 °C |
| -40...60 °C |
| CE |
| < 150 V AC |
| II |
| 2 |
| 1.5 kV |

| |
|---|
| 0.5 mm ² / 6 mm ² |
| 131 mm / 144 mm |

| Type | Qty. | Order No. |
|---------|------|------------|
| SKH F48 | 1 | 0587060000 |

Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

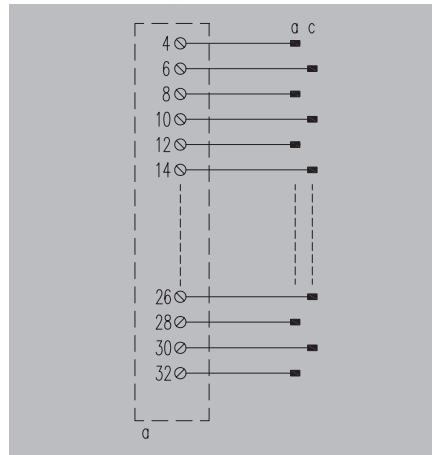
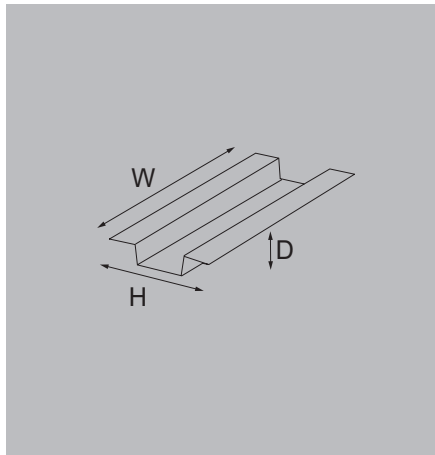
Card holders

SKH

Card holders are used for adapting Euro cards (19") to plug connectors to IEC 603/DIN 41612 and DIN 41617.

- Screw connection
- Installed on rail TS 35 with accessories

SKH H15



Technical data

Connection data

Connection on control side
 Type (control side)
 Number of poles (control side)
 Contact assembly
 Design of the pluggable board

Plug-in connector, acc. to DIN 41612 female

15H
 15-pole female
 a and c
 100x160 mm euro format for 19" racks

Rated data

Rated voltage
 Rated current per connection

250 V UC
 10 A

General data

Ambient temperature (operational)
 Storage temperature
 Approvals

0...55 °C
 -40...60 °C
 CE

Insulation coordination

Rated insulation voltage
 Surge voltage category
 Pollution severity level
 Pulse voltage test (1,2/50µs)

250 V
 II
 2
 2.1 kV

Dimensions

Clamping range, min./max.

0.5 mm² / 6 mm²
 131 mm / 144 mm

Note

Ordering data

1 clamping bracket
 2 clamping brackets

| Type | Qty. | Order No. |
|----------|------|------------|
| SKH H15S | 1 | 8051300000 |

Note

Accessories

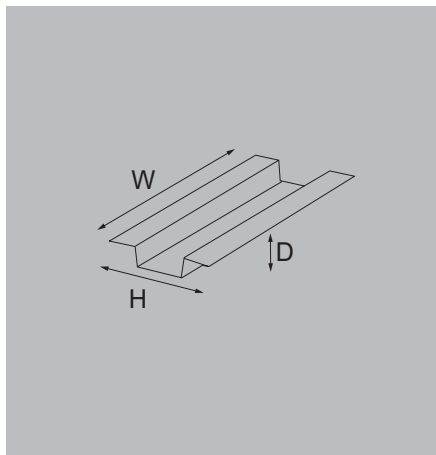
Note

Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

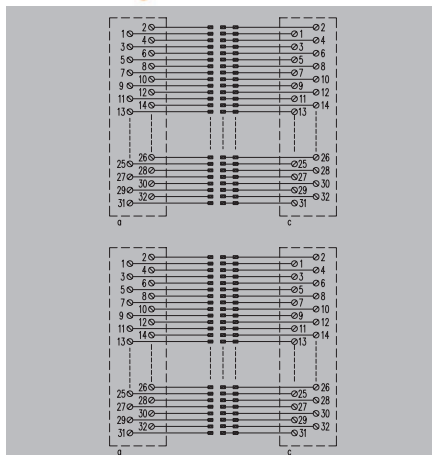
SKH x 2

Card holders are used for adapting Euro cards (19") to plug connectors to IEC 603/DIN 41612 and DIN 41617.

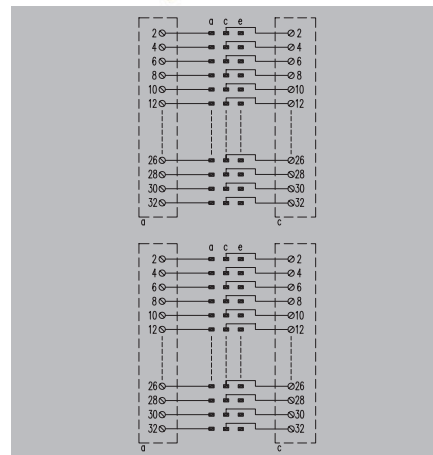
- Screw connection
- Installed on rail TS 35 with accessories



SKH 2XC64 A+C



SKH 2XD32 A+C



Technical data

Connection data

Connection on control side
 Type (control side)
 Number of poles (control side)
 Contact assembly
 Design of the pluggable board

Rated data

Rated voltage
 Rated current per connection

General data

Ambient temperature (operational)
 Storage temperature
 Approvals

Insulation coordination

Rated insulation voltage
 Surge voltage category
 Pollution severity level
 Pulse voltage test (1,2/50µs)

Connection data

Plug-in connector, acc. to DIN 41612 female
 64C
 64-pole female
 a and c
 233x160 mm double euro format for 19" enclosures

125V AC / 150V DC
 1 A

0...55 °C
 -40...70 °C
 CE

125 V AC
 II
 2
 1.1 kV

Connection data

Plug-in connector, acc. to DIN 41612 female
 32D
 32-pole female
 a and c
 233x160 mm double euro format for 19" enclosures

125V AC / 150V DC
 4 A

0...55 °C
 -40...70 °C
 CE

125 V AC
 II
 2
 1.1 kV

Dimensions

Clamping range, min./max.

0.5 mm² / 6 mm²
 286 mm / 144 mm

0.5 mm² / 6 mm²
 286 mm / 144 mm

Note

Ordering data

| |
|--------------------|
| 1 clamping bracket |
|--------------------|

| Type | Qty. | Order No. |
|---------------------|------|------------|
| SKH C64*2 (A&C) RH2 | 1 | 8013120000 |

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| SKH D32*2 LP5.08/16 RH2 | 1 | 8050981001 |

Note

Accessories

Note

Kit for connection to TS35: Installation motherboard 2051430000 and mounting foot TS35 0687900000

Kit for connection to TS35: Installation motherboard 2051430000 and mounting foot TS35 0687900000

Service and support

| | | |
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| 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 |
| | Information regarding the product images in this catalogue | 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.

V



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.



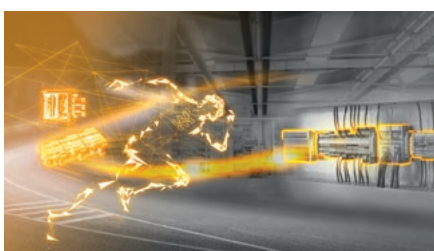
Assembled terminal rails - Flexibly designed to suit your requirements

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.

V



Interested in using easyConnect?

Learn how to get started with easyConnect step-by-step.

www.weidmueller.com/easyconnect

Why should you use easyConnect?

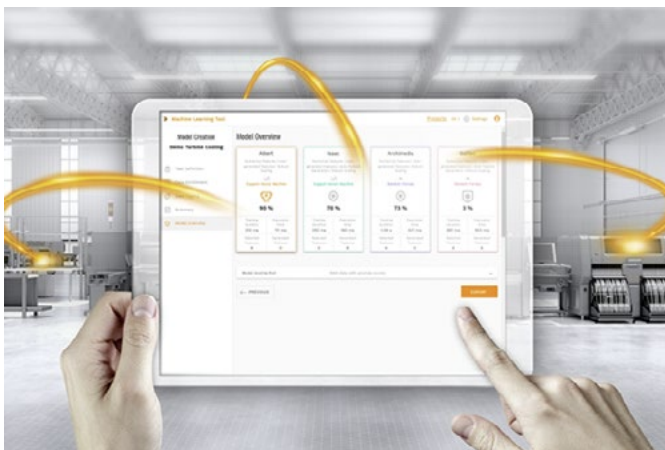
- You want to enter your digital transformation step-by-step?
- You want to make the step into Industrial IOT, but have no or little IT expertise?
- You want to use your digital data for smart & scalable services?
- You want to offer digital services (such as customised dashboard) to your customers?
- 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



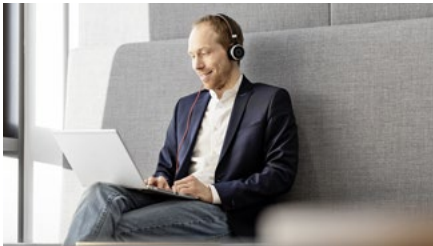
Receive fast and intuitive support to get the most out of our products in your application. In our new Support Center you can search or navigate to the many application notes, product information, video tutorials or software downloads of our products.

- **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



Explore the world of our new Support Center
support.weidmueller.com

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.



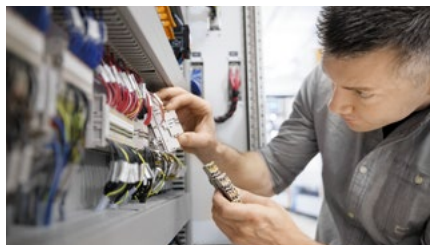
Security advisory board

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

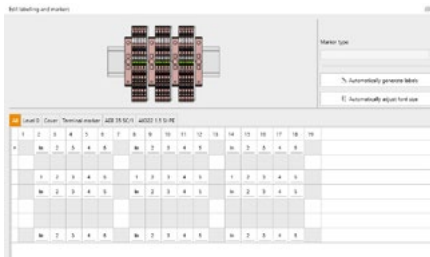


or register on easyconnect.weidmueller.com and use it online.



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!



Information regarding the product images in this catalogue

This catalogue has been developed while upgrading most of our SCREW interfaces to new PCB connectors. For this reason, some images in the catalogue might have slightly differences as described below.

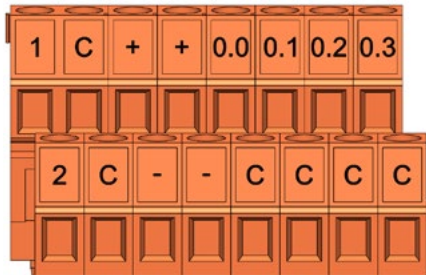
Until now, most of the products were delivered with DEKAFIX/WS. This marker type will be replaced by tampoprint technology or in some cases by KSW strip markers.

DEKAFIX/WS

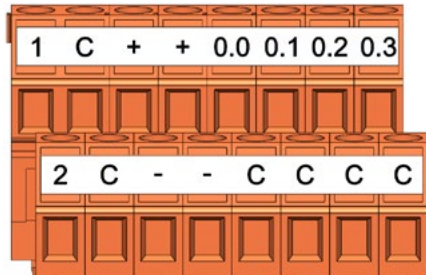
Flexible connector markers – print, clip, finished



Tampo printed



KSW



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| C300-16B-160B-2S-M34-1M | 1481710010 | B.17 |
| C300-16B-160B-2S-M50-1M | 1481720010 | B.17 |
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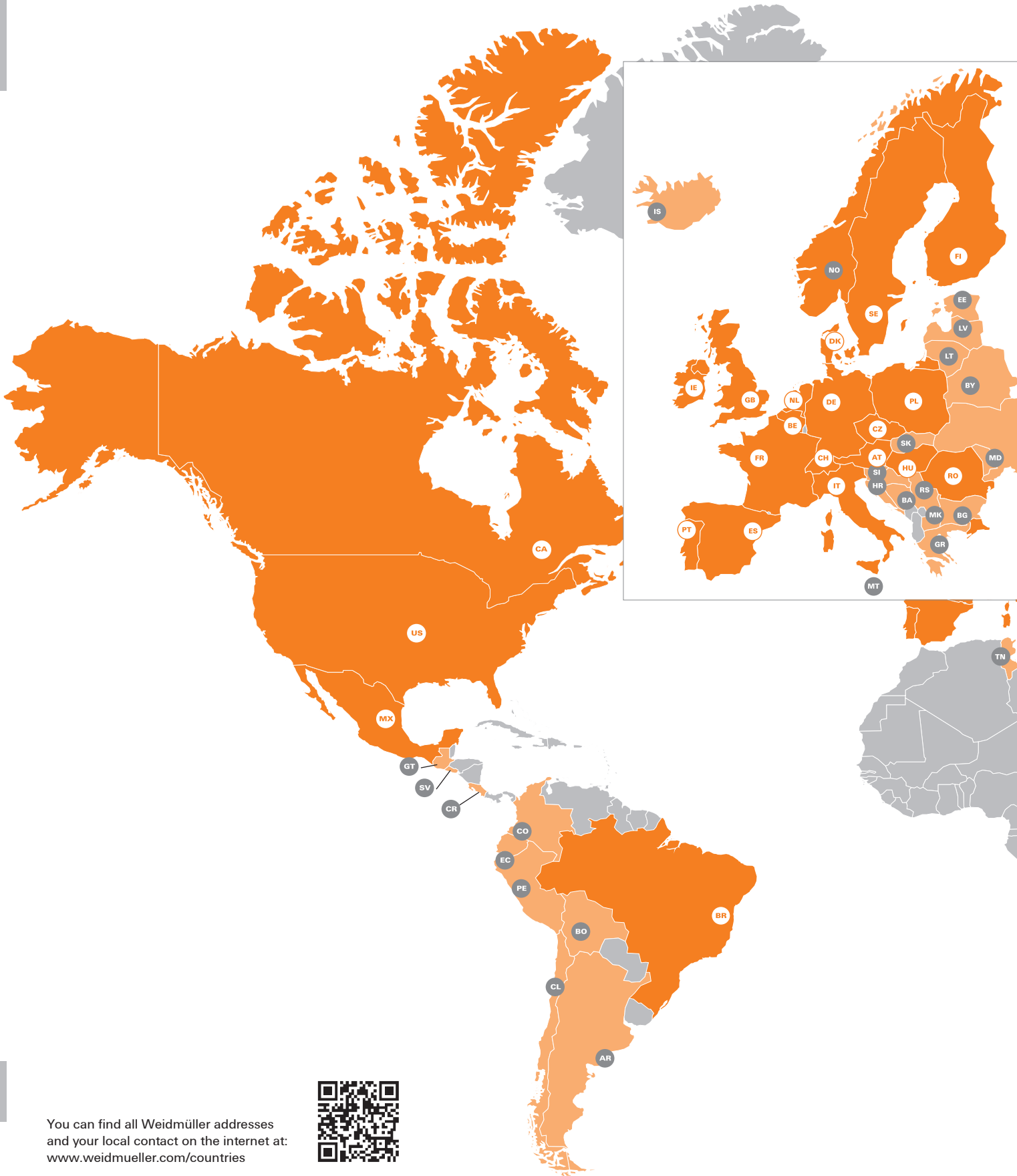
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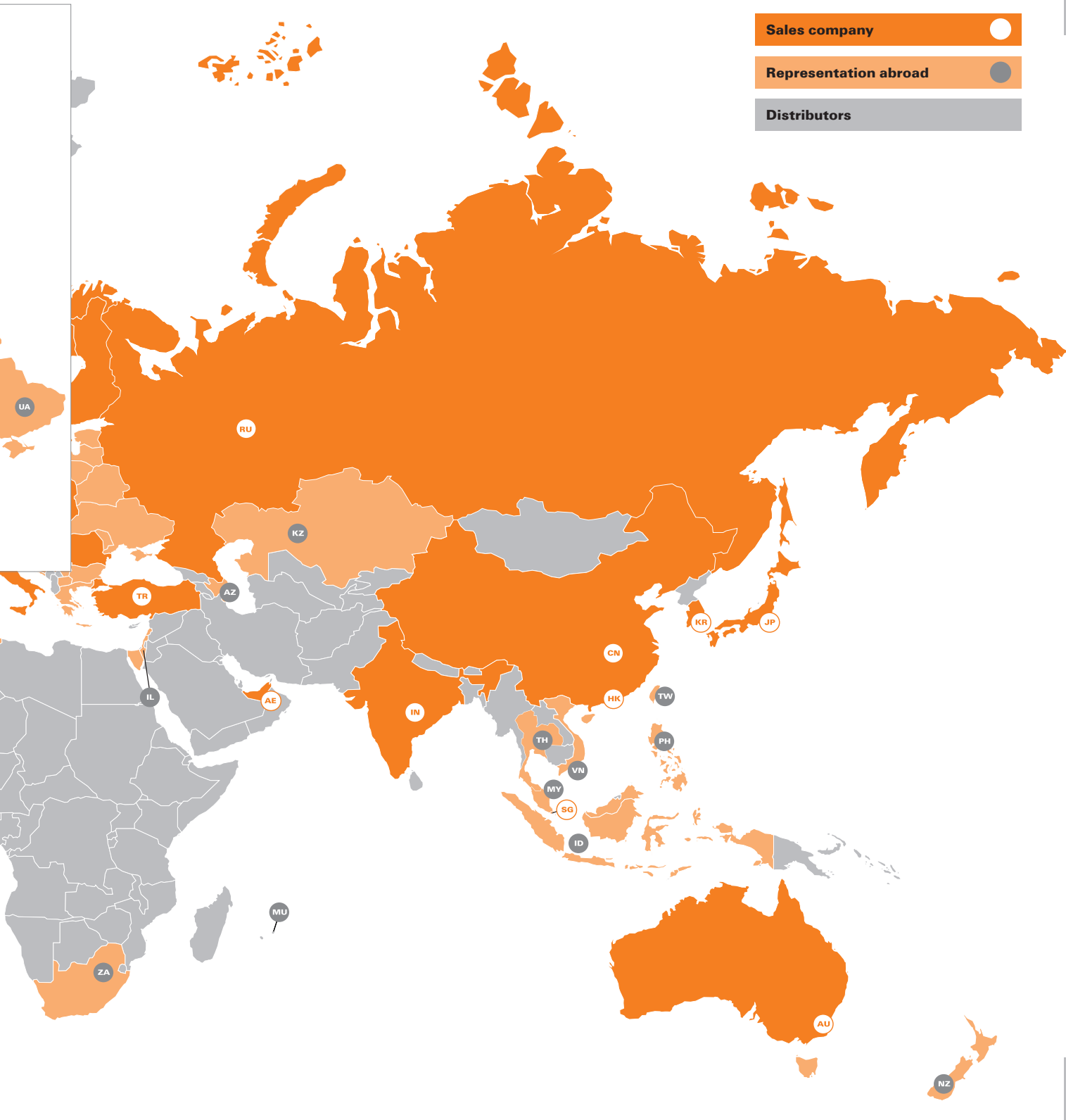
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