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

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, disconnector
- Screw or tension clamp connection

RS A
Page A.53

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

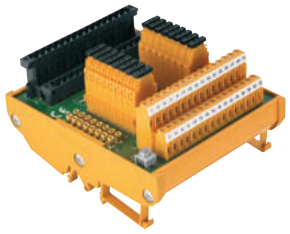
RSM
Page A.58

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

RSM
Page A.62

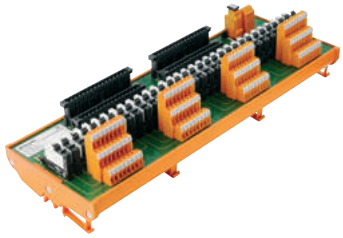
- Isolated interfaces for digital outputs for PLCs
- Ribbon connection cable 20 pole
- With narrow 6 mm relay or standard RCL
- Screw, tension clamp and PUSH IN connection

FTA-C300
Page B.5



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

FTA-C300-RSLIM
Page B.12

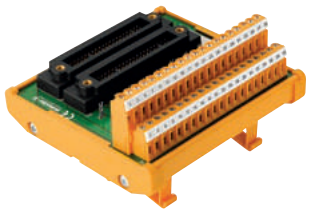


- Isolated digital input/output interfaces for Honeywell C300
- Screw or tension clamp connection

C300 / PAC-C300
Page B.13

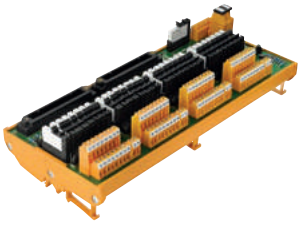
- Pre-assembled cables for Honeywell C300
- Premium range (with housing) and Basic range (without housing)

TBY-C3
Page C.5



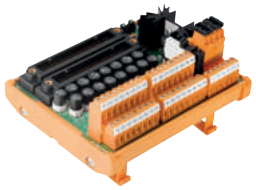
- Passive Interfaces for CS3000 digital and analogue cards
- 2 KS (40 poles) or AKB (50 poles) connectors for redundancy
- With LED, fuses, disconnectors
- Screw and tension clamp connection

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

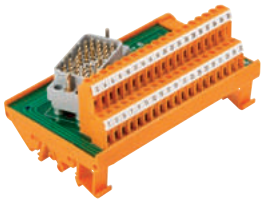
RS SD HD
Page D.10

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

RS RJ45
Page D.11

- 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

PLC / DCS System Cabling & Migration Solutions

RSX
Page D.17

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

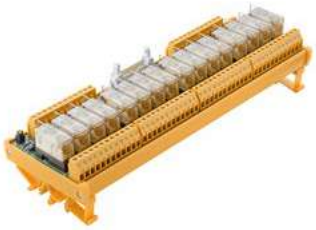
RS VERT
Page D.18

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

RSD
Page D.21

- 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 avaliable to make easy the connection to PLC'S
- Compatible with solid-state relays
- Screw, PUSH IN and tension clamp connection

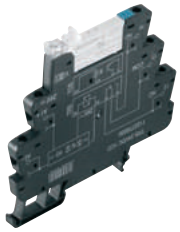
RSMS 1CO
Page E.13

- Relay interface 1 changeover
- From 8 to 16 electromechanical relays
- Positive or negative switching or ac/dc
- Flat-connector avaliable 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

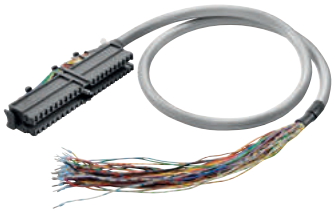
PAC-HD
Page F.6

- 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
Page G.12

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

FAD S5135
Page G.16

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

FAD BLK1, BLK, BLK7, BLK9
Page G.20

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

FAD PREM
Page G.26

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

FAD 1771
Page G.29

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

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
Page G.39

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

IPC620
Page G.44

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

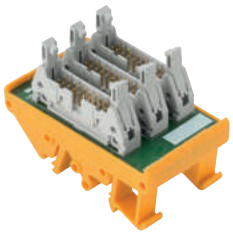
FAD – Front adapters for migrations – Schneider Quantum module
Page G.47

- 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
Seite G.48

- 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

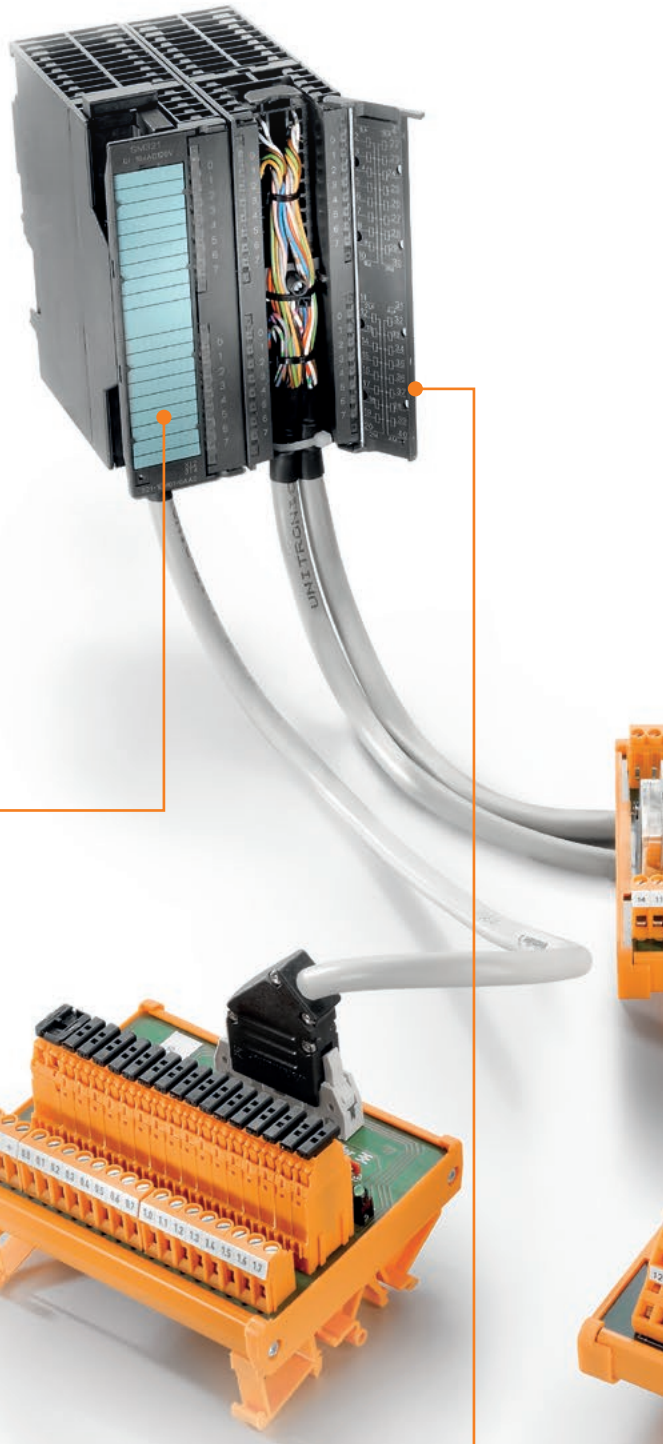
Universal solutions for PLC input/output cards

Universal solutions for PLC input/output cards

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, ...

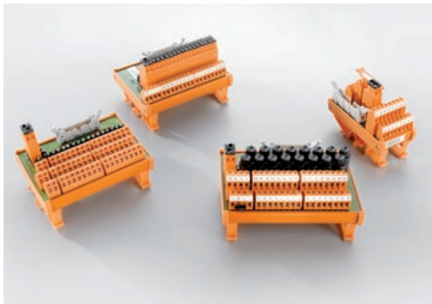
Guaranteed connection
The original factory connector is on one end of the PLC and standard connectors are on the other end: ribbon cable with fixing housing for digital signals and SUB-D connector for analogue signals. Available in different lengths.

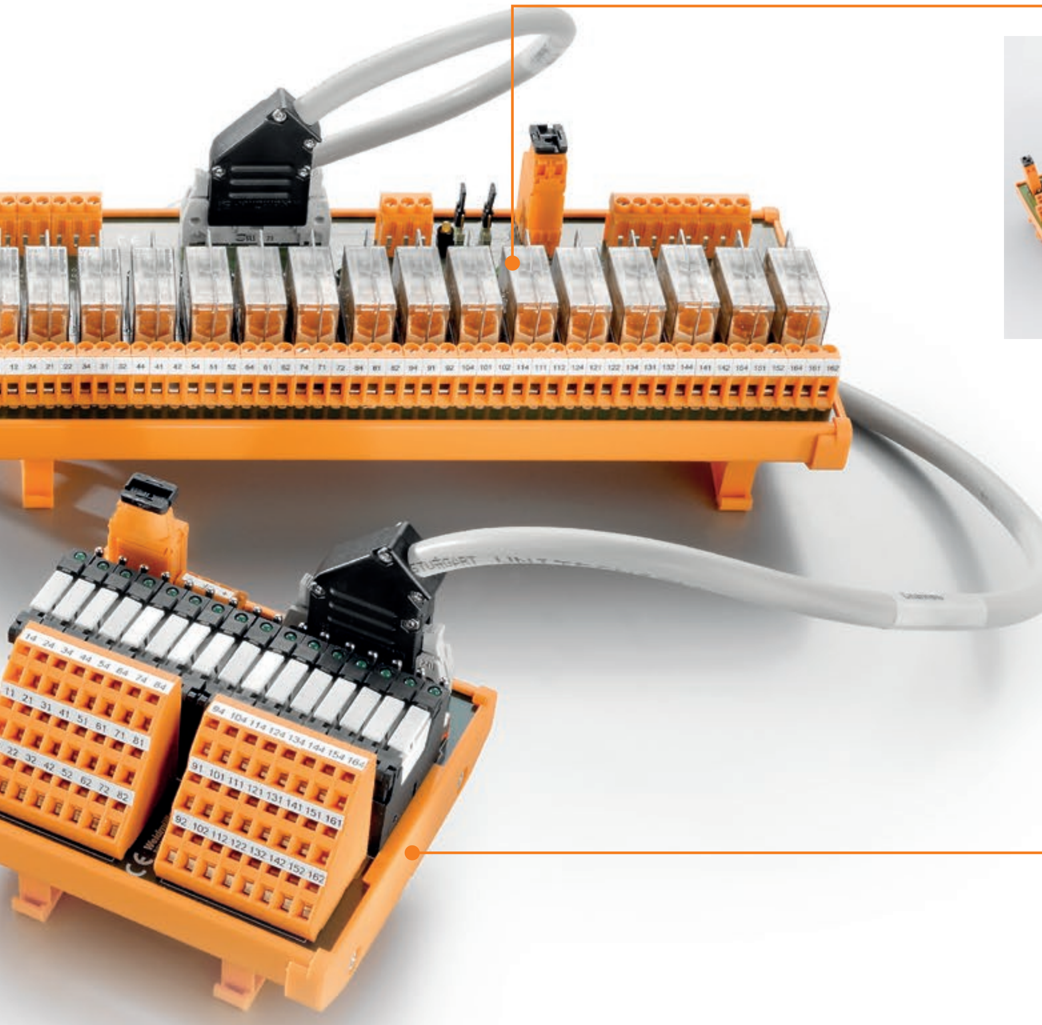
Simple system configuration
Selection tables are available in this catalogue to assist you in choosing the right products for your application. In addition, there is also an automatic software selection guide on the website.

PLC SIEMENS – S7-300 / ET- 200M

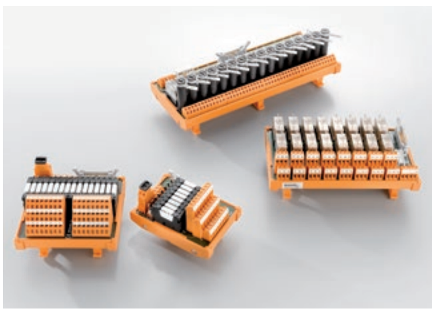
	PLC		Cables		Interfaces					
	Input/Output cards		Standard		Direct inputs/outputs - see page A.35 (H,R) or A.51 (A) -		Insulated inputs - see page A.57 -		Insulated outputs - see page A.61 -	
	Manufacturer code	Number/Type of channels	Order No.	Quantity	Type	Quantity	Type	Quantity	Type	Quantity
DI/DO	6ES7323-1BL00-0AA0	16 DI	7789236xxx	1	H2016	1	I2016	1		
		16 DO			H2016	1			O2016	1
AI	6ES7331-7HF01-0AB0	8AI	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				
	6ES7331-7KB01-0AB0	2 AI	7789224xxx	1	A1504	1				
	6ES7331-7KB02-0AB0	2 AI	7789224xxx	1	A1504	1				
	6ES7331-7KF00-0AB0	8AI	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				
	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				

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.

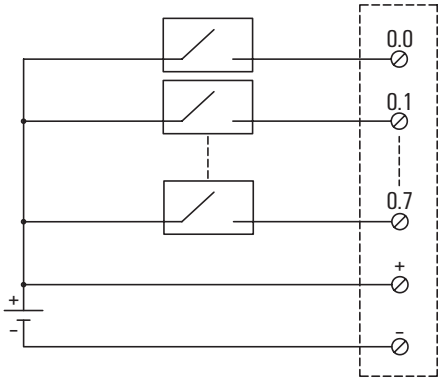
Digital input/output interfaces (H System)

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:

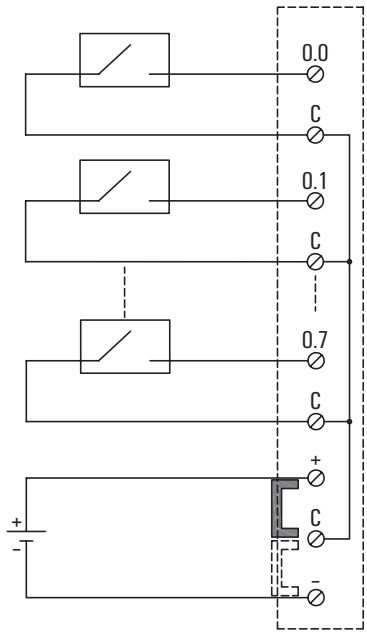
- LED
- Fusible
- Interruptor

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.

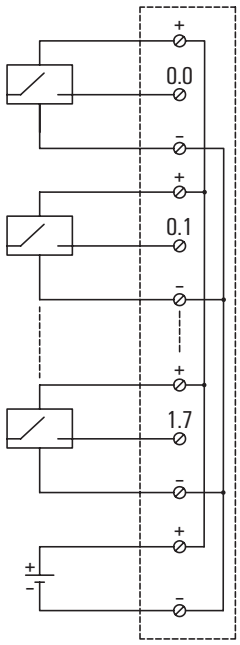
1-wire system:
In field components, one of the wires is connected to the interface while the other is connected to a common power supply point (for example a terminal block).



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

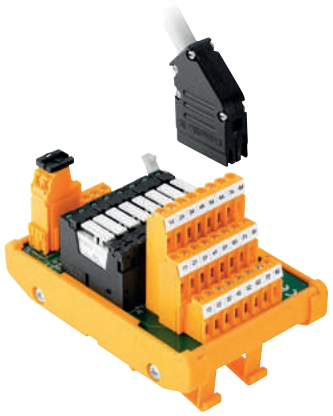
The insulated digital input/output interfaces are used, when necessary, to isolate the PLC signal from the field signal, normally when adapting voltages between the field components and the PLC operational voltage.

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 mm^2 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

№	Colour	№	Colour	№	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

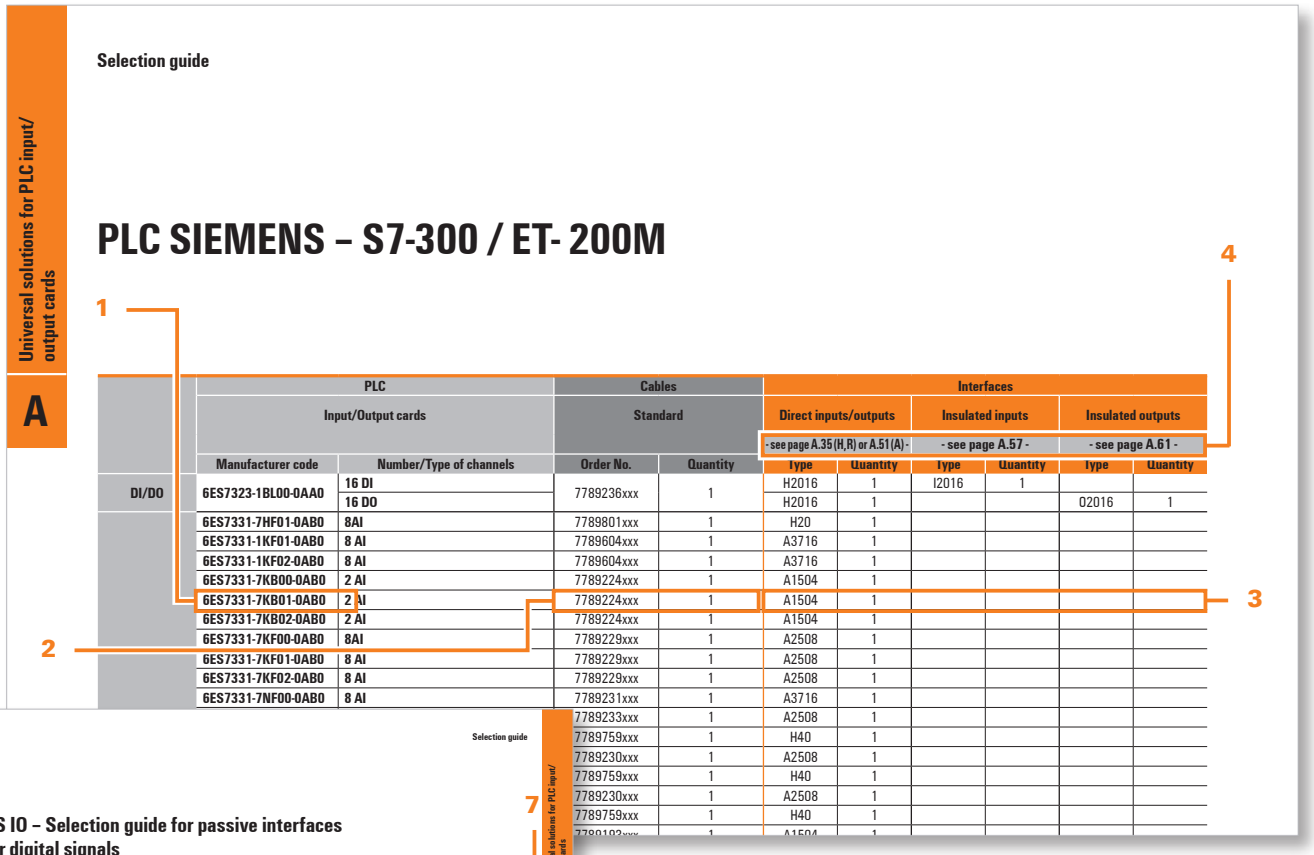
- **Fast**
  The use of pre-assembled cables means there are real savings in time:
  – during design, thanks to the selection guides.
  – during assembly.
  – during startup.
  – in the detection/resolution of problems.

- **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

PLC interface selection tables



Selection guide

Universal solutions for PLC input/ output cards

A

PLC SIEMENS – S7-300 / ET- 200M

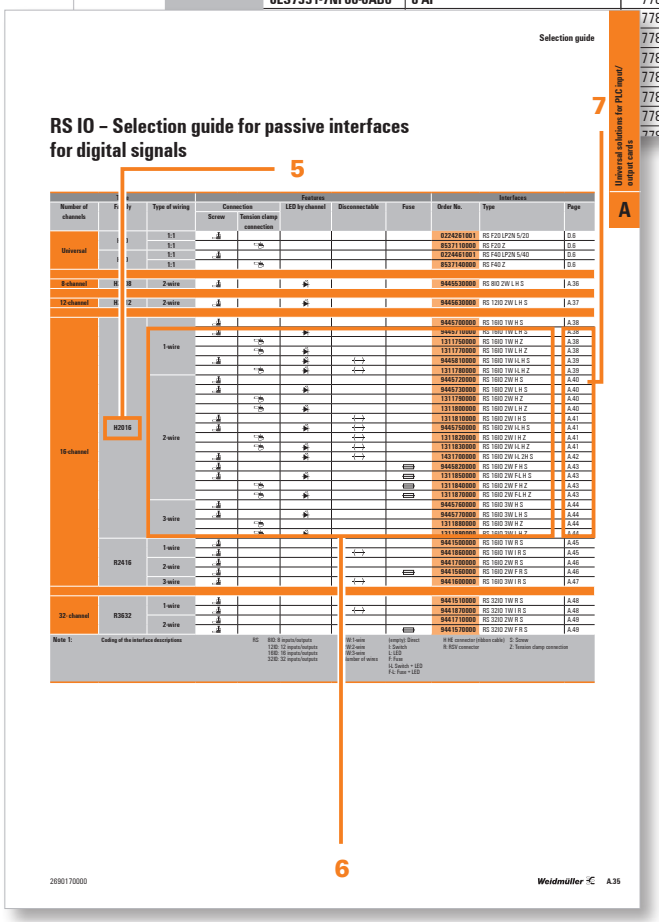
1

2

3

4

	PLC		Cables		Interfaces					
	Input/Output cards		Standard		Direct inputs/outputs		Insulated inputs		Insulated outputs	
					- see page A.35 (H,R) or A.51 (A) -		- see page A.57 -		- see page A.61 -	
	Manufacturer code	Number/Type of channels	Order No.	Quantity	Type	Quantity	Type	Quantity	Type	Quantity
DI/DO	6ES7323-1BL00-0AA0	16 DI	7789236xxx	1	H2016	1	I2016	1		
		16 DO			H2016	1			O2016	1
	6ES7331-7HF01-0AB0	8AI	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				
	6ES7331-7KB01-0AB0	2 AI	7789224xxx	1	A1504	1				
	6ES7331-7KB02-0AB0	2 AI	7789224xxx	1	A1504	1				
	6ES7331-7KF00-0AB0	8AI	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				
			7789233xxx	1	A2508	1				
			7789759xxx	1	H40	1				
			7789230xxx	1	A2508	1				
			7789759xxx	1	H40	1				
			7789230xxx	1	A2508	1				
			7789759xxx	1	H40	1				



Selection guide

Universal solutions for PLC input/ output cards

A

RS IO – Selection guide for passive interfaces for digital signals

5

6

7

Number of channels	Type of wiring	Connection: Screw	Connection: Tension clamp connection	LED by channel	Disconnectable	Fuse	Order No.	Type	Page
Universal	1:1						0224261001	RS F20 LP2N 5/20	D.6
	1:1						8537110000	RS F20 Z	D.6
	1:1						0224461001	RS F40 LP2N 5/40	D.6
	1:1						8537140000	RS F40 Z	D.6
8-channel	2-wire						9465530000	RS 8IO 2W L H S	A.36
12-channel	2-wire						9465630000	RS 12IO 2W L H S	A.37
16-channel H2016	1-wire						9465700000	RS 16IO 1W H S	A.38
							9465710000	RS 16IO 1W L H S	A.38
							1311750000	RS 16IO 1W H Z	A.38
							1311770000	RS 16IO 1W L H Z	A.38
							9465810000	RS 16IO 1W H L H S	A.39
							1311780000	RS 16IO 1W L H L H Z	A.39
	2-wire						9465720000	RS 16IO 2W H S	A.40
							9465730000	RS 16IO 2W L H S	A.40
							1311790000	RS 16IO 2W H Z	A.40
							1311800000	RS 16IO 2W L H Z	A.40
							1311810000	RS 16IO 2W I H S	A.41
							9465750000	RS 16IO 2W H L H S	A.41
							1311820000	RS 16IO 2W I H Z	A.41
							1311830000	RS 16IO 2W H L H Z	A.41
							1431700000	RS 16IO 2W H L 2H S	A.42
							9465820000	RS 16IO 2W F H S	A.43
							1311850000	RS 16IO 2W F L H S	A.43
							1311940000	RS 16IO 2W F H Z	A.43
							1311870000	RS 16IO 2W F L H Z	A.43
	3-wire						9465760000	RS 16IO 3W H S	A.44
							9465770000	RS 16IO 3W L H S	A.44
							1311880000	RS 16IO 3W H Z	A.44
							1311890000	RS 16IO 3W L H Z	A.44
R2416	1-wire						9461500000	RS 16IO 1W H S	A.45
							9461800000	RS 16IO 1W I R S	A.45
	2-wire						9461700000	RS 16IO 2W H S	A.46
							9461560000	RS 16IO 2W F R S	A.46
	3-wire						9461600000	RS 16IO 3W I R S	A.47
32-channel R3632	1-wire						9461510000	RS 32IO 1W R S	A.48
							9461870000	RS 32IO 1W I R S	A.48
	2-wire						9461710000	RS 32IO 2W R S	A.49
							9461570000	RS 32IO 2W F R S	A.49

Note 1: Coding of the interface descriptions — RS: IO: 8: 8 inputs/outputs; 12: 12 inputs/outputs; 16: 16 inputs/outputs; 32: 32 inputs/outputs. W: 1-wire; W2-wire; W3-wire; number of wires. (empty): Direct; I: Switch; L: LED; F: Fuse; H: Switch + LED; F-L: Fuse + LED. R: M8 connector (ribbon cable); S: Screw; Z: Tension clamp connection.

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Weidmüller A.35

The selection tables help you to choose the pre-assembled cables and interfaces.

1 Select the PLC card from the corresponding table
Example:
- PLC: Siemens S7-300
- Card: 6ES7321-1BH82-0AA0

2 Check the code of the cable to be ordered:
Example:
- Cable code 7789234xxx
- Quantity: 1 unit (by card)

The last 3 digits indicate the length:
For example 015 indicates 1.5 m

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.

Selection guide

PLC ABB S800

	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.weidmueller.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.weidmueller.com where you will always find the most up-to-date information.

PLC GE FANUC RX3i

	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	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 4 AI, differential applications	7789667xxx		A2508	1				
	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 2 AO	2680720xxx		A3716	1				
DI/DO	IC695HCS308	8 DI 7 DO	1419430xxx		H20	1				

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.weidmueller.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	
					- 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	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.weidmueller.com where you will always find the most up-to-date information.

HONEYWELL – CONTROL EDGE

	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		
	900G01-0202	16 DI	2857440xxx	1	H20	1				
DO	900H03-0202	8 DO	2857150xxx	1	R2416	1				
	900H01-0202 B)	8DO	2857460xxx	1						
	900H32-0102	32 DO	2789390xxx	1	H2016	2			O2016	2
AI	900A16-0103	16 AI	2789370xxx	1	A3716	1				
AO	900B01-0301	4 AO	2857120xxx	1	A1504	1				
	900B08-0202	8 AO	2789380xxx	1	A2508	1				
UIO	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	900K01-0201 C)	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.weidmueller.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	
					- 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	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

	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	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				
	XIOC-16DO	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-I2	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-I2	4 AO	7789868xxx	1	A1504	1				
	XIOC-2AO-U2	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	
					- 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	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.weidmueller.com where you will always find the most up-to-date information.

PLC ROCKWELL – COMPACT 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	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		
		32 DI, negative logic A)	1489180xxx	1	H2016	2				
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
	1769-OB32	32 DO	7789769xxx	1	H2016	2			O2016	2
			7789697xxx	1						
	1769-OB32T	32 DO	1489170xxx	1	H2016	2			O2016	2
	1769-OB8	8 DO	7789015xxx	1	H2008	1			O2008	1
	1769-OV16 A)	16 DO	7789769xxx	1	H2016	1				
	1769-OW16	16 DO	7789024xxx	1	R2416	1				
	1769-OW8I	8 DO	7789016xxx	1	R2416	1				
AI	1769-IF4	4 AI, current applications	7789026xxx	1	A1504	1				
	1769-IF4	4 AI, voltage applications	7789046xxx	1	A1504	1				
	1769-IF4I	4 AI, current applications	7789027xxx	1	A1504	1				
	1769-IF4I	4 AI, voltage applications	7789047xxx	1	A1504	1				
	1769-IF8	8 AI, current 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.weidmueller.com where you will always find the most up-to-date information.

PLC ROCKWELL – MICRO LOGIX 1400

	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-IF2OF2	2 AI 2 AO	1350480xxx	1	A1504	1				

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.weidmueller.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	
					- 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	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
	TMSDO2T	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.weidmueller.com where you will always find the most up-to-date information.

PLC SCHNEIDER – M340 / M580

	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	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				
	BMX DDI 3202 K	32 DI	7789387xxx	1	H2016	2	I2016	2		
	BMX DDI 6402 K	64 DI	7789387xxx	2	H2016	4	I2016	4		
DO	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
	BMX DDO 6402 K	64 DO	7789387xxx	2	H2016	4			O2016	4
	BMX DRA 0805	8 DO	7789633xxx	1	R2416	1				
	BMX DRA 1605	16 DO	7789384xxx	1	R2416	1				
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				
	BMX ART 0814	8 AI	7789639xxx	2	A3716	2				
AO	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.

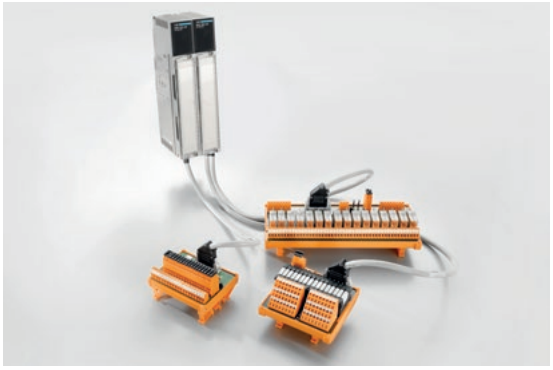
PLC SCHNEIDER – MICRO

	PLC		Cables		Interfaces					
	Input/Output cards		Standard		Direct inputs/outputs		Insulated inputs		Insulated outputs	
					- 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	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	TSD 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
DI/DO	TSX DMZ 16DTK	8 DI	7789834xxx	1	H2008	1				
		8 DO			H2008	1			02008	1
	TSX DMZ 28AR	16 DI	7789331xxx	1	R2416	1				
		12 DO			R2416	1				
	TSX DMZ 28DR	16 DI	7789331xxx	1	R2416	1				
		12 DO			R2416	1				
	TSX DMZ 28DT	16 DI	7789313xxx	1	H2016	1				
		12 DO			H2016	1			02016	1
	TSX DMZ 28DTK	16 DI	7789301xxx	1	H2016	1				
		12 DO	7789301xxx	1	H2016	1			02016	1
	TSX DMZ 64DTK	32 DI	7789301xxx	2	H2016	2				
		32 DO	7789301xxx	2	H2016	2			02016	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.weidmueller.com where you will always find the most up-to-date information.

PLC SCHNEIDER – QUANTUM



	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	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				
	140 AVI 030 00	8 AI, voltage applications	7789134xxx	1	A2508	1				
AO	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

	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	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		R2416	1				
	TWD LMDA 20DRT B)	12 DI, negative logic	7789100xxx	1	H2016	1				
		8 DO	7789104xxx		R2416	1				
	TWD LMDA 20DTK	12 DI, positive logic	7789327xxx	1	H2016	1				
		8 DO			H2016	1			O2016	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.

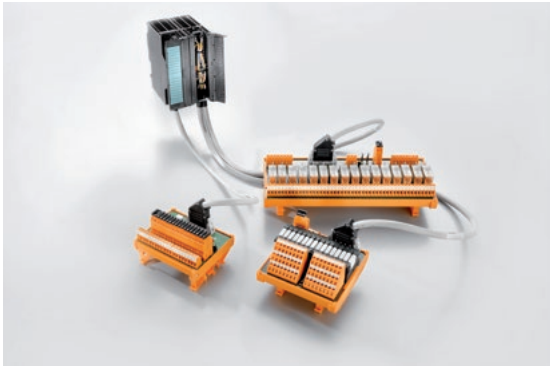
PLC SIEMENS – S7-200

	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	6ES7223-1BF22-0AX0	4 DI	7789100xxx	2	H2008	1				
		4 DO			H2008	1			O2008	1
	6ES7223-1BH22-0XA0	8 DI	7789100xxx	2	H2008	1				
		8 DO			H2008	1			O2008	1
	6ES7223-1BL22-0XA0	16 DI	7789100xxx	2	H2016	1				
		16 DO			H2016	1			O2016	1
	6ES7223-1BM22-0XA0	32 DI	7789100xxx	4	H2016	2				
		32 DO			H2016	2			O2016	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



	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	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
	6ES7322-1BL00-0A00	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	7789237xxx	1	H2008	1				
		8DO			H2008	1			O2008	1
	6ES7323-1BH01-00A0	8 DI	7789237xxx	1	H2008	1				
		8 DO			H2008	1			O2008	1
	6ES7323-1BH80-0AA0	8 DI	7789237xxx	1	H2008	1				
		8 DO			H2008	1			O2008	1
	6ES7323-1BH80-0A00	8 DI	7789237xxx	1	H2008	1				
		8 DO			H2008	1			O2008	1
	6ES7323-1BL00-0AA0	16 DI	7789236xxx	1	H2016	1	I2016	1		
		16 DO			H2016	1			O2016	1
AI	6ES7331-7HF01-0AB0	8AI	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				

PLC SIEMENS – S7-300 / ET-200M

	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	8AI	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			O2008	1
	6ES7312-5BD01-0AB0	10 DI	1431530xxx	1	H2016	1				
		6 DO			H2008	1			O2008	1
	6ES7312-5BE03-0AB0	10 DI	1431530xxx	1	H2016	1				
		6 DO			H2008	1			O2008	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			O2016	1
		8 DI	7789223xxx	1	H2008	1				
		5 AI + 2 AO			A2508P	1				
	6ES7313-5BE00-0AB0	16 DI	7789222xxx	1	H2016	1				
		16 DO			H2016	1			O2016	1
		8 DI	7789223xxx	1	H2008	1				
		5 AI + 2 AO			A2508P	1				

PLC SIEMENS – S7-300 / ET-200M

	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
CPU	6ES7313-5BE01-0AB0	16 DI	7789222xxx	1	H2016	1	I2016	1		
		16 DO			H2016	1			O2016	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			O2016	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			O2016	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			O2016	1
	6ES7313-6BE01-0AB0	16 DI	7789222xxx	1	H2016	1	I2016	1		
		16 DO			H2016	1			O2016	1
	6ES7313-6BF03-0AB0	16 DI	7789222xxx	1	H2016	1	I2016	1		
		16 DO			H2016	1			O2016	1
	6ES7313-6CE00-0AB0	16 DI	7789222xxx	1	H2016	1	I2016	1		
		16 DO			H2016	1			O2016	1
	6ES7313-6CE01-0AB0	16 DI	7789222xxx	1	H2016	1	I2016	1		
		16 DO			H2016	1			O2016	1
	6ES7313-6CF03-0AB0	16 DI	7789222xxx	1	H2016	1	I2016	1		
		16 DO			H2016	1			O2016	1
	6ES7314-6BF00-0AB0	16 DI	7789222xxx	1	H2016	1	I2016	1		
		16 DO			H2016	1			O2016	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			O2016	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			O2016	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			O2016	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			O2016	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			O2016	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			O2016	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.

PLC SIEMENS – S7-400

	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	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.weidmueller.com where you will always find the most up-to-date information.

PLC SIEMENS – S7-1200

	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.

PLC SIEMENS – S7-1500 / ET 200MP

	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 6ES7522-1BH01-0AB0	16 DO	1462090xxx	1	H2016	1			O2016	1
	6ES7522-1BL00-0AB0 6ES7522-1BL01-0AB0	32 DO	2744090xxx	1	R3632	1				
	6ES7522-1BL00-0AB0 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		
		32DO	2814320xxx	1	H2016	2			O2016	2
	6ES7523-1BP50-0AA0 (di negative logic)	32DI	2814160xxx	1	H2016 A)	2				
		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 transmiter)	4 AI	2740910xxx	1	A1504 D)	1				
	6ES7531-7QD00-0AB0 (2-wires transmiter)	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.weidmueller.com where you will always find the most up-to-date information.

SIEMENS – ET 200SP

	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	2742890xxx1)	1	H2008	1	I2016 D)	1		
	6ES7131-6BF61-0AA0 A) C)	DI 08x24Vdc SRC BA	2742890xxx1)	1	H2016 D)	1				
	6ES7131-6BF01-0BA0 B)	DI 8x24VDC ST	2742890xxx1)	1	H2008	1	I2016 D)	1		
	6ES7131-6BH01-0BA0 B)	DI 16x24VDC ST	2732130xxx1)	1	H2016	1	I2016	1		
	6ES7131-6BF00-0CA0 B)	DI 08x24Vdc HF	2742890xxx1)	1	H2008	1	I2016 D)	1		
	6ES7131-6TF00-0CA0	DI 8xNAMUR HF	2732130xxx1)	1	H20	1				
	6ES7131-6BF00-0DA0 B)	DI 8x24VDC HS	2742890xxx1)	1	H2008	1	I2016 D)	1		
DO	6ES7132-6BF01-0AA0 C)	DQ 8x24VDC/0.5A BA	2742890xxx1)	1	H2008	1			02008	1
	6ES7132-6BF61-0AA0 A) B)	DQ 8x24VDC/0.5A SNK BA	2742890xxx1)	1	H2016 D)	1			02008N	1
	6ES7132-6BD20-0BA0 C)	DQ 4x24VDC/2A ST	2756670xxx1)	1	H2008	1			02008	1
	6ES7132-6BF01-0BA0 C)	DQ 8x24VDC/0.5A ST	2742890xxx1)	1	H2008	1			02008	1
	6ES7132-6BH00-0AA0 C)	DQ 16x24VDC/0.5A BA	2732130xxx1)	1	H2016	1			02016	1
	6ES7132-6BH01-0BA0 C)	DQ 16x24VDC/0.5A ST	2732130xxx1)	1	H2016	1			02016	1
	6ES7132-6BD20-0CA0 C)	DQ 4x24VDC/2A HF	2756670xxx1)	1	H2008	1			02008	1
	6ES7132-6BF00-0CA0 C)	DQ 8x24VDC/0,5A HF	2742890xxx1)	1	H2008	1			02008	1
	6ES7132-6BD20-0DA0	DQ 4x24VDC/2A HS	2732130xxx1)	1	H20	1				
	6ES7132-6GD51-0BA0	RQ 4x24VUC/2A CO ST	2732130xxx1)	1	H20	1				
AI	6ES7134-6GF00-0AA1	AI 8xI 2-/4-fils BA	2732150xxx1)	1	A2508	1				
			2732160xxx2)	1	A2508	1				
	6ES7134-6FF00-0AA1	AI 8xU BA	2732150xxx1)	1	A2508	1				
			2732160xxx2)	1	A2508	1				
	6ES7134-6FB00-0BA1	AI 2xU ST	2756690xxx1)	1	A1504	1				
			2756700xxx2)	1	A1504	1				
	6ES7134-6HD01-0BA1(Tension mode)	AI 4xU/I 2-wire ST	2742880xxx1)	1	A1504	1				
	6ES7134-6HD01-0BA1(Current mode)		2884770xxx1)	1	A1504	1				
	6ES7134-6HD01-0BA1(Tension mode)		2756720xxx2)	1	A1504	1				
	6ES7134-6HD01-0BA1(Current mode)		2884780xxx2)	1	A1504	1				
	6ES7134-6GD01-0BA1(2-wire current mode)	AI 4xI 2-/4-wire ST	2884770xxx1)	1	A1504	1				
	6ES7134-6GD01-0BA1(4-wire current mode)		2742880xxx1)	1	A1504	1				
	6ES7134-6GD01-0BA1(2-wire current mode)		2884780xxx2)	1	A1504	1				
	6ES7134-6GD01-0BA1(4-wire current mode)		2756720xxx2)	1	A1504	1				
	6ES7134-6HB00-0CA1 E)	AI 2xU/I 2-/4-wire HF	2756730xxx1)	1	A25	1				
			2756740xxx2)	1	A25	1				
	6ES7134-6JD00-0CA1 E)	AI 4xRTD/TC 2-/3-/4- wire HF	2756730xxx1)	1	A25	1				
			2756740xxx2)	1	A25	1				
	6ES7134-6JF00-0CA1	AI 8xRTD/TC 2-wire HF	2732150xxx1)	1	A2508	1				
			2732160xxx2)	1	A2508	1				
	6ES7134-6HB00-0DA1 E)	AI 2xU/I 2-/4-wire HS	2756750xxx1)	1	A15	1				
			2756760xxx2)	1	A15	1				
	6ES7134-6TD00-0CA1 F)	AI 4xI 2-wire 4...20mA HART	2884790xxx1)	1	A2508	1				
			2884800xxx2)	1	A2508	1				
	6ES7134-6GB00-0BA1 E)	AI 2xI 2-/4-wire ST	2756730xxx1)	1	A25	1				
			2756740xxx2)	1	A25	1				
	7MH4134-6LB00-0DA0 E)	AI 2xSG 4-/6-wire HS	2756750xxx1)	1	A15	1				
			2756760xxx2)	1	A15	1				
AO	6ES7135-6FB00-0BA1	AQ 2xU ST	2756770xxx1)	1	A1504	1				
			2756780xxx2)	1	A1504	1				
	6ES7135-6GB00-0BA1	AQ 2xI ST	2756770xxx1)	1	A1504	1				
			2756780xxx2)	1	A1504	1				
	6ES7135-6HB00-0CA1	AQ 2xUI HF	2756790xxx1)	1	A1504	1				
			2756800xxx2)	1	A1504	1				
	6ES7135-6HB00-0DA1	AQ 2xUI HS	2756790xxx1)	1	A1504	1				
			2756800xxx2)	1	A1504	1				
	6ES7135-6HD00-0BA1	AQ 4xUI ST	2742880xxx1)	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.

SIEMENS – ET 200SP HA

	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]	DI16x 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 4x24VUC 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 16xI 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				
	6DL1134-6JH00-0PH1 [C]	AI16xTC/8xRTD 2-/3-/4-WIRE(2-wire)	2856410xxx [1]	1	A3716	1				
			2766050xxx [2]	1	A3716	1				
			2766060xxx [4]	1	A3716	1				
			1350500xxx [5]	1	A3716	1				
AO	6DL1135-6TF00-0PH1	AQ 8xI 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 6DL1193-6TC00-0DH0 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.

WEIDMÜLLER – u-remote

	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

Type			Features					Interfaces		
Number of channels	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
	R2416	1-wire	●					9441500000	RS 16IO 1W R S	A.48
			●			⟷		9441860000	RS 16IO 1W I R S	A.48
		2-wire	●					9441700000	RS 16IO 2W R S	A.49
			●				▭	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
I-L: Switch + LED
F-L: Fuse + LED

H HE connector (ribbon cable)
R: RSV connector

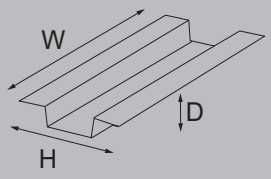
S: Screw connection
Z: Tension clamp connection

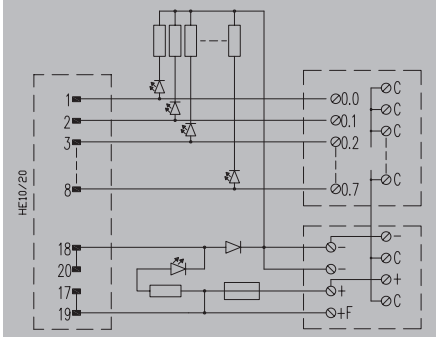
RS IO – Interface for 8 digital signals 2-wire H (HE connector) system

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	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
LED status display per channel	green
LED status of the supply voltage	yellow
Fuse per channel	No
Power supply fuse	3.15 A
Type of test point	No
Rated data	**CE**
Operating voltage	24 V DC ± 10%
Max. current per channel	1 A
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	2 A
General data	**CE**
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
Pulse voltage test (1,2/50µs)	0.8 kV
Dimensions	**Screw connection**
Clamping range, min./max.	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	74 mm / 87 mm
Note	The common C may carry up to 3 A if the external jumpers are not used

Ordering data

	Type	Depth	Order No.
Screw connection with LED	RS 8IO 2W L H S	72 mm	9445530000

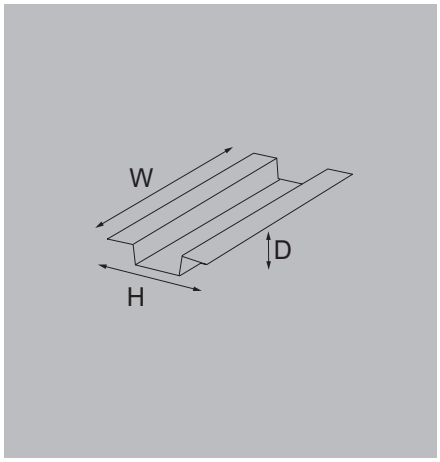
Note	The UL values only apply to the version with screw connection (UL recognised).

Accessories

Note	

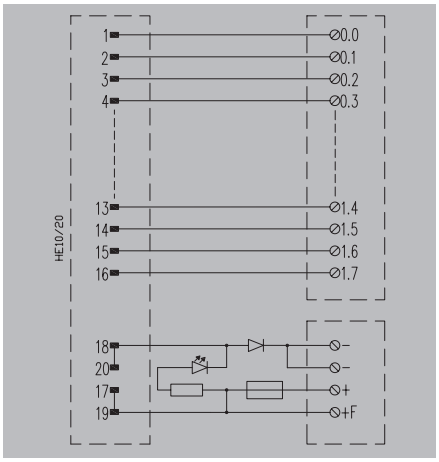
RS IO – Interface for 16 digital signals 1-wire H system

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



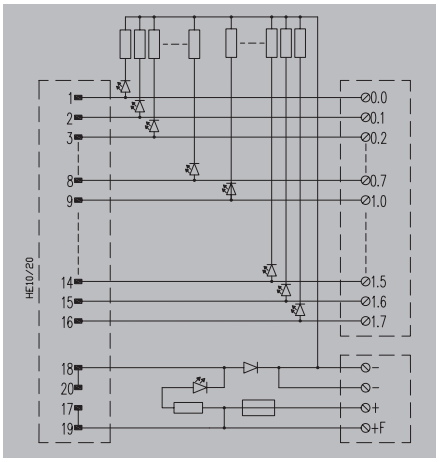
RS 16IO 1W H

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	Plug-in connector in acc. with IEC60603-13 / DIN41651	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug	20-pole plug
LED status display per channel	No	green
LED status of the supply voltage	yellow	yellow
Fuse per channel	No	No
Power supply fuse	3.15 A	3.15 A
Type of test point	No	No
Rated data	**CE**	**CE**
Operating voltage	25 V AC / 50 V DC	24 V DC ± 10%
Max. current per channel	1 A	1 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	2 A	2 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 50 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV

Dimensions	Screw connection	Tension-clamp connection	Screw connection	Tension-clamp connection
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	46 mm / 87 mm	46 mm / 87 mm	46 mm / 87 mm	46 mm / 87 mm
Note				

Ordering data

	Type	Depth	Order No.	Type	Depth	Order No.
Screw connection without LED	RS 16IO 1W H S	72 mm	**9445700000**			
Screw connection with LED				RS 16IO 1W L H S	72 mm	**9445710000**
Tension clamp connection without LED	RS 16IO 1W H Z	72 mm	**1311750000**			
Tension clamp connection with LED				RS 16IO 1W L H Z	72 mm	**1311770000**
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

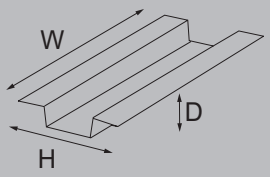
Note		

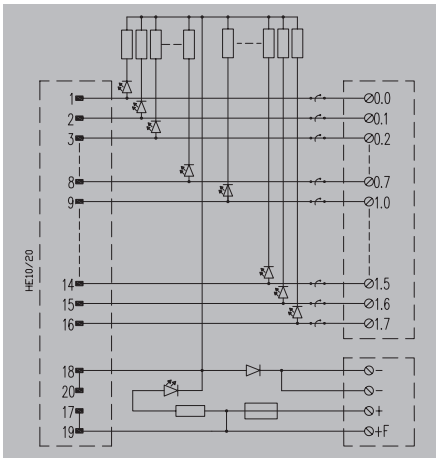
RS IO – Interface for 16 digital signals 1-wire H system

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	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
LED status display per channel	green
LED status of the supply voltage	yellow
Fuse per channel	No
Power supply fuse	3.15 A
Type of test point	No
Rated data	**CE**
Operating voltage	24 V DC ± 10%
Max. current per channel	1 A
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	2 A
General data	**CE**
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
Pulse voltage test (1,2/50µs)	0.8 kV

Dimensions	Screw connection	Tension-clamp connection
Clamping range, min./max.	0.13 mm² / 6 mm²	0.14 mm² / 1.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.14 mm² / 1.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	110 mm / 87 mm	110 mm / 87 mm
Note		

Ordering data

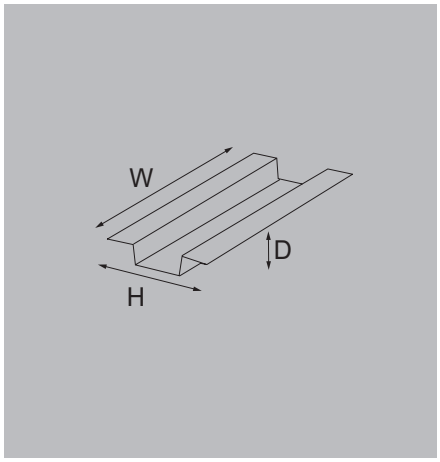
	Type	Depth	Order No.
Screw connection without LED			
Screw connection with LED	RS 16IO 1W I-L H S	72 mm	**9445810000**
Tension clamp connection without LED			
Tension clamp connection with LED	RS 16IO 1W I-L H Z	72 mm	**1311780000**
Note	The UL values only apply to the version with screw connection (UL recognised).		

Accessories

Note	

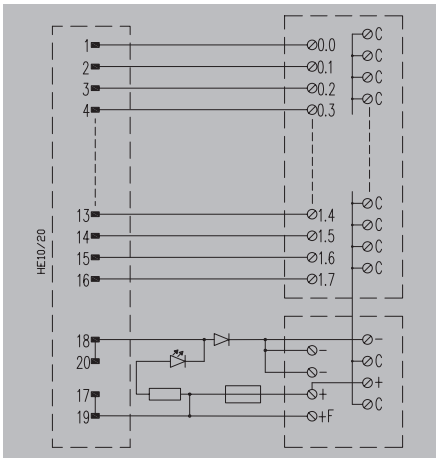
RS IO – Interface for 16 digital signals 2-wire H system

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



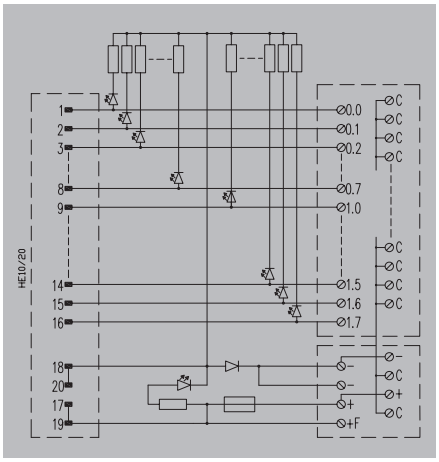
RS 16IO 2W H

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	Plug-in connector in acc. with IEC60603-13 / DIN41651	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug	20-pole plug
LED status display per channel	No	green
LED status of the supply voltage	yellow	yellow
Fuse per channel	No	No
Power supply fuse	3.15 A	3.15 A
Type of test point	No	No
Rated data	**CE**	**CE**
Operating voltage	25 V AC / 50 V DC	24 V DC ± 10%
Max. current per channel	1 A	1 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	2 A	2 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 50 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV

Dimensions	**Screw connection**	**Tension-clamp connection**	**Screw connection**	**Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	87 mm / 87 mm	87 mm / 87 mm	87 mm / 87 mm	87 mm / 87 mm
Note	The common C may carry up to 3 A if the external jumpers are not used		The common C may carry up to 3 A if the external jumpers are not used	

Ordering data

	Type	**Depth**	**Order No.**	**Type**	**Depth**	**Order No.**
Screw connection without LED	RS 16IO 2W H S	72 mm	**9445720000**			
Screw connection with LED				RS 16IO 2W L H S	72 mm	**9445730000**
Tension clamp connection without LED	RS 16IO 2W H Z	72 mm	**1311790000**			
Tension clamp connection with LED				RS 16IO 2W L H Z	72 mm	**1311800000**
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 2-wire H system

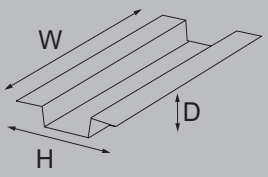
Digital input/output passive interface
- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

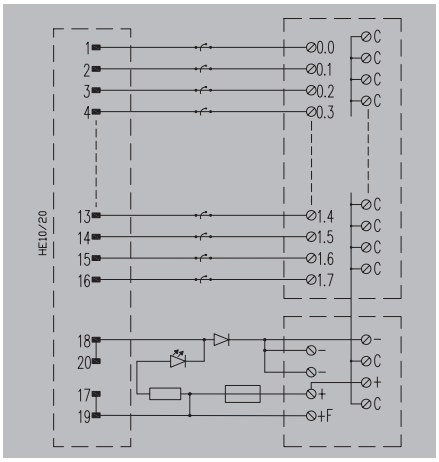
RS 16IO 2W I H

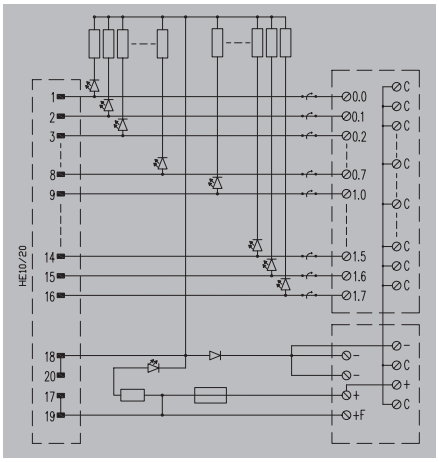
H system, 2 wires with disconnection per channel

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	Plug-in connector in acc. with IEC60603-13 / DIN41651	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug	20-pole plug
LED status display per channel	No	green
LED status of the supply voltage	yellow	yellow
Fuse per channel	No	No
Power supply fuse	3.15 A	3.15 A
Type of test point	No	No
Rated data	**CE**	**CE**
Operating voltage	25 V AC / 50 V DC	24 V DC ± 10%
Max. current per channel	1 A	1 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	2 A	2 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 50 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV

Dimensions	Screw connection	Tension-clamp connection	Screw connection	Tension-clamp connection
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	95 mm / 87 mm	95 mm / 87 mm	95 mm / 87 mm	95 mm / 87 mm
Note	The common C may carry up to 3 A if the external jumpers are not used		The common C may carry up to 3 A if the external jumpers are not used	

Ordering data

	Type	Depth	Order No.	Type	Depth	Order No.
Screw connection without LED	RS 16IO 2W I H S	72 mm	**1311810000**			
Screw connection with LED				RS 16IO 2W I-L H S	72 mm	**9445750000**
Tension clamp connection without LED	RS 16IO 2W I H Z	72 mm	**1311820000**			
Tension clamp connection with LED				RS 16IO 2W I-L H Z	72 mm	**1311830000**
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

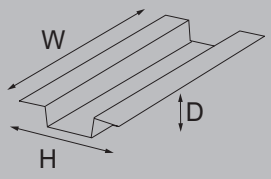
Note		

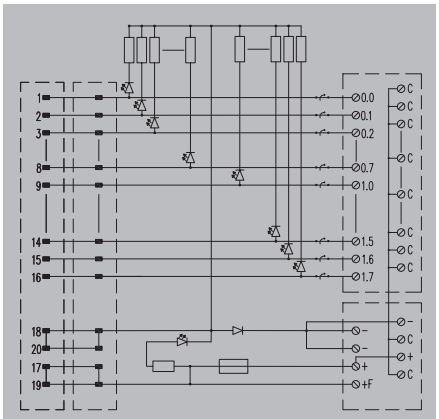
RS IO – Interface for 16 digital signals 2-wire H system

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-L 2H S

2 ribbon connectors for redundancy





Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
LED status display per channel	green
LED status of the supply voltage	yellow
Fuse per channel	No
Power supply fuse	3.15 A
Type of test point	No
Rated data	**CE**
Operating voltage	24 V DC ± 10%
Max. current per channel	1 A
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	2 A
General data	**CE**
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
Pulse voltage test (1,2/50µs)	0.8 kV
Dimensions	**Screw connection**
Clamping range, min./max.	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	91 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without LED			
Screw connection with LED	RS 16IO 2W I-L 2H S	79 mm	**1431700000**
Tension clamp connection without LED			
Tension clamp connection with LED			
Note	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

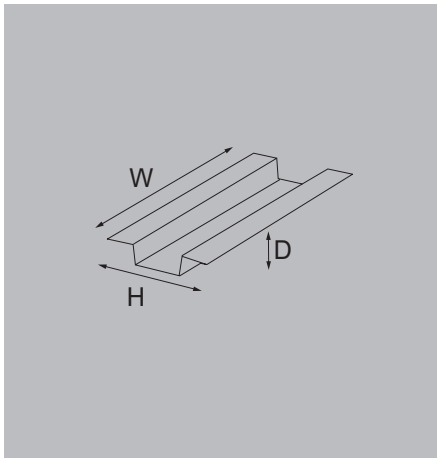
Digital input/output passive interface
- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

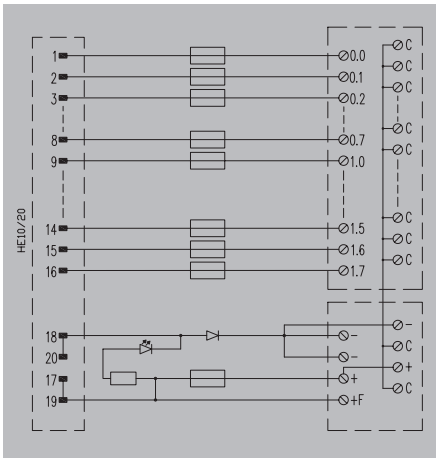
RS 16IO 2W F H

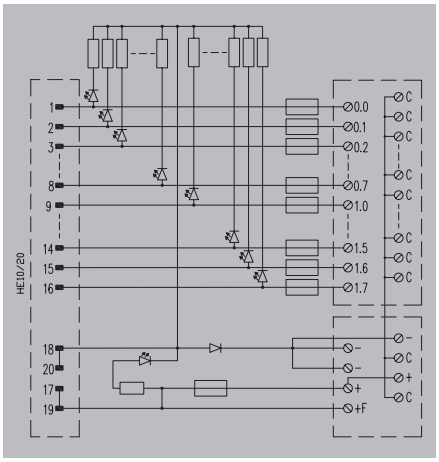
H system, 2 wires with fuse per channel

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	Plug-in connector in acc. with IEC60603-13 / DIN41651	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug	20-pole plug
LED status display per channel	No	green
LED status of the supply voltage	yellow	yellow
Fuse per channel	500 mA	500 mA
Power supply fuse	3.15 A	3.15 A
Type of test point	No	No
Rated data	**CE**	**CE**
Operating voltage	25 V AC / 50 V DC	24 V DC ± 10%
Max. current per channel	1 A	1 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	2 A	2 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 50 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV

Dimensions	**Screw connection**	**Tension-clamp connection**	**Screw connection**	**Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	122 mm / 87 mm	122 mm / 87 mm	122 mm / 87 mm	122 mm / 87 mm
Note	The common C may carry up to 3 A if the external jumpers are not used		The common C may carry up to 3 A if the external jumpers are not used	

Ordering data

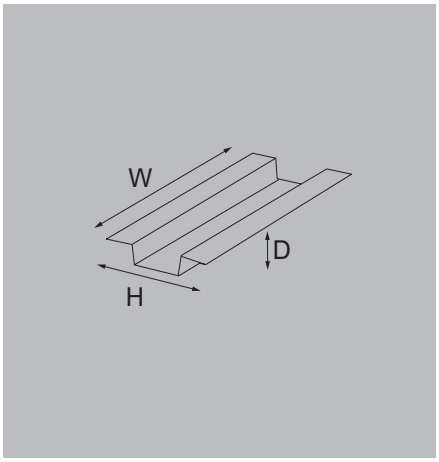
	Type	**Depth**	**Order No.**	**Type**	**Depth**	**Order No.**
Screw connection without LED	RS 16IO 2W F H S	72 mm	**9445820000**			
Screw connection with LED				RS 16IO 2W F-L H S	72 mm	**1311850000**
Tension clamp connection without LED	RS 16IO 2W F H Z	72 mm	**1311840000**			
Tension clamp connection with LED				RS 16IO 2W F-L H Z	72 mm	**1311870000**
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		

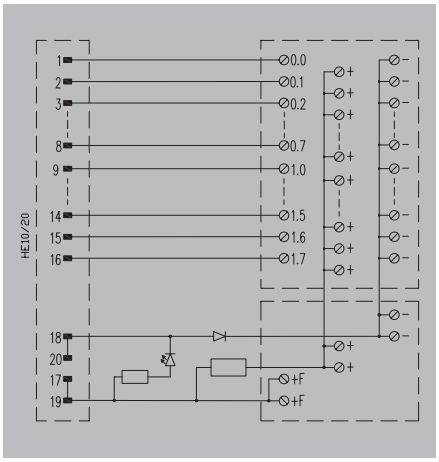
RS IO – Interface for 16 digital signals 3-wire H system

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



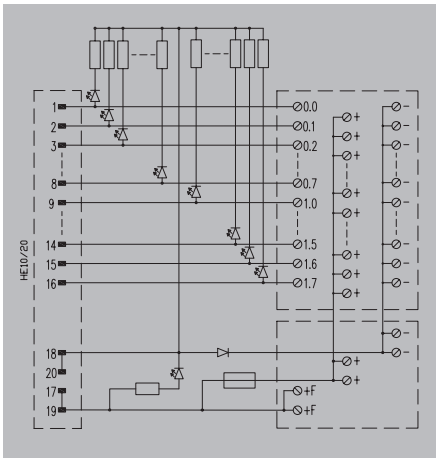
RS 16IO 3W H

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	Plug-in connector in acc. with IEC60603-13 / DIN41651	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug	20-pole plug
LED status display per channel	No	green
LED status of the supply voltage	yellow	yellow
Fuse per channel	No	No
Power supply fuse	3.15 A	3.15 A
Type of test point	No	No
Rated data	**CE**	**CE**
Operating voltage	25 V AC / 50 V DC	24 V DC ± 10%
Max. current per channel	1 A	1 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	2 A	2 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 50 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV

Dimensions	Screw connection	Tension-clamp connection	Screw connection	Tension-clamp connection
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	90 mm / 87 mm	90 mm / 87 mm	90 mm / 87 mm	90 mm / 87 mm
Note	The common C may carry up to 3 A if the external jumpers are not used		The common C may carry up to 3 A if the external jumpers are not used	

Ordering data

	Type	Depth	Order No.	Type	Depth	Order No.
Screw connection without LED	RS 16IO 3W H S	72 mm	**9445760000**			
Screw connection with LED				RS 16IO 3W L H S	72 mm	**9445770000**
Tension clamp connection without LED	RS 16IO 3W H Z	72 mm	**1311880000**			
Tension clamp connection with LED				RS 16IO 3W L H Z	72 mm	**1311890000**
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 1-wire R system

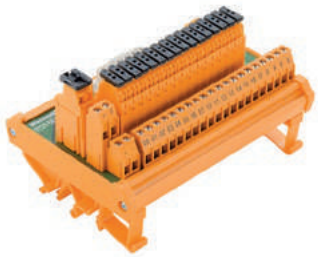
Digital input/output passive interface
- 1, 2 or 3 wires
- With LED indicator (optional)
- With fuse or disconnection per channel (optional)
- Fuse powered protection
- Screw or tension clamp connection

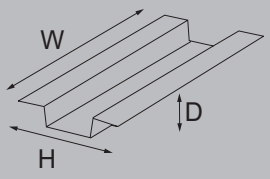
RS 16IO 1W R

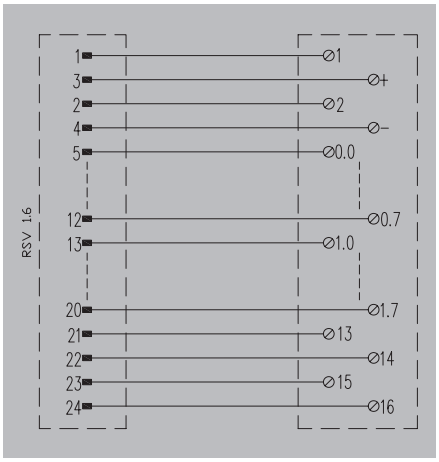
R system, 1 wire

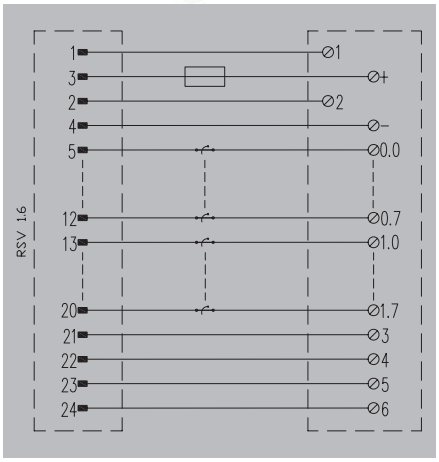
RS 16IO 1W I R

R system, 1 wire with disconnection per channel









Technical data

Connection data and functionality		
Connection on control side	Connector RSV 1.6	Connector RSV 1.6
Number of poles (control side)	24-pole female	24-pole female
LED status display per channel	No	No
LED status of the supply voltage	No	No
Fuse per channel	No	No
Power supply fuse	No	3.15 A
Type of test point	No	No
Rated data	**CE**	**CE**
Operating voltage	150 V UC	250 V UC
Max. current per channel	1 A	1 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	3 A	3 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 150 V AC	< 250 V AC
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	1.5 kV	2.1 kV
Dimensions	**Screw connection**	**Screw connection**
Clamping range, min./max.	0.2 mm² / 2.5 mm²	0.13 mm² / 6 mm²
Clamping range, min./max.	0.2 mm² / 2.5 mm²	0.13 mm² / 6 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	97 mm / 87 mm	127 mm / 87 mm
Note		

Ordering data

	Type	Depth	Order No.
Screw connection without LED	RS 16IO 1W R S	68 mm	**9441500000**
	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

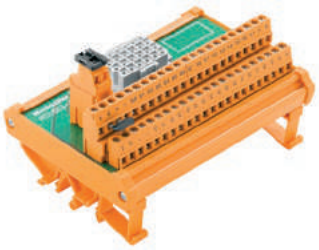
Note		

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

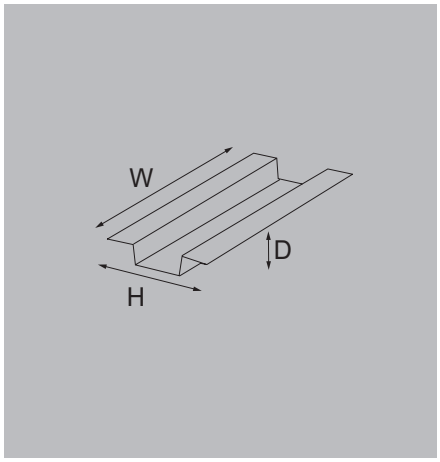
RS 16IO 2W R

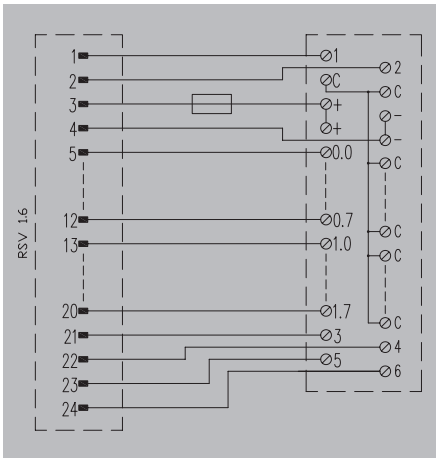
R system, 2 wires

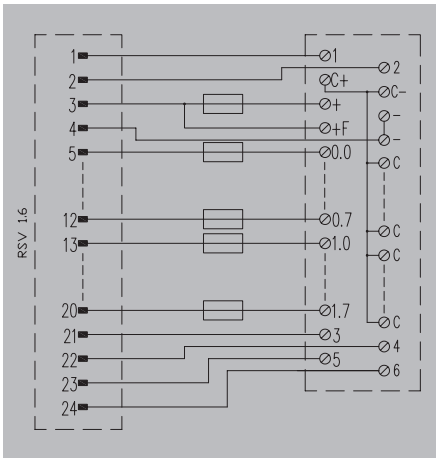


RS 16IO 2W F R

R system, 2 wires with fuse per channel







Technical data

Connection data and functionality		
Connection on control side	Connector RSV 1.6	Connector RSV 1.6
Number of poles (control side)	24-pole female	24-pole female
LED status display per channel	No	No
LED status of the supply voltage	No	No
Fuse per channel	No	1 A
Power supply fuse	3.15 A	3.15 A
Type of test point	No	No
Rated data	**CE**	**CE**
Operating voltage	150 V UC	150 V UC
Max. current per channel	1 A	1 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	3 A	3 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 150 V AC	< 150 V AC
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	1.5 kV	1.5 kV
Dimensions	**Screw connection**	**Screw connection**
Clamping range, min./max.	0.2 mm² / 2.5 mm²	0.2 mm² / 2.5 mm²
Clamping range, min./max.	0.2 mm² / 2.5 mm²	0.2 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	123 mm / 87 mm	123 mm / 109 mm
Note	The common C may carry up to 3 A if the external jumpers are not used	The common C may carry up to 3 A if the external jumpers are not used

Ordering data

	Type	Depth	Order No.
Screw connection without LED	RS 16IO 2W R S	72 mm	9441700000
Screw connection without LED	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

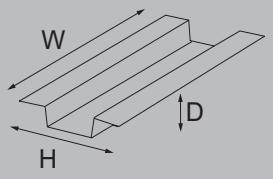
Note		

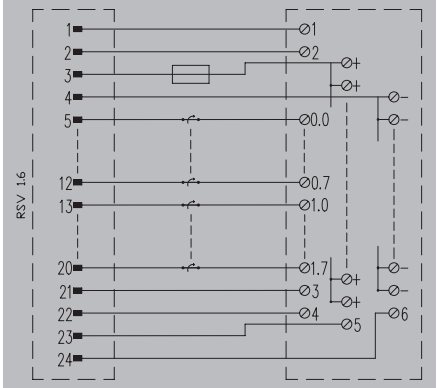
RS IO – Interface for 16 digital signals 3-wire R system

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	Connector RSV 1.6
Number of poles (control side)	24-pole female
LED status display per channel	No
LED status of the supply voltage	No
Fuse per channel	No
Power supply fuse	3.15 A
Type of test point	No
Rated data	**CE**
Operating voltage	150 V UC
Max. current per channel	1 A
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	3 A
General data	**CE**
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
Pulse voltage test (1,2/50µs)	1.5 kV
Dimensions	**Screw connection**
Clamping range, min./max.	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	116 mm / 109 mm
Note	The common C may carry up to 3 A if the external jumpers are not used

Ordering data

	Type	Depth	Order No.
Screw connection without LED	RS 16IO 3W I R S	84 mm	9441600000

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

Accessories

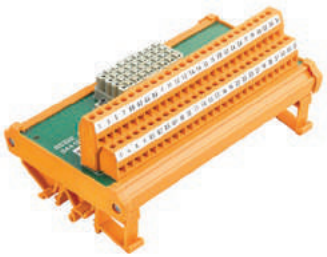
Note	

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

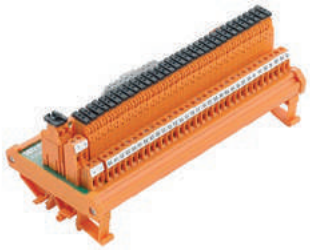
RS 32IO 1W R

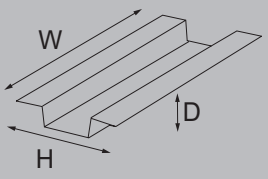
R system, 1 wire

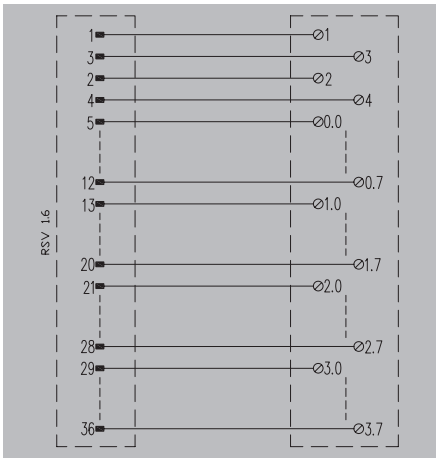


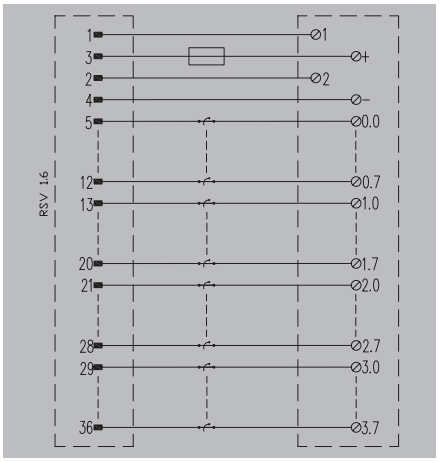
RS 32IO 1W I R

R system, 1 wire with disconnection per channel









Technical data

Connection data and functionality		
Connection on control side	Connector RSV 1.6	Connector RSV 1.6
Number of poles (control side)	36-pole female	36-pole female
LED status display per channel	No	No
LED status of the supply voltage	No	No
Fuse per channel	No	No
Power supply fuse	No	3.15 A
Type of test point	No	No
Rated data	**CE**	**CE**
Operating voltage	150 V UC	250 V UC
Max. current per channel	1 A	1 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	3 A	3 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 150 V AC	< 250 V AC
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	1.5 kV	2.1 kV
Dimensions	**Screw connection**	**Screw connection**
Clamping range, min./max.	0.2 mm² / 2.5 mm²	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	148 mm / 87 mm	188 mm / 87 mm
Note		

Ordering data

	Type	Depth	Order No.
Screw connection without LED	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

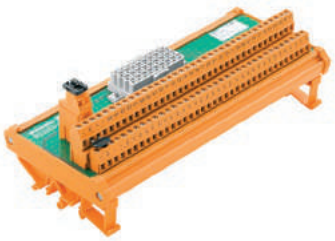
Note		

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

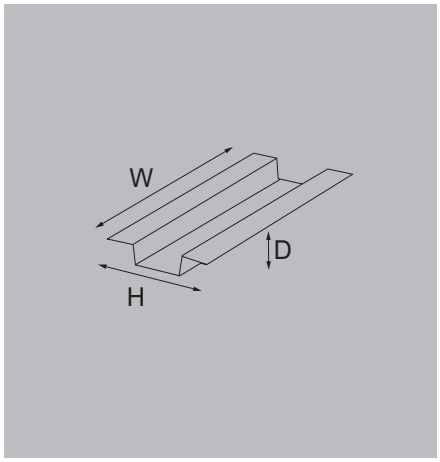
RS 32IO 2W R

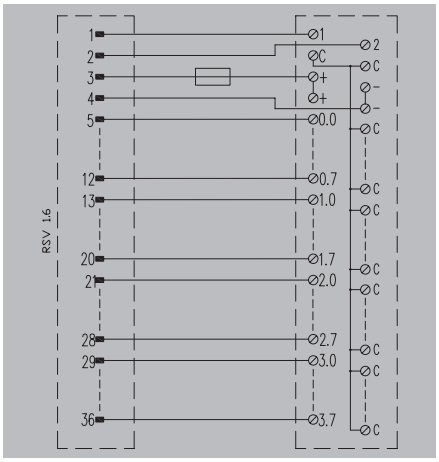
R system, 2 wires

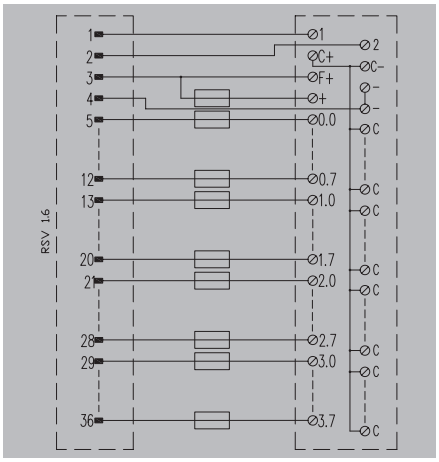


RS 32IO 2W F R

R system, 2 wires with fuse per channel







Technical data

Connection data and functionality		
Connection on control side	Connector RSV 1.6	Connector RSV 1.6
Number of poles (control side)	36-pole female	36-pole female
LED status display per channel	No	No
LED status of the supply voltage	No	No
Fuse per channel	No	2 A
Power supply fuse	3.15 A	3.15 A
Type of test point	No	No
Rated data	**CE**	**CE**
Operating voltage	150 V UC	150 V UC
Max. current per channel	1 A	1 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	3 A	3 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 150 V AC	< 150 V AC
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	1.5 kV	1.5 kV
Dimensions	**Screw connection**	**Screw connection**
Clamping range, min./max.	0.2 mm² / 2.5 mm²	0.13 mm² / 6 mm²
Clamping range, min./max.	0.2 mm² / 2.5 mm²	0.13 mm² / 6 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	200 mm / 87 mm	200 mm / 109 mm
Note	The common C may carry up to 3 A if the external jumpers are not used	The common C may carry up to 3 A if the external jumpers are not used

Ordering data

	Type	Depth	Order No.
Screw connection without LED	RS 32IO 2W R S	72 mm	9441710000
	RS 32IO 2W F R S	84 mm	9441570000

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 – 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	✓		✓			9448000000	RS 4AIO DP SD S	A.54
			✓	✓			1308230000	RS 4AIO DP SD Z	A.54
		✓		✓	✓	✓	9448100000	RS 4AIO I-M-DP SD S	A.54
			✓	✓	✓	✓	1308240000	RS 4AIO I-M-DP SD Z	A.54
8-channel	A2508	✓		✓			9448010000	RS 8AIO DP SD S	A.55
			✓	✓			1308250000	RS 8AIO DP SD Z	A.55
		✓		✓	✓	✓	9448110000	RS 8AIO I-M-DP SD S	A.55
			✓	✓	✓	✓	9449110000	RS 8AIO I-M-DP SD Z	A.55
8-channel P	A2508P	✓		✓	✓		9448030000	RS 8AI PREM/APR SD S	A.56
16-channel	A3716	✓		✓			9448020000	RS 16AIO DP SD S	A.57
			✓	✓			1308270000	RS 16AIO DP SD Z	A.57
		✓		✓	✓	✓	9448120000	RS 16AIO I-M-DP SD S	A.57
			✓	✓	✓	✓	1308280000	RS 16AIO I-M-DP SD Z	A.57

Note:

Coding of the interface descriptions

RS 4AIO: 4 inputs/outputs
8AIO: 8 inputs/outputs
8AI: 8 inputs
8AI1AO: 8 inputs/1 outputs
16AIO: 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

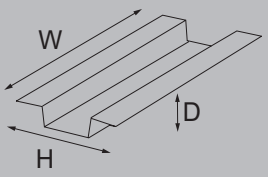
Analogue input/output passive interface:
- With test points or disconnection per channel (optional)
- Screw or tension clamp connection

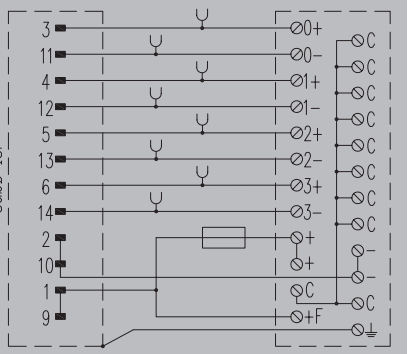
RS 4AIO DP SD

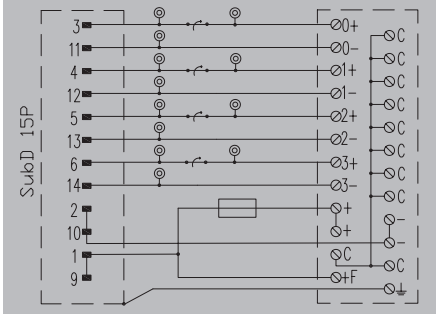
4 channels

RS 4AIO I-M-DP SD

4 channels, test points and disconnection per channel







Technical data

Connection data and functionality		
Connection on control side	D-sub connectors, acc. to IEC 60807 / DIN 41652	D-sub connectors, acc. to IEC 60807 / DIN 41652
Number of poles (control side)	15-pole plug	15-pole plug
LED status display per channel	No	No
LED status of the supply voltage	No	No
Power supply fuse	3.15 A	3.15 A
Type of test point	No	Diameter: 4 mm
Rated data	**CE**	**CE**
Operating voltage	≤ 25 V AC / 50 V DC	≤ 25 V AC / 50 V DC
Max. current per channel	0.5 A	0.5 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	3 A	3 A
General data		
Ambient temperature (operational)	-20...50 °C	-20...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 50 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV

Dimensions	Screw connection	Tension clamp conn.	Screw connection	Tension clamp conn.
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	75 mm / 87 mm	75 mm / 87 mm	73 mm / 109 mm	73 mm / 109 mm
Note	The common C may carry up to 3 A if the external jumpers are not used		The common C may carry up to 3 A if the external jumpers are not used	

Ordering data

	Type	Depth	Order No.
Screw connection	RS 4AIO DP SD S	72 mm	**9448000000**
Tension clamp connection	RS 4AIO DP SD Z	72 mm	**1308230000**

	Type	Depth	Order No.
Screw connection	RS 4AIO I-M-DP SD S	81 mm	**9448100000**
Tension clamp connection	RS 4AIO I-M-DP SD Z	81 mm	**1308240000**

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 analogue signals

Analogue input/output passive interface:

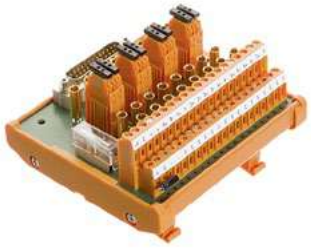
- With test points or disconnection per channel (optional)
- Screw or tension clamp connection

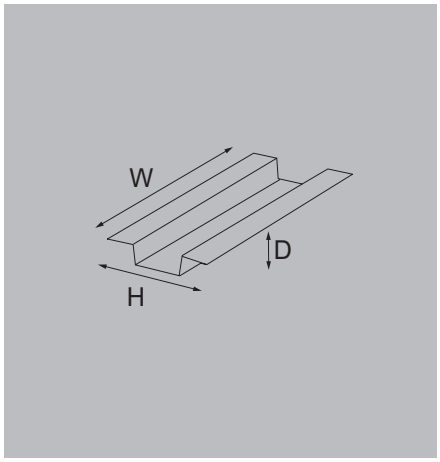
RS 8AIO DP SD

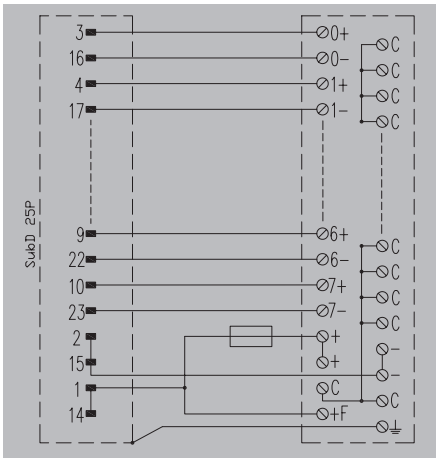
8 channels

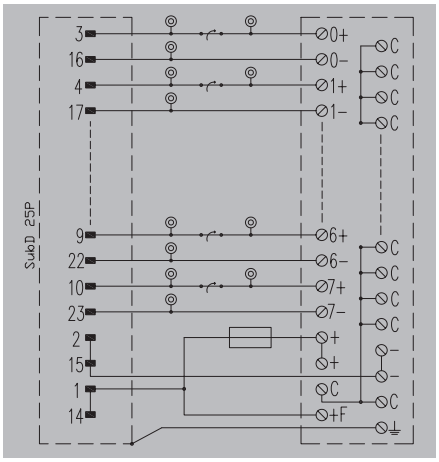
RS 8AIO I-M-DP SD

8 channels, test points and disconnection per channel









Technical data

Connection data and functionality		
Connection on control side	D-sub connectors, acc. to IEC 60807 / DIN 41652	D-sub connectors, acc. to IEC 60807 / DIN 41652
Number of poles (control side)	25-pole plug	25-pole plug
LED status display per channel	No	No
LED status of the supply voltage	No	No
Power supply fuse	3.15 A	3.15 A
Type of test point	No	Diameter: 4 mm
Rated data	**CE**	**CE**
Operating voltage	≤ 25 V AC / 50 V DC	≤ 25 V AC / 50 V DC
Max. current per channel	0.5 A	0.5 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	3 A	3 A
General data		
Ambient temperature (operational)	-20...50 °C	-20...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 50 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV

Dimensions	Screw connection	Tension-clamp connection	Screw connection	Tension-clamp connection
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	117 mm / 87 mm	117 mm / 87 mm	114 mm / 109 mm	114 mm / 109 mm
Note	The common C may carry up to 3 A if the external jumpers are not used		The common C may carry up to 3 A if the external jumpers are not used	

Ordering data

	Type	Depth	Order No.	Type	Depth	Order No.
Screw connection	RS 8AIO DP SD S	72 mm	**9448010000**	RS 8AIO I-M-DP SD S	81 mm	**9448110000**
Tension clamp connection	RS 8AIO DP SD Z	72 mm	**1308250000**	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

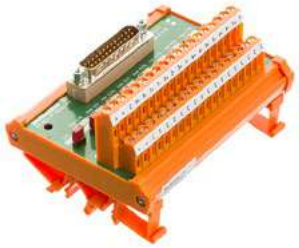
Note		

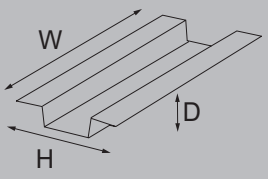
RS A – Interface for 8 and 9 analogue signals for Schneider Micro/Premium

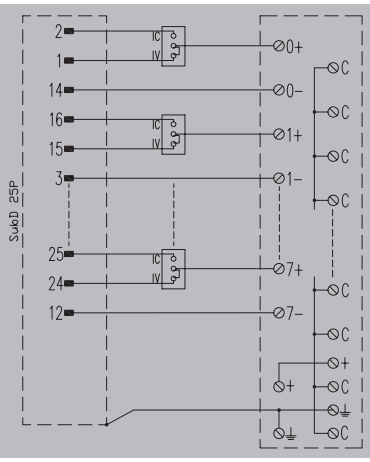
Analogue input/output passive interface:
- With test points or disconnection per channel (optional)
- Screw or tension clamp connection

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	D-sub connectors, acc. to IEC 60807 / DIN 41652
Number of poles (control side)	25-pole plug
LED status display per channel	No
LED status of the supply voltage	No
Power supply fuse	No
Type of test point	No
Rated data	**CE**
Operating voltage	≤ 25 V AC / 50 V DC
Max. current per channel	0.5 A
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	3 A
General data	
Ambient temperature (operational)	-20...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
Pulse voltage test (1,2/50µs)	0.8 kV

Dimensions	Screw connection
Clamping range, min./max.	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	116 mm / 87 mm
Note	The common C may carry up to 3 A if the external jumpers are not used

Ordering data

	Type	Depth	Order No.
Screw connection	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	

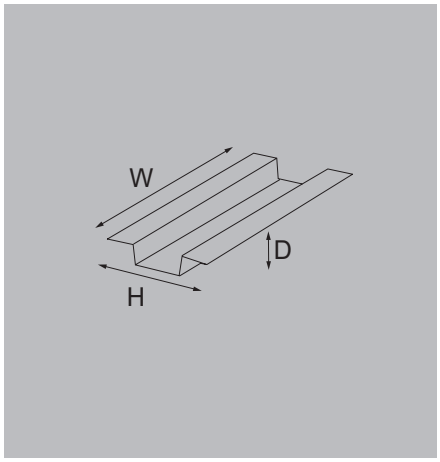
RS A – Interface for 16 analogue signals

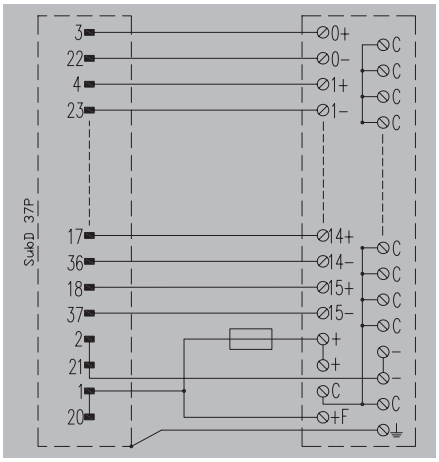
Analogue input/output passive interface:

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

RS 16AIO DP SD

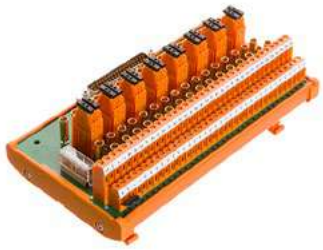
16 channels

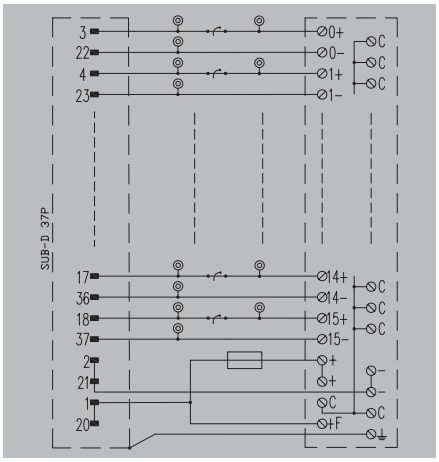




RS 16AIO I-M-DP SD

16 channels, test points and disconnection per channel





Technical data

Connection data and functionality		
Connection on control side	D-sub connectors, acc. to IEC 60807 / DIN 41652	D-sub connectors, acc. to IEC 60807 / DIN 41652
Number of poles (control side)	37-pole plug	37-pole plug
LED status display per channel	No	No
LED status of the supply voltage	No	No
Power supply fuse	3.15 A	3.15 A
Type of test point	No	Diameter: 4 mm
Rated data	**CE**	**CE**
Operating voltage	≤ 25 V AC / 50 V DC	≤ 25 V AC / 50 V DC
Max. current per channel	0.5 A	0.5 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
Operating current (supply)	3 A	3 A
General data		
Ambient temperature (operational)	-20...50 °C	-20...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 50 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV

Dimensions	**Screw connection**	**Tension-clamp connection**	**Screw connection**	**Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	205 mm / 87 mm	205 mm / 87 mm	197 mm / 109 mm	197 mm / 109 mm
Note	The common C may carry up to 3 A if the external jumpers are not used		The common C may carry up to 3 A if the external jumpers are not used	

Ordering data

	Type	**Depth**	**Order No.**	**Type**	**Depth**	**Order No.**
Screw connection	RS 16AIO DP SD S	81 mm	**9448020000**	RS 16AIO I-M-DP SD S	81 mm	**9448120000**
Tension clamp connection	RS 16AIO DP SD Z	72 mm	**1308270000**	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								

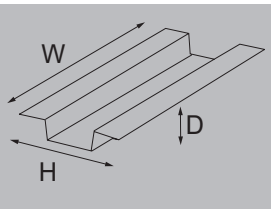
RSM – Isolated interfaces for 16 digital input signals

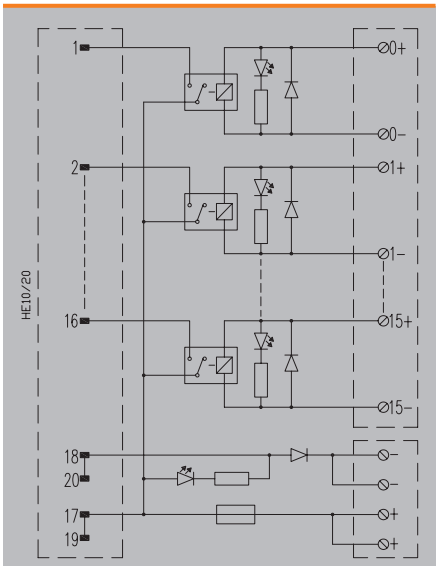
Relay digital input interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system:

- 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	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
Relay type	RSS
LED status display per relay	green
LED status of the supply voltage	yellow
Power supply fuse	2 A
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	13 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	2 A
Nominal output data	**CE**
Contact material	AgNi gold flashed
Operating voltage	24 V DC ± 10%
Max. DC continuous current	0.1 A
Minimum contact current	1 mA
Minimum contact voltage	1 V
Mechanical service life	5 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-20...50 °C
Storage temperature	-20...70 °C
Approvals	CE; EAC
Insulation coordination (EN50178)	
Rated input insulation voltage	≤ 50 V DC
Rated output insulation voltage	≤ 50 V DC
Overvoltage category input/output	III
Overvoltage category input/input	III
Pollution severity level	2
Pulse voltage test (1,2/50µs)	1.5 kV
Insulation test voltage	0.35 kVAC
Clearance input/output	≥ 6 mm

Dimensions	**Screw connection**	**Tension clamp conn.**
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	124 mm / 109 mm	124 mm / 109 mm
Note		

Ordering data

	Type	**Depth**	**Order No.**
Screw connection without switch	RSM-16DI 24VDC S	72 mm	**1312000000**
Tension clamp connection without switch	RSM-16DI 24VDC Z	72 mm	**1312010000**

Note

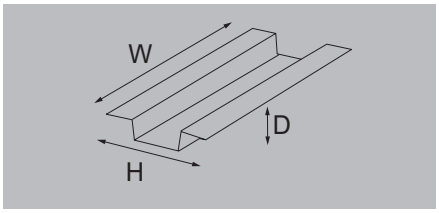
Accessories

Note	
	Relay 4061590000 RSS 24 V DC 1CO AU

RSM – Isolated interfaces for 16 digital input signals

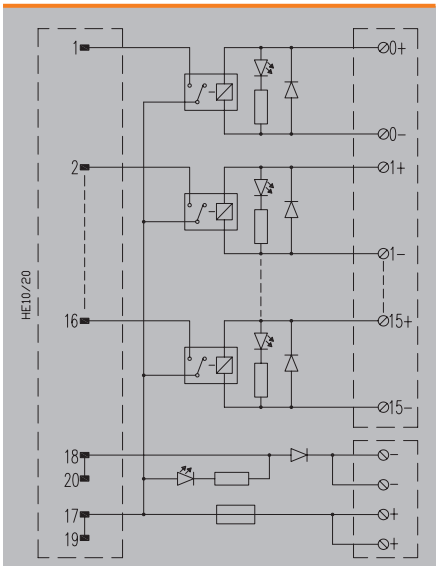
Relay digital input interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system:

- 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	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
Relay type	RSS
LED status display per relay	green
LED status of the supply voltage	yellow
Power supply fuse	2 A
Nominal input data	**CE**
Input voltage	48 V DC ± 10%
Input current	10 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	2 A
Nominal output data	**CE**
Contact material	AgNi gold flashed
Operating voltage	24 V DC ± 10%
Max. DC continuous current	0.1 A
Minimum contact current	2 mA
Minimum contact voltage	5 V
Mechanical service life	10 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-20...50 °C
Storage temperature	-20...70 °C
Approvals	CE; EAC
Insulation coordination (EN50178)	
Rated input insulation voltage	≤ 50 V DC
Rated output insulation voltage	≤ 50 V DC
Overvoltage category input/output	III
Overvoltage category input/input	III
Pollution severity level	2
Pulse voltage test (1,2/50µs)	1.5 kV
Insulation test voltage	0.35 kVAC
Clearance input/output	≥ 6 mm

Dimensions	Screw connection
Clamping range, min./max.	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	124 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-16DI 48VDC S	72 mm	**1312020000**
Tension clamp connection without switch			

Note

Accessories

Note	
	Relay 1313530000 48 V 1 CO AU

RSM – Selection guide for insulated interfaces for digital output signals

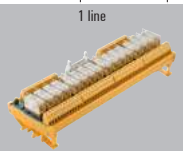
Type of Interface		Features								Interfaces		
Number of channels	Family	Design	Connection: Screw	Connection: Tension clamp/ PUSH IN	Voltage	Type of contact	Fuse	Switch (coil)	Switch (contact)	Order No.	Type	Page
8-channel	02008	>C<	✓		24 V DC	1CO				1456540000	RSMS-8H 24V+ 1CO S	A.63
		>C<		✓	24 V 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<

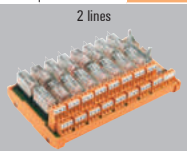
Relays with 6 mm relay

1 line



RCL Relays arranged in 1 single line

2 lines



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

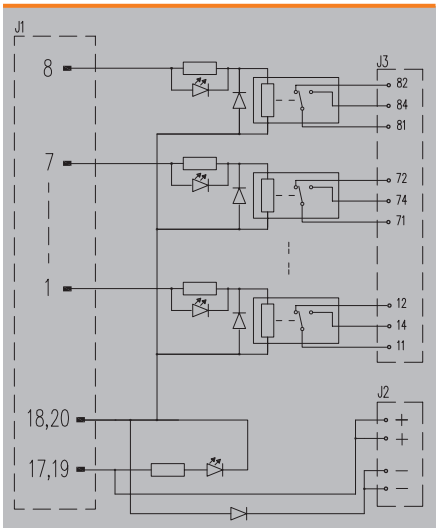
RSM – Isolated interfaces for 8 digital output signals

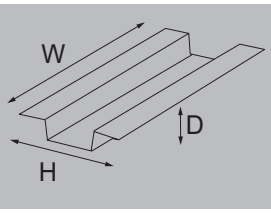
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- 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	Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm
Number of poles (control side)	20-pole plug
Relay type	RSS
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	7.1 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	4.5 A
Minimum contact current	100 mA
Minimum contact voltage	5 V
Mechanical service life	5 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **Tension clamp conn.**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	61 mm / 109 mm / 72 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSMS-8H 24V+ 1CO S	85 mm	1456540000
Screw connection with switch			
Tension clamp connection without switch	RSMS-8H 24V+ 1CO Z	61 mm	1456570000

Note

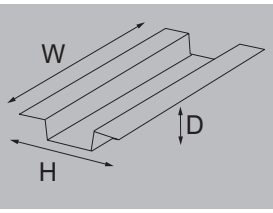
Accessories

Note	
	Relay 4060120000 RSS 24 V DC 1 CO

RSM – Isolated interfaces for 8 digital output signals

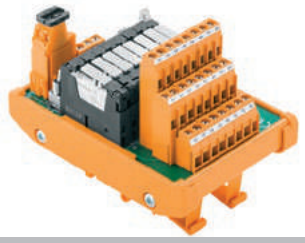
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

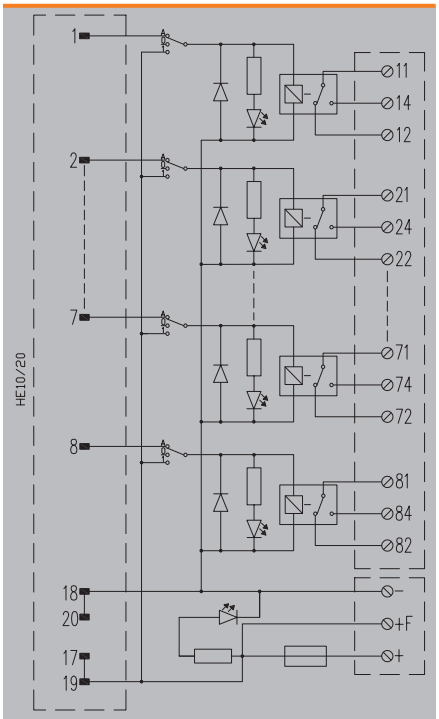
- Input/output reinforced insulation (basic between contacts)
- Positive switching



RSM-8 PLC C 1CO

6 mm relay with 1 CO contact and switch





Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
Relay type	RSS
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	2.5 A
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	13 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	2 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	2.5 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	5 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection**
Clamping range, min./max.	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	75 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch			
Screw connection with switch	RSM-8 PLC C SW 1CO S	85 mm	**1128990000**
Tension clamp connection without switch			

Note	

Accessories

Note	Relay 4060120000 RSS 24 V DC 1CO

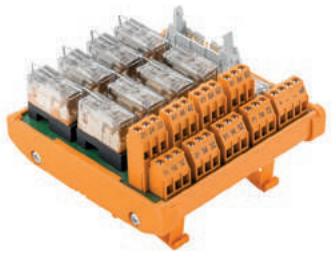
RSM – Isolated interfaces for 8 digital output signals

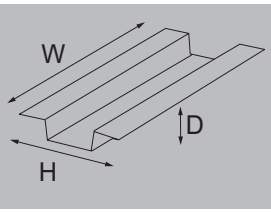
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

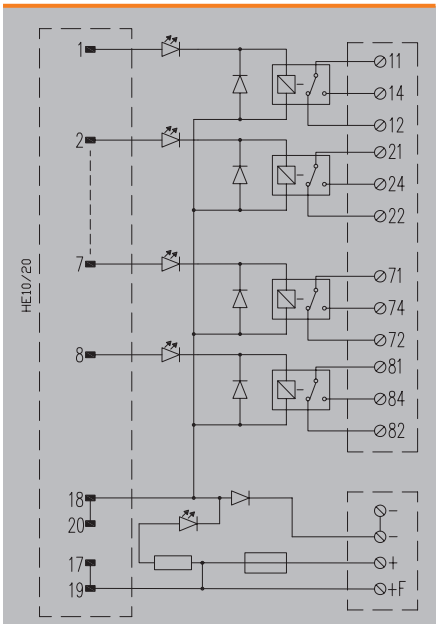
- Input/output reinforced insulation (basic between contacts)
- Positive switching

RSM-8 C 1C

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







Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	3.15 A
Nominal input data	**CE**
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	**CE**
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	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	110 mm / 109 mm / 110 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-8 C 1CO S	68 mm	9445000000
Tension clamp connection without switch	RSM-8 C 1CO Z	68 mm	9447000000

Note

Accessories

Note	
	Relay 8693260000 RCL314024 24 V DC 1CO

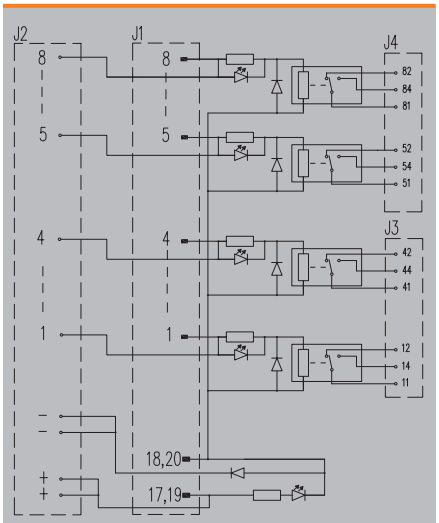
RSM – Interface
for 8 isolated digital output signals

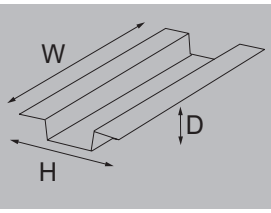
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- 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	LL 5.08 mm, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20 p	
Number of poles (control side)	20-pole plug	
Relay type	RCL	
LED status display per relay	green	
LED status of the supply voltage	yellow	
Fuse per relay	No	
Power supply fuse	No	
Nominal input data	**CE**	
Input voltage	24 V DC ± 10%	
Input current	16.7 mA	
Operating voltage (supply)	24 V DC ± 10%	
Operating current (supply)	1 A	
Nominal output data	**CE**	
Contact material	AgNi 90/10	
Operating voltage	250 V AC	
Max. AC continuous current	6 A	
Minimum contact current	0.1 A	
Minimum contact voltage	5 V	
Mechanical service life	3 x 10^7 switching cycles	
General data	**CE**	
Ambient temperature (operational)	-25...50 °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	**Screw connection**	**PUSH IN connection**
Clamping range, min./max.	0.5 mm² / 6 mm²	0.12 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.12 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	130 mm / 87 mm	130 mm / 87 mm
Note		

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-8H 24V+ 1CO S	62 mm	**1464780000**
PUSH IN connection without switch	RSM-8H 24V+ 1CO Z	62 mm	**1464790000**

Note

Accessories

Note	
	Relay 8693260000 RCL314024 24 V DC 1 CO

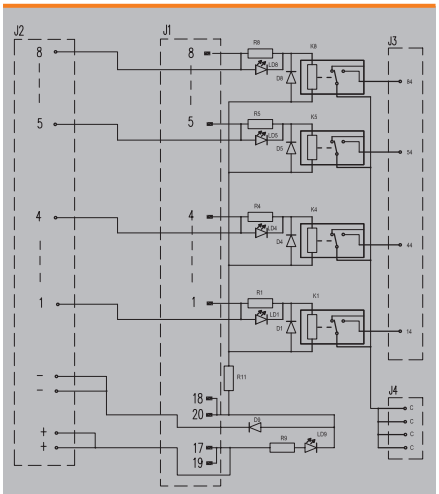
RSM – Interface
for 8 isolated digital output signals

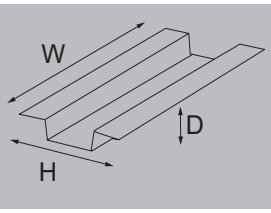
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- 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	LL 5.08 mm, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20 p
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	16.7 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	6 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	3 x 10^7 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **PUSH IN connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	130 mm / 87 mm / 130 mm / 87 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-8 24VDC 1NO + C S	62 mm	1457390000
PUSH IN connection without switch	RSM-8 24VDC 1NO + C Z	62 mm	1457400000

Note

Accessories

Note	
	Relay 8693260000 RCL314024 24 V DC 1 CO

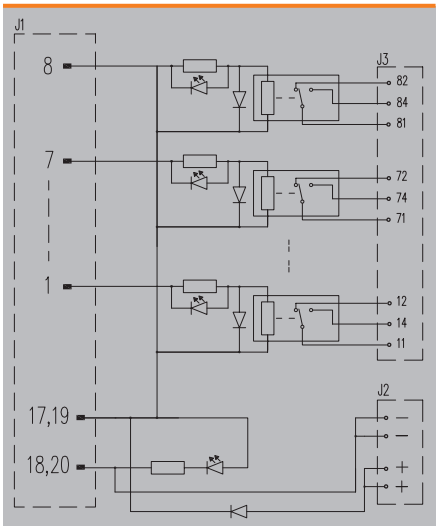
RSM – Interface
for 8 isolated digital output signals

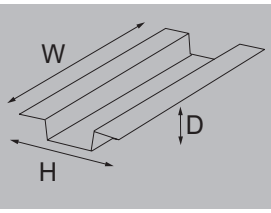
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- 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	Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm
Number of poles (control side)	20-pole plug
Relay type	RSS
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	7.1 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	4.5 A
Minimum contact current	100 mA
Minimum contact voltage	5 V
Mechanical service life	5 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	61 mm / 109 mm / 61 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSMS-8H 24V- 1CO S	85 mm	**1456550000**
Tension clamp connection without switch	RSMS-8H 24V- 1CO Z	76 mm	**1456580000**

Note

Accessories

Note	Relay 4060120000 RSS V DC 1CO

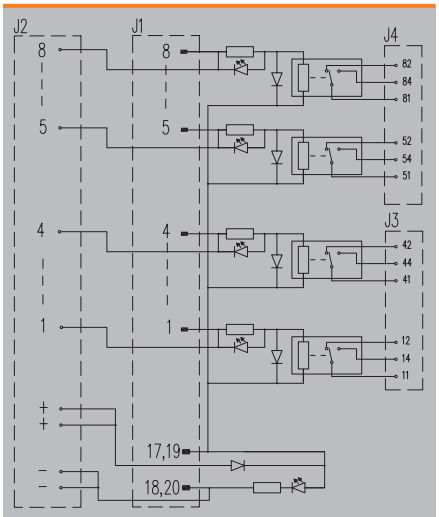
RSM – Interface
for 8 isolated digital output signals

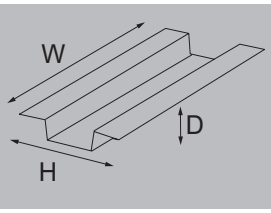
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- 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	LL 5.08 mm, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20 p
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	16.7 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	6 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	3 x 10^7 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **PUSH IN connection**
Clamping range, min./max.	0.5 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	130 mm / 87 mm / 130 mm / 87 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-8H 24V- 1CO S	62 mm	**1464800000**
PUSH IN connection without switch	RSM-8H 24V- 1CO Z	62 mm	**1464810000**

Note

Accessories

Note	Relay 8693260000 RCL314024 24 V DC 1 CO

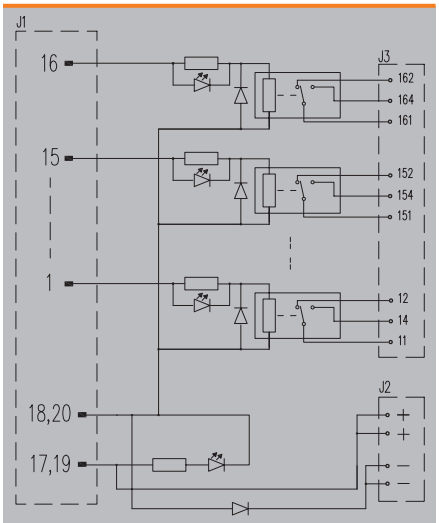
RSM – Isolated interfaces for 16 digital output signals

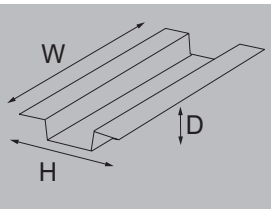
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

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

RSMS-16H 24V+ 1CO

6 mm relay with 1 CO contact and without switch





Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm
Number of poles (control side)	20-pole plug
Relay type	RSS
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	7.1 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	4.5 A
Minimum contact current	100 mA
Minimum contact voltage	5 V
Mechanical service life	5 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.5 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	112 mm / 109 mm / 112 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSMS-16H 24V+ 1CO S	85 mm	**1457300000**
Screw connection with switch			
Tension clamp connection without switch	RSMS-16H 24V+ 1CO Z	76 mm	**1457320000**
Tension clamp connection with switch			
Note			

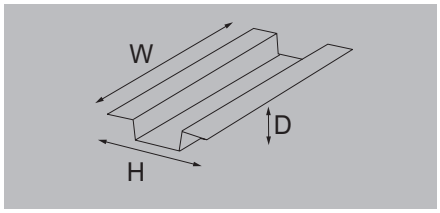
Accessories

Note	
	Relay 4060120000 RSS 24 V DC 1 CO

RSM – Isolated interfaces for 16 digital output signals

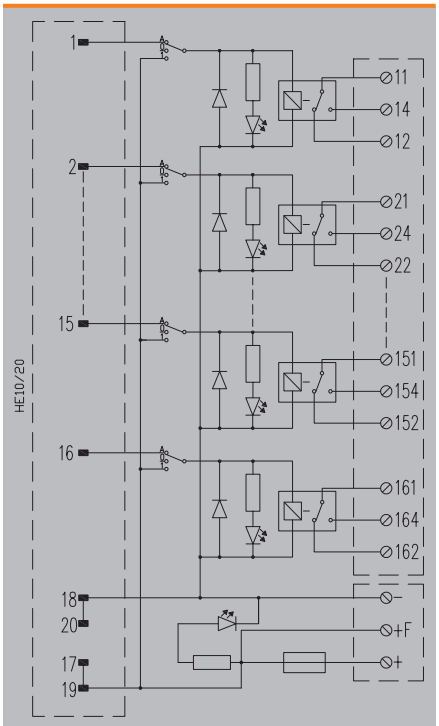
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

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



RSM-16 PLC C 1CO

6 mm relay with 1 CO contact and switch



Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
Relay type	RSS
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	2.5 A
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	13 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	2 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	2.5 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	5 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	111 mm / 109 mm / 111 mm / 109 mm
Note	

Ordering data

	Type	**Depth**	**Order No.**
Screw connection without switch			
Screw connection with switch	RSM-16 PLC C SW 1CO S	85 mm	**1129030000**
Tension clamp connection without switch			
Tension clamp connection with switch	RSM-16 PLC C SW 1CO Z	80 mm	**1129040000**
Note			

Accessories

Note	Relay 4060120000 RSS 24 V DC 1CO

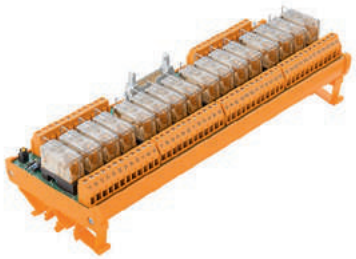
RSM – Interface for 16 isolated digital output signals

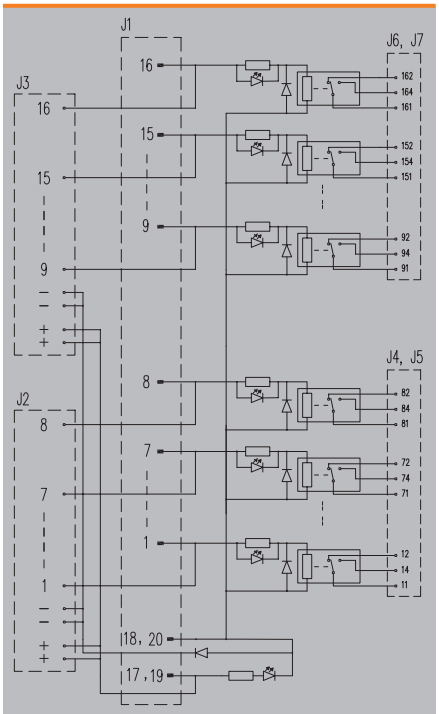
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

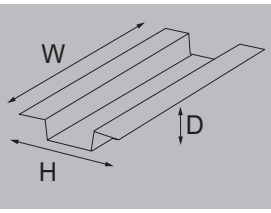
- Input/output reinforced insulation (basic between contacts)
- Positive switching

RSM-16 24V+ 1CO

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







Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	16.7 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	6 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	30 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **PUSH IN connection**
Clamping range, min./max.	0.5 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	259 mm / 87 mm / 259 mm / 87 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-16 24V+ 1CO S	66 mm	1448280000
PUSH IN connection without switch	RSM-16 24V+ 1CO Z	66 mm	1448300000

Note

Accessories

Note	
	Relay 8693260000 RCL314024 24 V DC 1CO

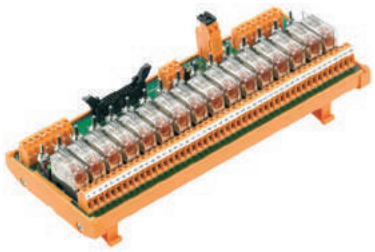
RSM – Interface
for 16 isolated digital output signals

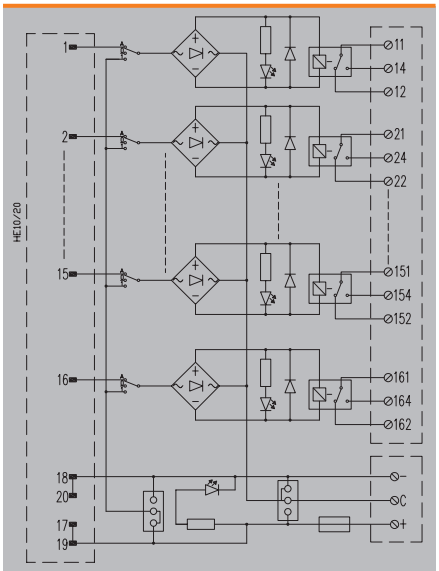
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

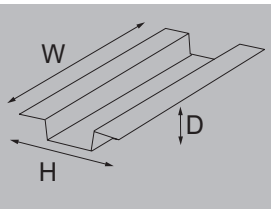
- Input/output reinforced insulation (basic between contacts)
- Positive switching

RSM-16 PLC 1CO

6 mm relay with 1 CO contact and switch







Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	2.5 A
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	22 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	2 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	6 A
Minimum contact current	0.01 A
Minimum contact voltage	10 V
Mechanical service life	3 x 10^7 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32
Width / Height	255 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection with switch	RSM-16 PLC SW 1CO S	68 mm	1129120000
Tension clamp connection with switch	RSM-16 PLC SW 1CO Z	68 mm	1129130000

Note

Accessories

Note	
	Relay 8693260000 RCL314024 24 V DC 1CO

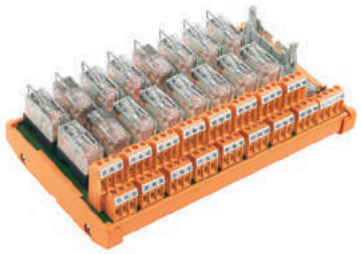
RSM – Interface for 16 isolated digital output signals

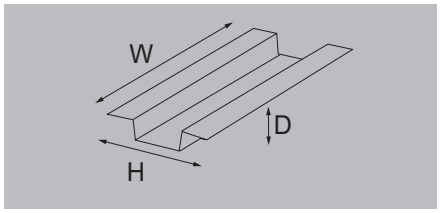
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

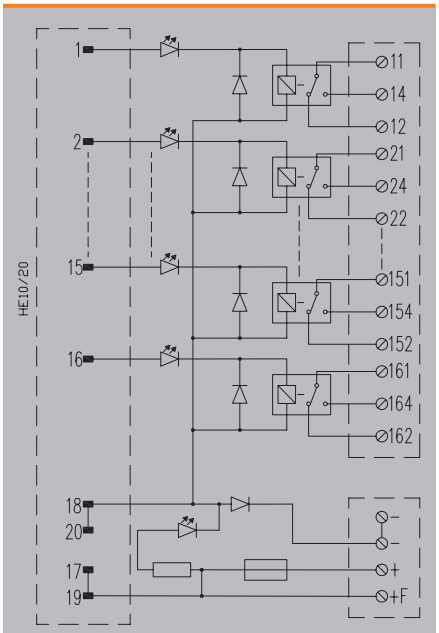
- Input/output reinforced insulation (basic between contacts)
- Positive switching

RSM-16 C 1CO

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







Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	3.15 A
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	**Screw connection**
Clamping range, min./max.	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	185 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-16 C 1CO S	68 mm	**9445100000**
Tension clamp connection without switch	RSM-16 C 1CO Z	68 mm	**9447100000**

Note

Accessories

Note	
	Relay 8693260000 RCL314024 24 V DC 1CO

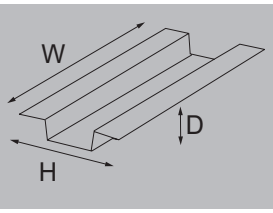
RSM – Interface
for 16 isolated digital output signals

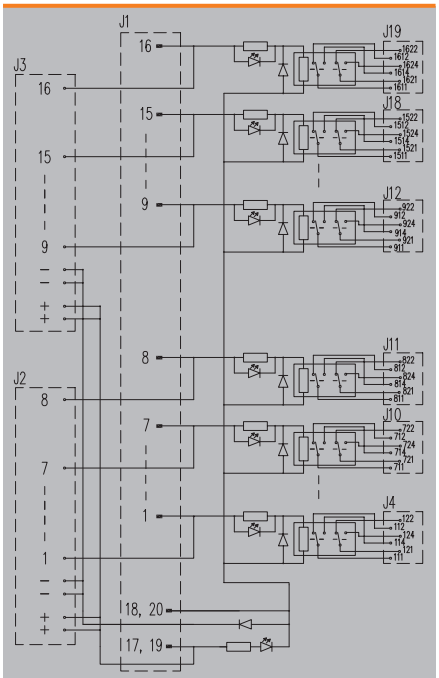
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- 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	Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	16.7 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	5 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	30 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	III
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	**Screw connection**
Clamping range, min./max.	0.5 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	290 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-16 24V+ 2CO S	71 mm	1449210000
Tension clamp connection without switch	RSM-16 24V+ 2CO Z	66 mm	1449230000

Note

Accessories

Note	Relay 4058570000 RCL424024 24 V DC 2 CO

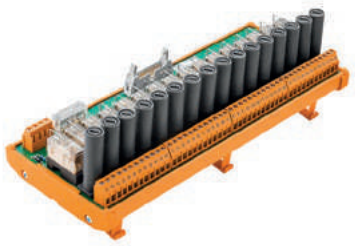
RSM – Interface for 16 isolated digital output signals

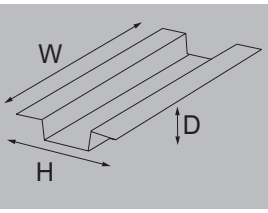
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

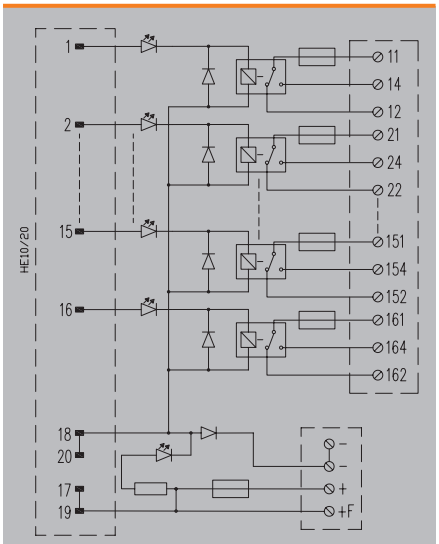
- Input/output reinforced insulation (basic between contacts)
- Positive switching

RSM-16 FUS 1CO

RCL relays, 1 CO contact with fuse relay contact







Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	5 A
Power supply fuse	3.15 A
Nominal input data	**CE**
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	**CE**
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	**CE**
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	**Screw connection**
Clamping range, min./max.	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	261 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-16 FUS 1CO S	75 mm	9445120000
Tension clamp connection without switch	RSM-16 FUS 1CO Z	75 mm	9447120000

Note

Accessories

Note	Relay 8693260000 RCL314024 24 V DC 1CO

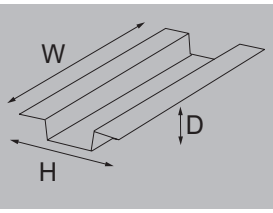
RSM – Interface for 16 isolated digital output signals

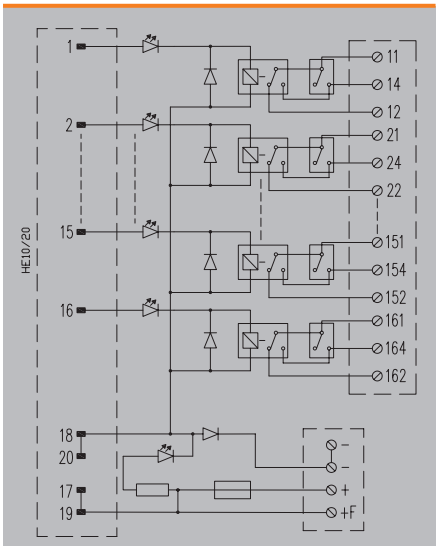
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

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

RSM-16 FOR 1CO

RCL relays, 1 CO contact and switch





Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	3.15 A
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	17 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	2 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	2 A
Minimum contact current	0.01 A
Minimum contact voltage	10 V
Mechanical service life	3 x 10^7 switching cycles
General data	**CE**
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	**Screw connection**
Clamping range, min./max.	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	263 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-16 FOR 1CO S	75 mm	**9445140000**
Tension clamp connection without switch			

Note

Accessories

Note	Relay 8693260000 RCL314024 24 V DC 1CO

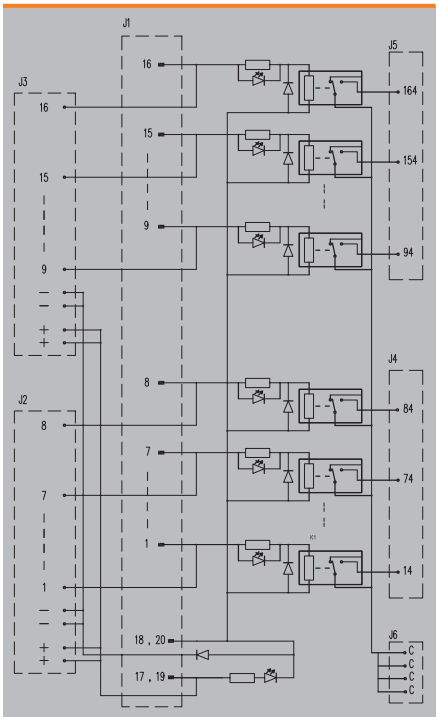
RSM – Interface for 16 isolated digital output signals

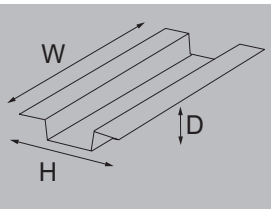
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

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

RSM-16 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	LL 5.08 mm, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20 p
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	16.7 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	6 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	3 x 10^7 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **PUSH IN connection**
Clamping range, min./max.	0.5 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	250 mm / 87 mm / 250 mm / 87 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-16 24VDC 1NO + C S	62 mm	1448450000
PUSH IN connection without switch	RSM-16 24VDC 1NO + C Z	62 mm	1448470000

Note

Accessories

Note	
	Relay 8693260000 RCL314024 24 V DC 1CO

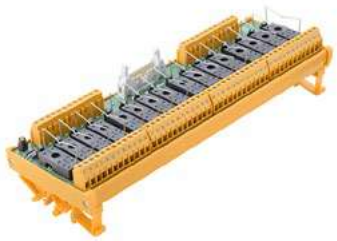
RSM – Interface
for 16 isolated digital output signals

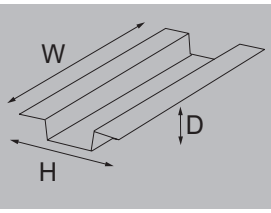
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

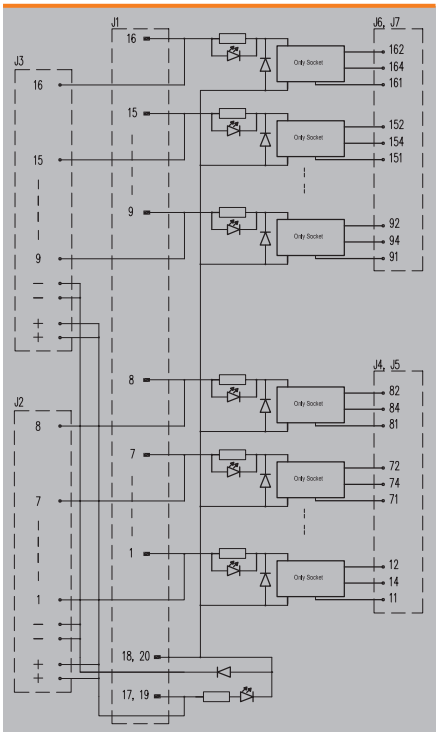
- Input/output reinforced insulation (basic between contacts)
- Positive switching

RSM-16 24 V+ BASE

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







Technical data

Connection data and functionality	
Connection on control side	LL 5.08 mm, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20 p
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	6 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	3 x 10^7 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **PUSH IN connection**
Clamping range, min./max.	0.5 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	259 mm / 87 mm / 259 mm / 87 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-16 24V+ BASE S	51 mm	1448480000
PUSH IN connection without switch	RSM-16 24V+ BASE Z	51 mm	1448490000

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

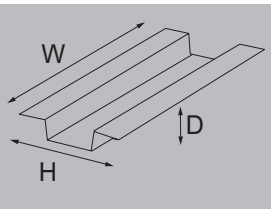
RSM – Interface for 16 isolated digital output signals

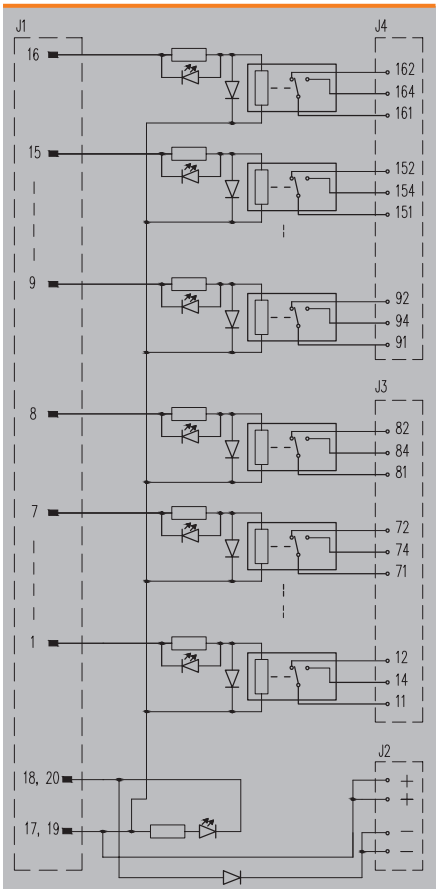
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- 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	Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm
Number of poles (control side)	20-pole plug
Relay type	RSS
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	7.1 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	4.5 A
Minimum contact current	100 mA
Minimum contact voltage	5 V
Mechanical service life	5 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	112 mm / 109 mm / 112 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSMS-16H 24V- 1CO S	85 mm	1457310000
Tension clamp connection without switch	RSMS-16H 24V- 1CO Z	76 mm	1457330000

Note

Accessories

Note	
	Relay 4060120000 RSS 24 V DC 1 CO

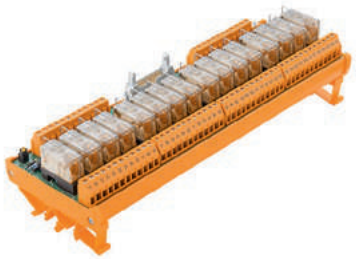
RSM – Interface
for 16 isolated digital output signals

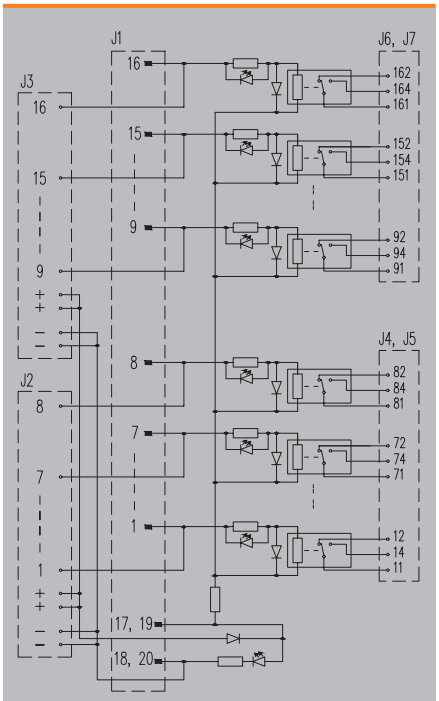
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

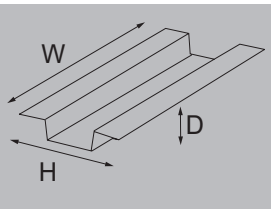
- Input/output reinforced insulation (basic between contacts)
- Negative switching

RSM-16 24V- 1CO

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







Technical data

Connection data and functionality	
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	16.7 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	6 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	30 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	**Screw connection** / **PUSH IN connection**
Clamping range, min./max.	0.5 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.12 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	259 mm / 87 mm / 259 mm / 87 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-16 24V- 1CO S	66 mm	1448290000
PUSH IN connection without switch	RSM-16 24V- 1CO Z	66 mm	1448310000

Note

Accessories

Note	Relay 8693260000 RCL314024 24 V DC 1CO

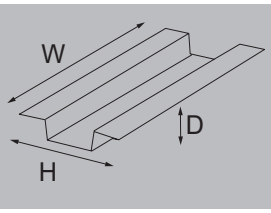
RSM – Interface
for 16 isolated digital output signals

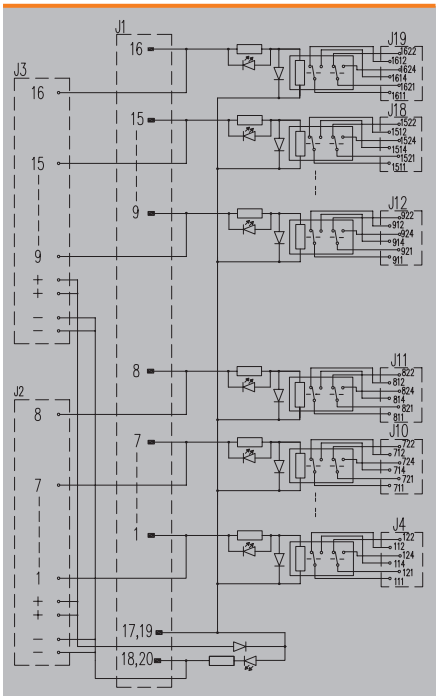
Digital output relay interface for transmitting electrical signals between the PLC and the field via pre-wired cables of Weidmüller's universal system.

- Input/output reinforced insulation (basic between contacts)
- Negative 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	Plug-in connector in acc. with IEC60603-13 / DIN41651, LL 5.08 mm
Number of poles (control side)	20-pole plug
Relay type	RCL
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	No
Nominal input data	**CE**
Input voltage	24 V DC ± 10%
Input current	16.7 mA
Operating voltage (supply)	24 V DC ± 10%
Operating current (supply)	1 A
Nominal output data	**CE**
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	5 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	30 x 10^6 switching cycles
General data	**CE**
Ambient temperature (operational)	-25...50 °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	III
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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.5 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	290 mm / 109 mm / 290 mm / 109 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection without switch	RSM-16 24V- 2CO S	71 mm	**1449220000**
Tension clamp connection without switch	RSM-16 24V- 2CO Z	66 mm	**1449250000**

Note

Accessories

Note	
	Relay 4058570000 RCL424024 24 V DC 2 CO

Dedicated solution for Honeywell C300

Field Terminal Assembly (FTA)

New interfaces for the Honeywell Experion PKS C300 controller

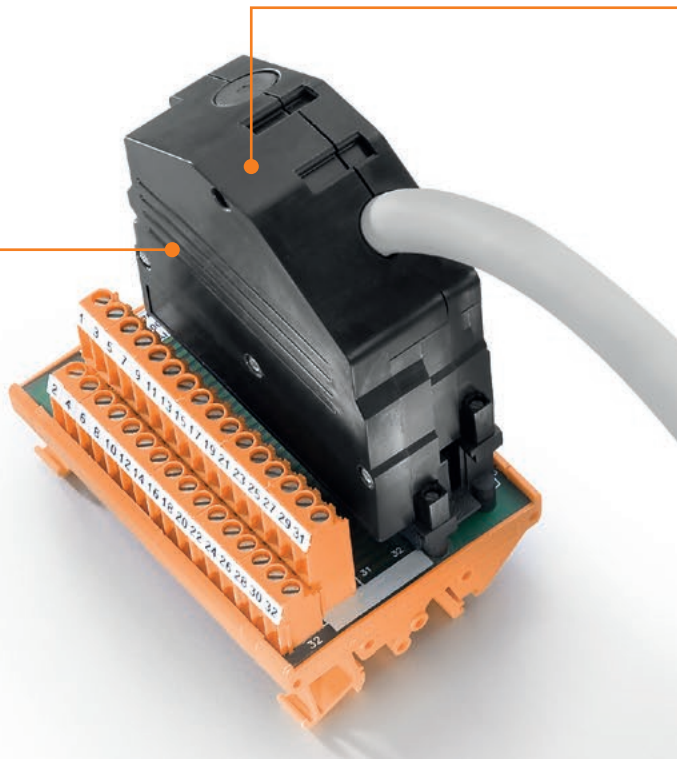
Weidmüller's new interfaces and pre-assembled cables allow you to wire up I/O cards from Honeywell's C300 controller quickly and simply in the field.

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 Weidmuller's FTAs. In comparison to traditional wire-to-wire cabling, the new Weidmuller FTAs and pre-cabling solution offer a highly efficient method of wiring between I/O modules and the field.

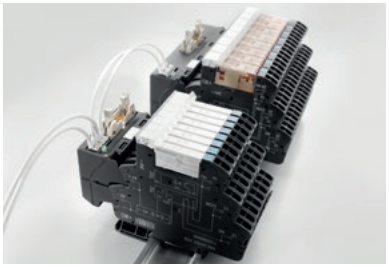
Concise wiring in the electrical cabinet is possible because multicore cables are used instead of individual wires. The cable harness can be delivered with double or single connectors and even with unterminated ends.

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.

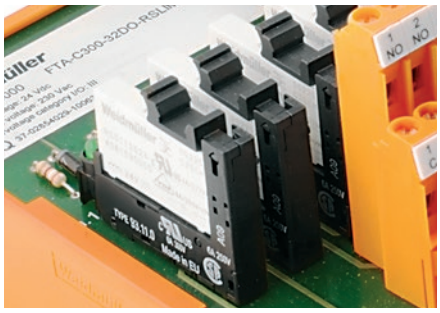
Minimised wiring effort
Pluggable connectors and cables minimise the on site wiring effort.



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



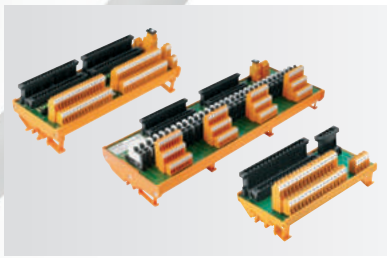
High current switching capability
The isolated digital output FTAs provide a high current switching capacity in a compact design.



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											
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	Order No.	Type	Page
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-C300-32DI-LD-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-C300-32DI-LD-Z	B.6
				16					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
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
				16					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
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		1	1246920000	FTA-C300-32DO-FUSE-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
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	1222980000	FTA-C300-16AO-SH-S	B.9
							⟷		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
							ø		No		1	2000020000	FTA-C300-16AO-TP-Z	B.10
									No		1	1223010000	FTA-C300-16AO-SH-P	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
	CC-TAID01 CC-TAID11	C300-32B-320B + C300-16B-160B (Premium) or PAC-C300-3232 + PAC-C300-1616 (Basic) page B.13 + B.17	1	16					No		1	1415220000	FTA-C300-16DAI-SH-S	B.10
									No		1	1415230000	FTA-C300-16DAI-SH-Z	B.10
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
							ø		No		2	2000020000	FTA-C300-16AO-TP-Z	B.10
									No		2	1223010000	FTA-C300-16AO-SH-P	B.9

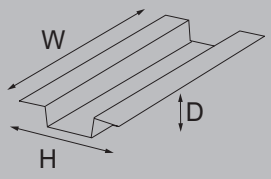
Note:
= Screw connection
= Tension clamp connection
= Pluggable connection

Honeywell C300 - FTA C300

Input/output passive interface for digital cards

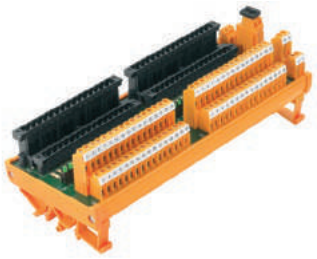
Passive interfaces (FTA) for connecting the Honeywell C300 digital IOTAs.

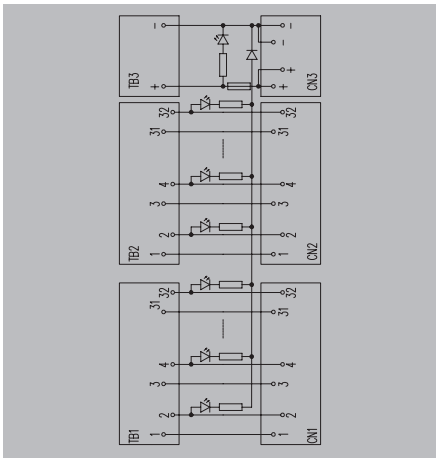
- Clearly labelled: same connector on the FTA and on the IOTA
- LED and fuse per channel (optional)
- Possibility of feeding the IOTA from the FTA (fuse protected)
- Screw or tension clamp connection



FTA-C300-32DI-LD

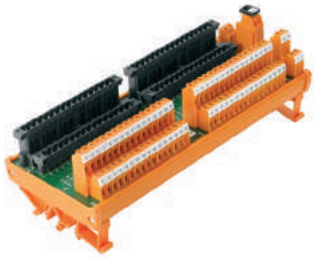
For: CC-TDIL01, CC-TDIL11

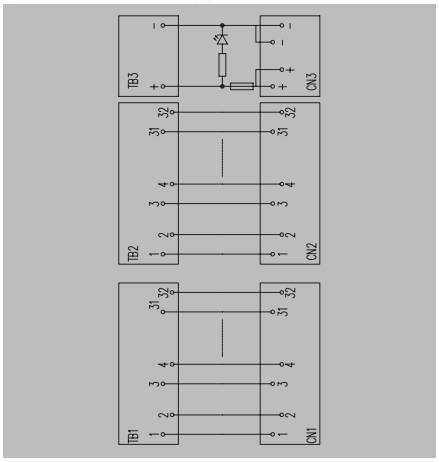




FTA-C300-32DIOHV

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





Technical data

Connection data and functionality		
Connection on control side	SLDV-THR 5.08	SLDV-THR 5.08
LED status display per channel	green	No
LED status of the supply voltage	yellow	yellow
Fuse per channel	No	No
Power supply fuse	630 mA	630 mA
Type of test point	No	No
Rated data		
Operating voltage	24 V DC ± 10%	≤ 250 V AC
Max. current per channel	1 A	1 A
Operating voltage (supply)	24 V DC ± 10%	24 V DC ± 10%
General data		
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 250 V AC
Surge voltage category	III	II
Pollution severity level	2	2
Insulation test voltage	0.35 kVAC	1.2 kVAC
Pulse voltage test (1,2/50µs)	0.8 kV	2 kV

Dimensions	Screw connection	Tension-clamp connection	Screw connection	Tension-clamp connection
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	216 mm / 87 mm	216 mm / 87 mm	216 mm / 87 mm	216 mm / 87 mm
Note			For digital outputs, replace the fuse as required (max. 5 A). TB3 can only be used for 24 VDC.	

Ordering data

	Type	Depth	Order No.	Type	Depth	Order No.
Screw connection	FTA-C300-32DI-LD-S	65 mm	**1222940000**	FTA-C300-32DIOHV-S	65 mm	**1221550000**
Tension clamp connection	FTA-C300-32DI-LD-Z	65 mm	**1222950000**	FTA-C300-32DIOHV-Z	65 mm	**1221560000**

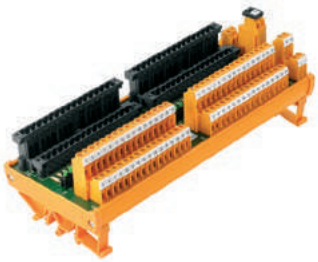
Note

Accessories

Note

FTA-C300-32DO-LD

For: CC-TDOB01, CC-TDOB11



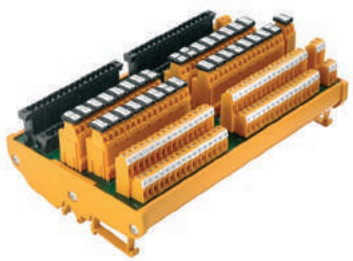
SLDV-THR 5.08	
green	
yellow	
No	
5 A	
No	
24 V DC ± 10%	
1 A	
24 V DC ± 10%	
-25...50 °C	
-40...60 °C	
CE; EAC	
< 50 V AC	
III	
2	
0.35 kVAC	
0.8 kV	

Screw connection	Tension-clamp connection
0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
TS 35, TS 32	TS 35, TS 32
216 mm / 87 mm	216 mm / 87 mm

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

FTA-C300-32DO-FUSE

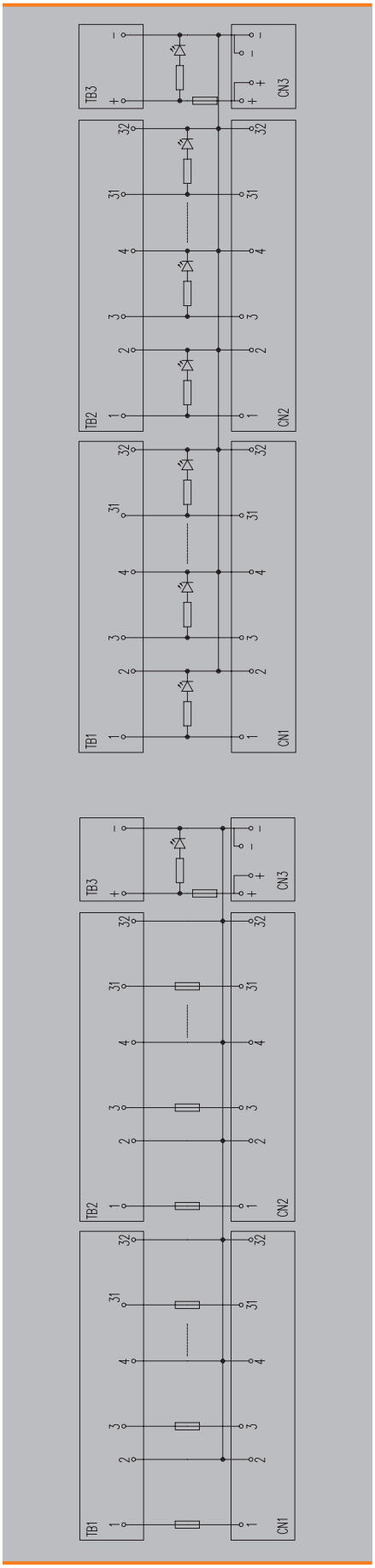
For: CC-TDOB01, CC-TDOB11



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 mm² / 6 mm²	0.13 mm² / 2.5 mm²
0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
TS 35, TS 32	TS 35, TS 32
217 mm / 133 mm	217 mm / 133 mm

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

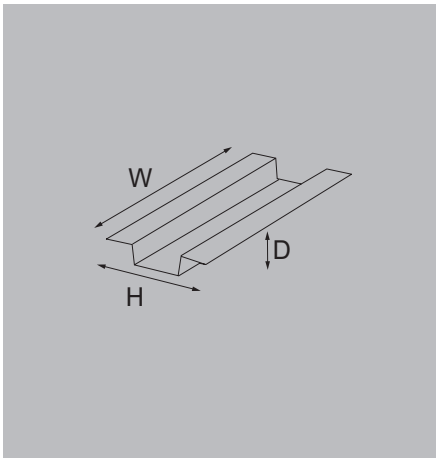


Honeywell C300 - FTA C300

Input/output passive interface for analogue and digital cards

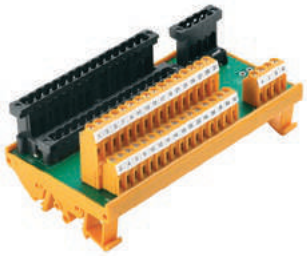
Passive interfaces (FTA) for connecting the Honeywell C300 analogue IOTAs.

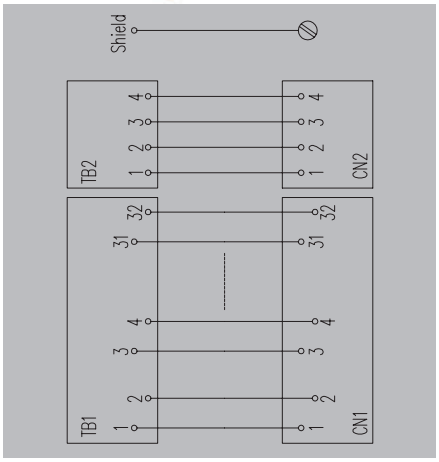
- Same connector and position on the FTA and on the IOTA
- 2 units can also be used for digital IOTAs
- Disconnecting plugs and test points (2 mm in diameter) for voltage and current measurements
- M4 connection for shielding



FTA-C300-16AI-SH

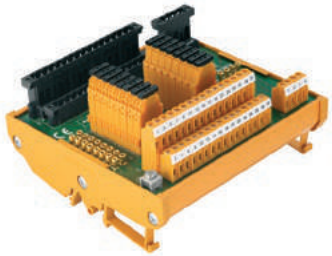
For: CC-TAIX01, CC-TAIX11, CC-TAIX51, CC-TAIX61

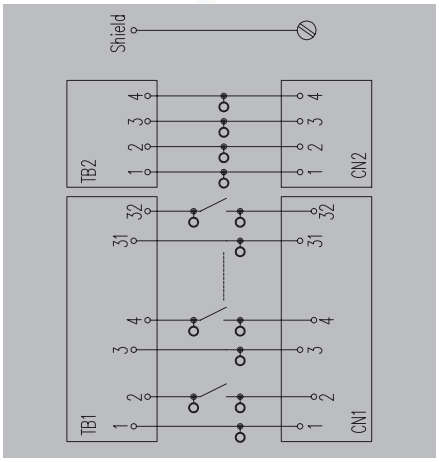




FTA-C300-16AI-TEST

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





Technical data

Connection data and functionality		
Connection on control side	SLDV-THR 5.08	SLDV-THR 5.08
LED status display per channel	No	No
LED status of the supply voltage	No	No
Fuse per channel	No	No
Power supply fuse	No	No
Type of test point	No	Diameter: 2 mm
Rated data		
Operating voltage	250 V AC / 350 V DC	24 V DC ± 10%
Max. current per channel	1 A	1 A
Operating voltage (supply)		
General data		
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 250 V AC	≤ 50 V DC
Surge voltage category	II	III
Pollution severity level	2	2
Insulation test voltage	1.2 kVAC	0.35 kVAC
Pulse voltage test (1,2/50µs)	2 kV	0.8 kV

Dimensions	Screw connection	Tension-clamp connection	Screw connection	Tension-clamp connection
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	135 mm / 70 mm	135 mm / 70 mm	141 mm / 133 mm	141 mm / 133 mm
Note				

Ordering data

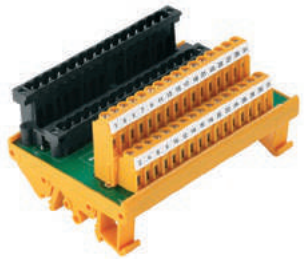
	Type	Depth	Order No.	Type	Depth	Order No.
Screw connection	FTA-C300-16AI-SH-S	56 mm	**1247120000**	FTA-C300-16AI-TEST-S	95 mm	**1247140000**
Tension clamp connection	FTA-C300-16AI-SH-Z	56 mm	**1247130000**	FTA-C300-16AI-TEST-Z	95 mm	**1247150000**
Plug-in connection						
Note						

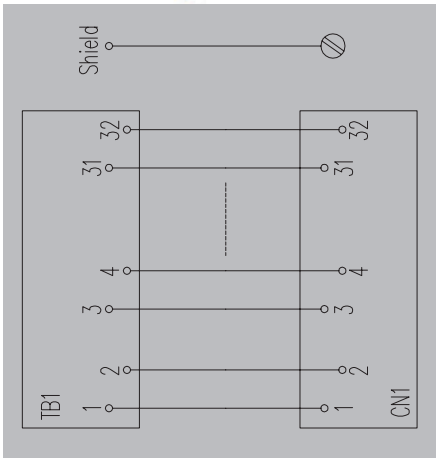
Accessories

Note		Test plug PS 2.0 MC 0310000000

FTA-C300-16AO-SH

CC-TDI 110/120/220/230/L01/L11, TDOB01/11, TAOX 01/11; TUIO1/11





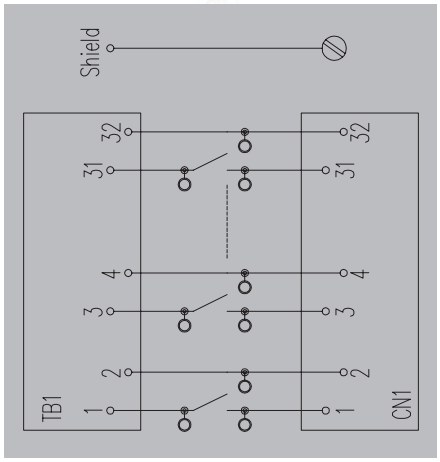
SLDV-THR 5.08	
No	
No	
No	
No	
No	
250 V AC / 350 V DC	
1 A	
-25...50 °C	
-40...60 °C	
CE; EAC	
< 250 V AC	
II	
2	
1.2 kVAC	
2 kV	

Screw connection	Tension-clamp connection
0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
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**

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	
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 mm² / 6 mm²	0.13 mm² / 2.5 mm²
0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
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

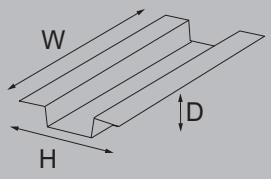
Honeywell C300 - FTA C300
Input/output passive interface for analogue and digital cards

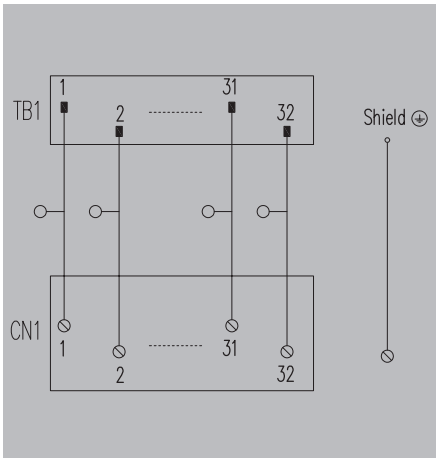
Passive interfaces (FTA) for connecting to Honeywell C300 analogue IOTAs.

- 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-C300-16AO-TP

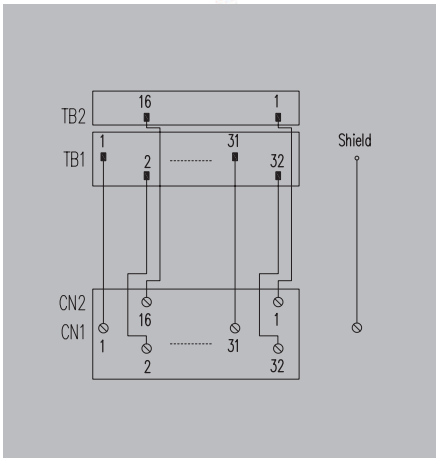
For: CC-TDOB01/11, CC-TAOX01/11, CC-TAON01/11, CC-TUI001/11





FTA-C300-16DAI-SH

For: CC-TAID01, CC-TAID11



Technical data

Connection data and functionality		
Connection on control side	SLDV-THR 5.08	SLDV-THR 5.08
LED status display per channel	No	No
LED status of the supply voltage	No	No
Fuse per channel	No	No
Power supply fuse	No	No
Type of test point	Diameter: 2 mm	No
Rated data		
Operating voltage	24 V DC ± 10%	100 V AC / 150 V DC / ±10%
Max. current per channel	1 A	1.5 A
Operating voltage (supply)		
General data		
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	≤ 50 V DC	≤ 50 V DC
Surge voltage category	III	II
Pollution severity level	2	2
Insulation test voltage	0.35 kVAC	0.6 kVAC
Pulse voltage test (1,2/50µs)	0.8 kV	1 kV

Dimensions		Tension-clamp connection	Screw connection	Tension-clamp connection
Clamping range, min./max.		0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.		0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail		TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height		105 mm / 86 mm	105 mm / 109 mm	105 mm / 109 mm
Note				

Ordering data

	Type	Depth	Order No.	Type	Depth	Order No.
Screw connection				FTA-C300-16DAI-SH-S	85 mm	**1415220000**
Tension clamp connection	FTA-C300-16AO-TP-Z	66 mm	**2000020000**	FTA-C300-16DAI-SH-Z	80 mm	**1415230000**
Plug-in connection						
Note						

Accessories

Note	Test plug PS 2.0 MC 0310000000	

Honeywell C300 - FTA C300

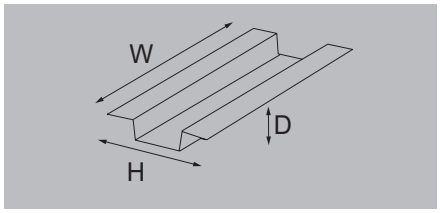
Isolated input interface for digital cards

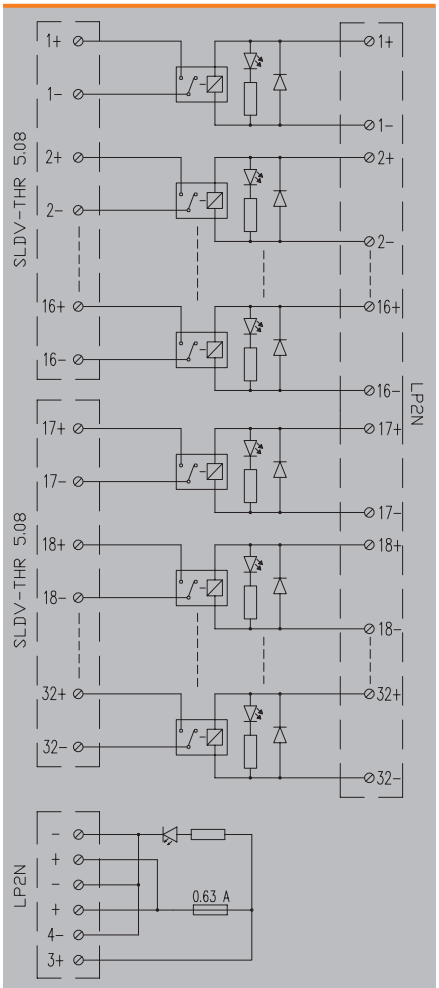
Passive interfaces (FTA) for connecting to Honeywell C300 analogue IOTAs.

- 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

FTA-C300-32DI-24 V DC

For: CC-TDIL01, CC-TDIL11





Technical data

Connection data and functionality	
Connection on control side	SLDV-THR 5.08
Number of poles (control side)	64-pole
Relay type	RSS
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	630 mA
Nominal input data	
Input voltage	24 V DC ± 10%
Input current	13 mA
Operating voltage (supply)	24 V DC ± 10%
Nominal output data	
Contact material	AgNi gold flashed
Operating voltage	24 V DC ± 10%
Max. DC continuous current	0.1 A
General data	
Ambient temperature (operational)	-25...50 °C
Storage temperature	-40...60 °C
Approvals	CE; EAC
Insulation coordination (EN50178)	
Rated input insulation voltage	< 50 V AC
Rated output insulation voltage	< 50 V AC
Overvoltage category input/output	III
Overvoltage category output/output	III
Pollution severity level	2
Pulse voltage test (1,2/50µs)	1.5 kV
Insulation test voltage	0.35 kVAC
Clearance input/output	≥ 6 mm

Dimensions	**Screw connection**
Clamping range, min./max.	0.13 mm² / 6 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35, TS 32
Width / Height	244 mm / 131 mm
Note	

Ordering data

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

Note

Accessories

Note	Relay 4061590000 RSS 24 V DC 1 CO AU

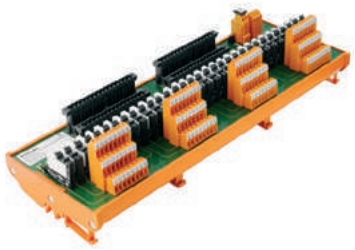
Honeywell C300 - FTA C300
Isolated output interface for digital cards

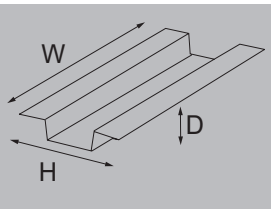
Passive interfaces (FTA) for connecting the Honeywell C300 analogue IOTAs.

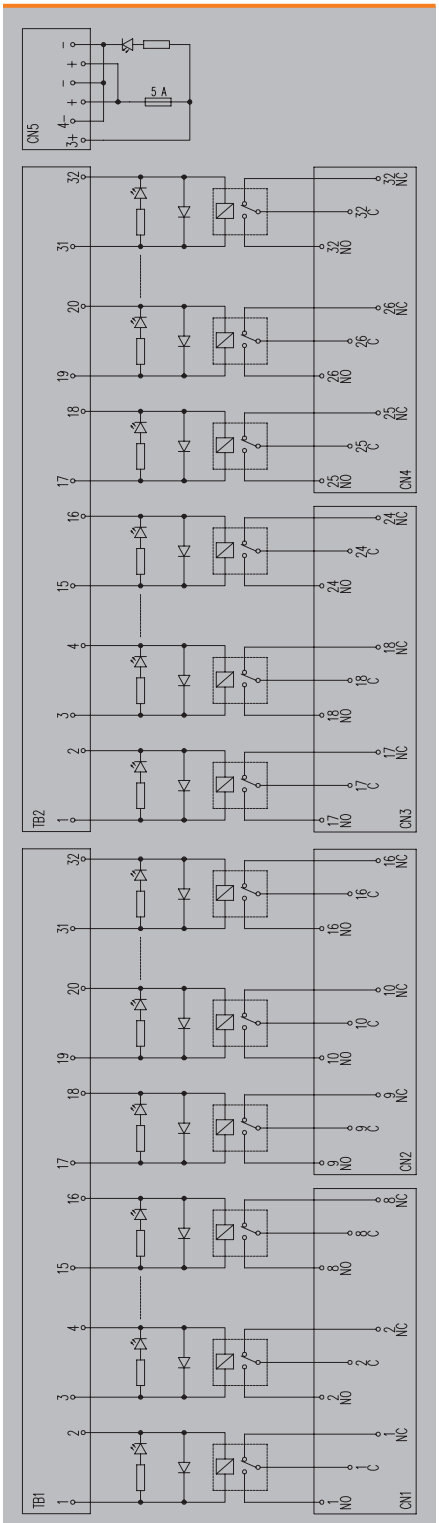
- Clearly labelled: same connector and position on the FTA and on the IOTA
- Input/output reinforced insulation (basic between contacts)
- Possibility of powering the IOTA from the FTA
- Screw or tension clamp connection

FTA-C300-32DO-RSLIM

For: CC-TDOB01, TDOB11







Technical data

Connection data and functionality	
Connection on control side	SLDV-THR 5.08
Number of poles (control side)	64-pole
Relay type	RSS
LED status display per relay	green
LED status of the supply voltage	yellow
Fuse per relay	No
Power supply fuse	5 A
Nominal input data	
Input voltage	24 V DC ± 10%
Input current	13 mA
Operating voltage (supply)	24 V DC ± 10%
Nominal output data	
Contact material	AgNi 90/10
Operating voltage	250 V
Max. DC continuous current	
General data	
Ambient temperature (operational)	-25...50 °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	Screw connection	Tension-clamp connection
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	368 mm / 133 mm	368 mm / 133 mm
Note		

Ordering data

	Type	Depth	Order No.
Screw connection	FTA-C300-32DO-RSLIM-S	95 mm	1221570000
Tension clamp connection	FTA-C300-32DO-RSLIM-Z	95 mm	1221580000

Note

Accessories

Note	
	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	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.	Type	Qty.	Order No.
0.25 mm²	C300-32B-320B-2S-M25-1M	1	**7789828010**	PAC-C300-3232-25-1M	1	**7789880010**
0.34 mm²	C300-32B-320B-2S-M34-1M	1	**7789888010**	PAC-C300-3232-34-1M	1	**1498820010**
0.50 mm²	C300-32B-320B-2S-M50-1M	1	**7789838010**	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 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)

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.	Type	Qty.	Order No.
0.25 mm²	C300-36B-324B-2S-M25-1M	1	**7789829010**	PAC-C300-3636-25-1M	1	**7789884010**
0.34 mm²	C300-36B-324B-2S-M34-1M	1	**7789891010**	PAC-C300-3636-34-1M	1	**7789885010**
0.50 mm²	C300-36B-324B-2S-M50-1M	1	**7789892010**	PAC-C300-3636-50-1M	1	**7789837010**

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

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	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.	Type	Qty.	Order No.
0.25 mm²	C300-32B-F-2S-M25-1M	1	**1349350010**	PAC-C300-32-F-25-1M	1	**1349330010**
0.34 mm²	C300-32B-F-2S-M34-1M	1	**7789617010**	PAC-C300-32-F-34-1M	1	**1373900010**
0.50 mm²	C300-32B-F-2S-M50-1M	1	**7789895010**	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)

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.	Type	Qty.	Order No.
0.25 mm²	C300-36B-F-2S-M25-1M	1	**1349370010**	PAC-C300-36-F-25-1M	1	**1349340010**
0.34 mm²	C300-36B-F-2S-M34-1M	1	**1373780010**	PAC-C300-36-F-34-1M	1	**1373910010**
0.50 mm²	C300-36B-F-2S-M50-1M	1	**1373820010**	PAC-C300-36-F-50-1M	1	**1373950010**

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

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	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.	Type	Qty.	Order No.
0.25 mm²	C300-16B-160B-2S-M25-1M	1	**1481690010**	PAC-C300-1616-25-1M	1	**1481610010**
0.34 mm²	C300-16B-160B-2S-M34-1M	1	**1481710010**	PAC-C300-1616-34-1M	1	**1481620010**
0.50 mm²	C300-16B-160B-2S-M50-1M	1	**1481720010**	PAC-C300-1616-50-1M	1	**1481630010**

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 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)

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.	Type	Qty.	Order No.
0.25 mm²	C300-16B-F-2S-M25-1M	1	**1481740010**	PAC-C300-16-F-25-1M	1	**1481650010**
0.34 mm²	C300-16B-F-2S-M34-1M	1	**1481750010**	PAC-C300-16-F-34-1M	1	**1481660010**
0.50 mm²	C300-16B-F-2S-M50-1M	1	**1481760010**	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.

Accessories

Note		

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

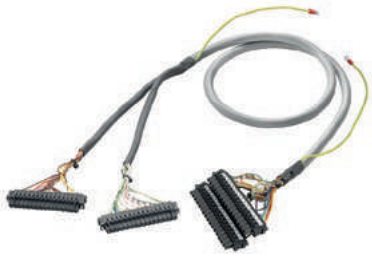
Shielded Cable LI YCY
Colour code according DIN 47100
Halogen free cables on demand

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		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	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.	Type	Qty.	Order No.
0.25 mm²	C300-32B-216B-2S-M25-1M	1	**2699000010**	PAC-C300-32-1616-25-1M	1	**1373880010**
0.34 mm²	C300-32B-216B-2S-M34-1M	1	**2699010010**	PAC-C300-32-1616-34-1M	1	**7789893010**
0.50 mm²	C300-32B-216B-2S-M50-1M	1	**2699020010**	PAC-C300-32-1616-50-1M	1	**1373920010**

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		

Interface units for Yokogawa CS3000 and ProSafe

Interface units for Yokogawa CS3000 and ProSafe

Secure and fast connection between Distributed Control Systems and the field

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.

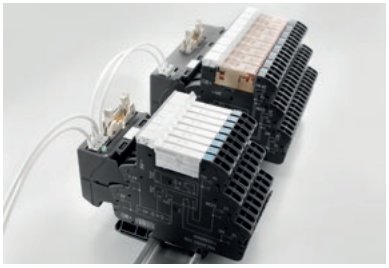
This is where our interface units for the Yokogawa CS3000 and ProSafe controllers score: the compact interfaces minimise cabling costs and offer significant benefits such as the regulated power supply with control relay.
If required we supply the components with a coating according to corrosion class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

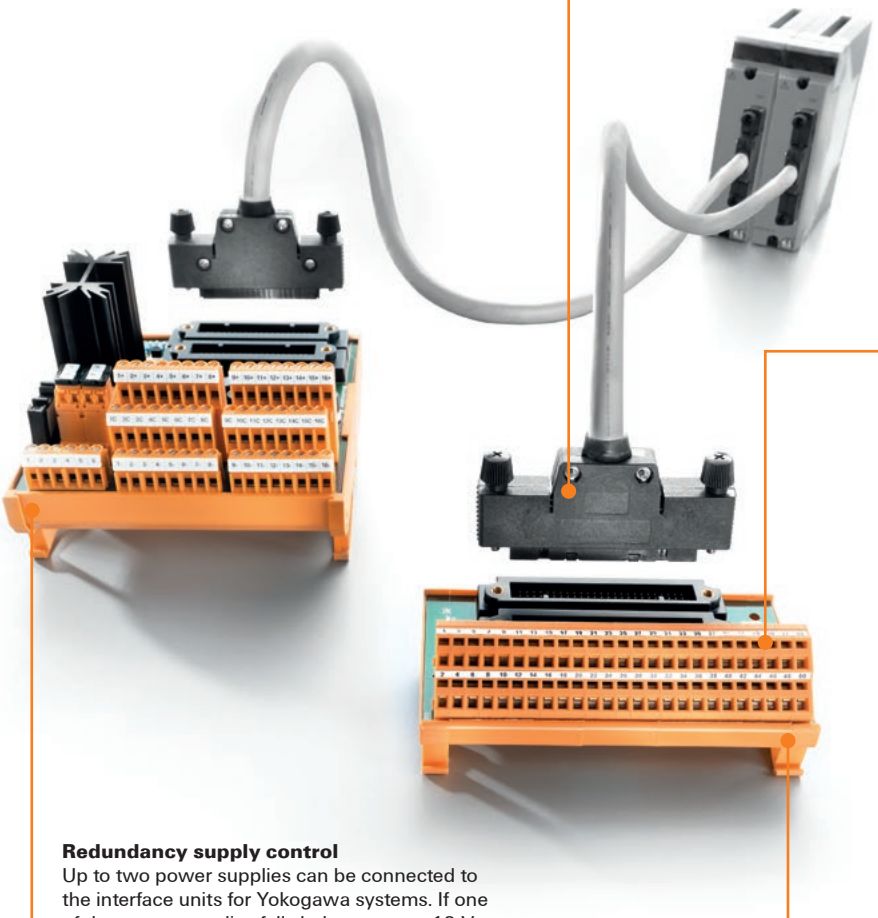
These benefits and more will enable you to establish the optimum connection between field elements and input/output cards from Yokogawa.

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.

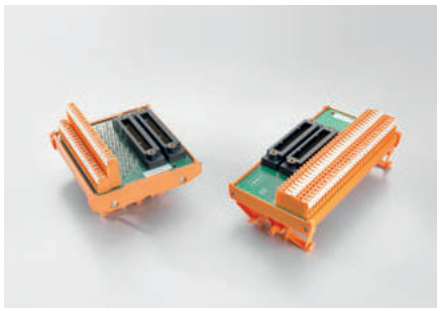
Reliable connection
The interface units are provided with a screw or tension clamp connection on the field side and with compatible connectors to KS or AKB cables on the control side.

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

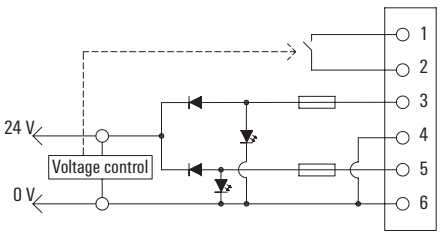




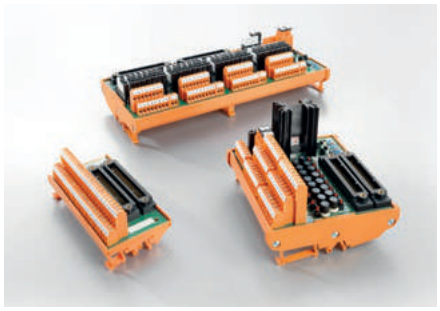
Numerous integral functions
Isolators, fuses with fault display, status LEDs: field sensors may be supplied with power within the individual modular terminal.



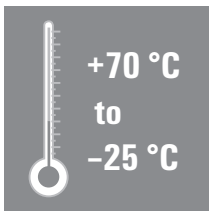
Redundancy supply control
Up to two power supplies can be connected to the interface units for Yokogawa systems. If one of the power supplies falls below approx. 12 V an alarm is activated and the power supply LED is extinguished.



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



Wide temperature range
The interface can work in ambient temperatures ranging from –25 to +70 °C.



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 avaliables.
G3 termination boards can also be provided under demand.

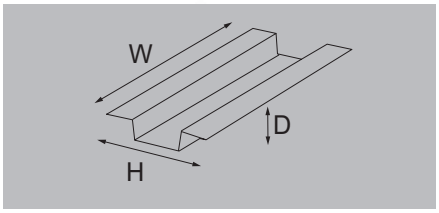
Yokogawa CS3000 – Selection guide

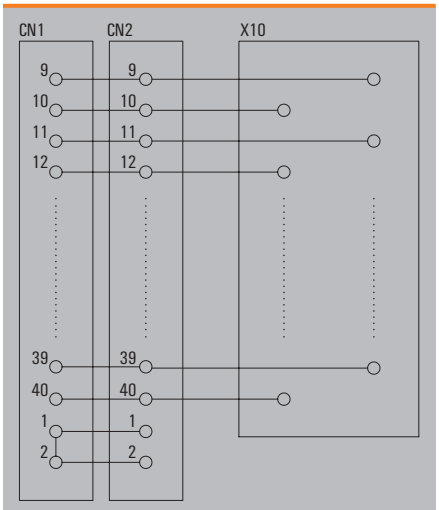
STEP 1		STEP 2											
Yokogawa Card		TBY (Weidmüller Interfaces for Yokogawa)											
Kind of Card	Card	Kind of connector	Redundancy Power supply	Fuses per channel	Disconnect + Test points	Forks for components	Led channel	Led fuse	Relay	Type	Order No. Screw	Order No. Tension clamp	Page
8 analogue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

TBY-CS3000 Input/Output interfaces for CS3000 analogue cards

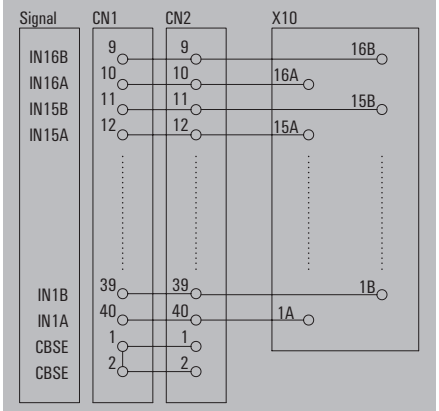
Interface for 8 or 16 analogue signals (depend on marking)
- 2 KS connectors (40 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- Basic module also without marking available and markers as accessory for customer flexibility
- Complete modules with marking available
- Screw and tension clamp connection

TBY-C3-



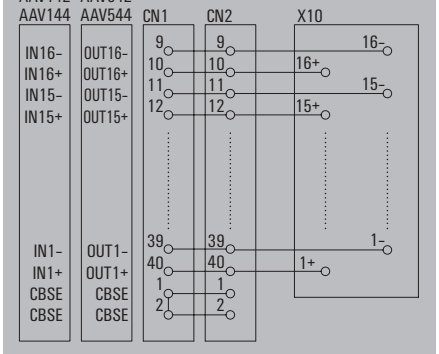


Schematic for 1371470000/1371500000



Schematic for 1371530000/1371550000 (AAI141,AAI143)

Signal for:
AAV141 AAI543
AAV142 AAV542
AAV144 AAV544



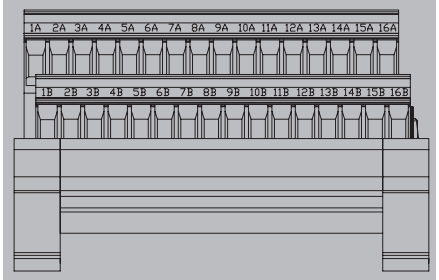
Schematic for 1371580000/1371590000
(AAV141, AAV142, AAV144, AAI543, AAV542, AAV544)

Technical data

Connected to	
Connection to the card	AAB841, AAI135, AAI141, AAI143, AAI543, AAI841, AAI835, AAP135, AAV141, AAV142, AAV144, AAV542, AAV544
Connection data and functionality	
Connection on control side	2 x KS (40P)
LED status display per channel	No
LED status of the supply voltage	No
Fuse per channel	No
Power supply fuse	No
Disconnection per channel	No
Type of test point	No
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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	90 mm / 70 mm / 90 mm / 70 mm
Note	

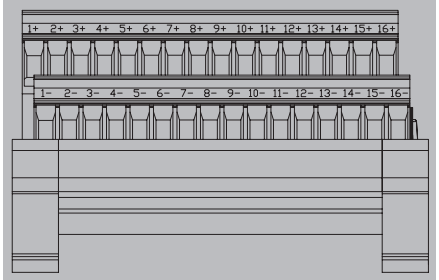
Ordering data

Terminal block for:	Type	Depth	Order No.
Analogue signals without marking (S)	TBY-C3-AI0-2KS-S	56 mm	**1371470000**
Analogue signals without marking (Z)	TBY-C3-AI0-2KS-Z	52 mm	**1371500000**
AAI141, AAI143 (S)	TBY-C3-16AI-2KS-S	56 mm	**1371530000**
AAI141, AAI143 (Z)	TBY-C3-16AI-2KS-Z	52 mm	**1371550000**
AAI543, AAV141, AAV142, AAV144, AAV542, AAV544 (S)	TBY-C3-16AI0-2KS-S	56 mm	**1371580000**
AAI543, AAV141, AAV142, AAV144, AAV542, AAV544 (Z)	TBY-C3-16AI0-2KS-Z	52 mm	**1371590000**
Note	Picture shows article number 1371530000 S (screw connection), Z (tension-clamp connection)		

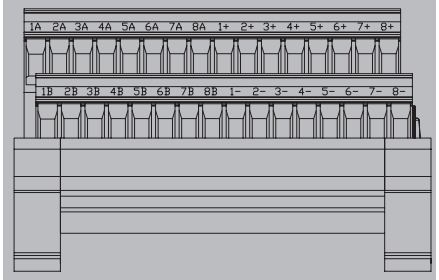


Field terminals view 1371530000 / 1371550000
(AAI141, AAI143)

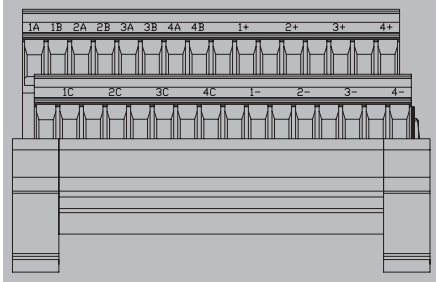
Application note: With the markers showed as accesories,
is possible to configurate the TBY for other cards



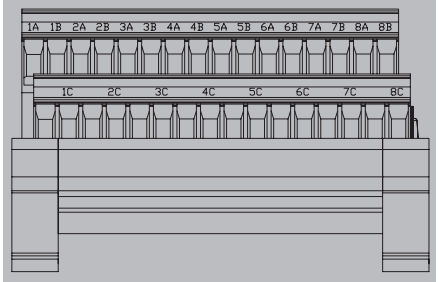
Field terminals view 1371580000 / 1371590000
(AAV141, AAV142, AAV144, AAI543, AAV542, AAV544)



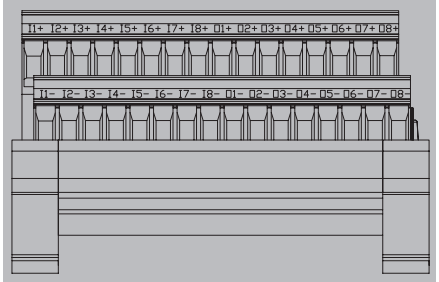
Connection for AAI841



Connection for AAI835



Connection for AAI135, AAP135

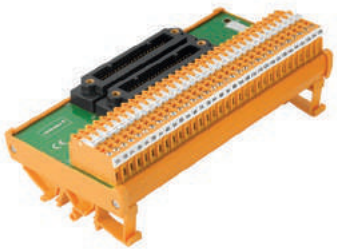


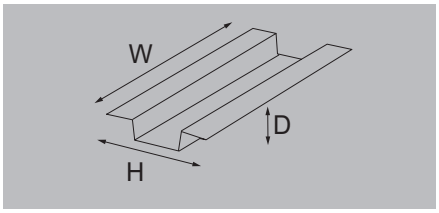
Connection for AAB841

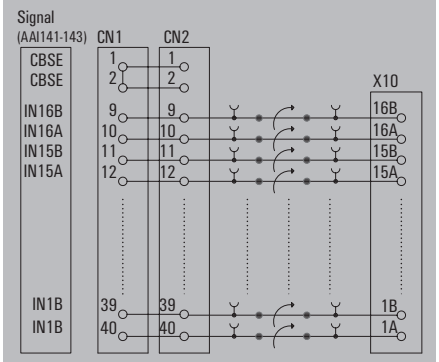
TBY-CS3000 Input/Output interfaces for CS3000 analogue cards

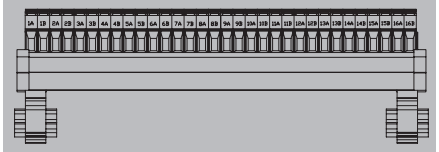
Interface for 8 or 16 analogue signals
- 2 KS connectors (40 poles) for redundancy
- Disconnecting plugs and test points (2 mm diameter) for voltage or current measurement.
- The TBY is delivered with the marking for AAI141, AAI143 and it's compatible with other analogue cards.
- Marker available as accessory.
- Screw and tension clamp connection

TBY-C3-AIO-I-2KS



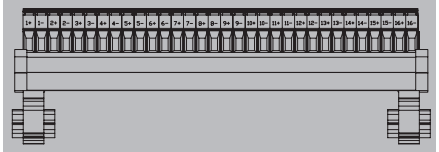




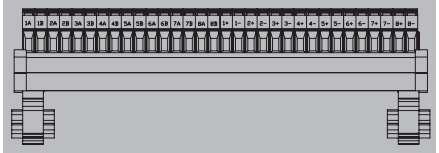


Connection for AAI141, AAI143

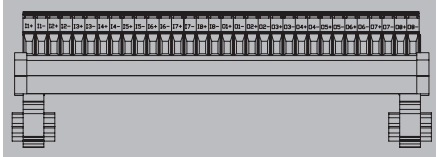
Application note: With the markers showed as accesories, is possible to configurate the TBY for other cards



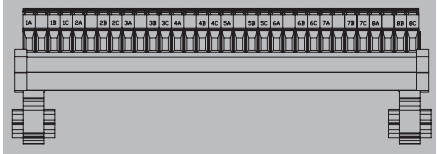
Connection for AAV141, AAV142, AAV144, AAI543, AAV542, AAV544)



Connection for AAI841



Connection for AAB841



Connection for AAI135,AAP135

Connection for AAI835

Technical data

Connected to	
Connection to the card	AAB841, AAI135, AAI141, AAI143, AAI841, AAI543, AAI835, AAP135, AAV141, AAV142, AAV144, AAV542, AAV544
Connection data and functionality	
Connection on control side	2 x KS (40P)
LED status display per channel	No
LED status of the supply voltage	No
Fuse per channel	No
Power supply fuse	No
Disconnection per channel	Yes
Type of test point	Diameter: 2 mm
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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	170 mm / 87 mm / 170 mm / 87 mm
Note	

Ordering data

	Screw connection	
	Tension clamp connection	
Note		

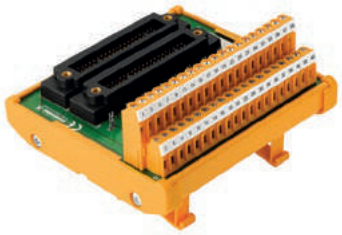
Type	Depth	Order No.
TBY-C3-AIO-I-2KS-S	56 mm	**1371600000**
TBY-C3-AIO-I-2KS-Z	59 mm	**1371610000**

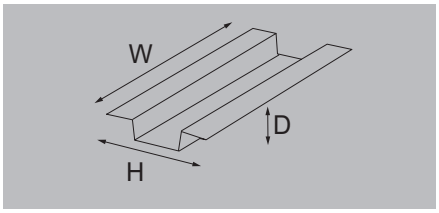
TBY-CS3000 Input/Output interfaces for CS3000 analogue cards

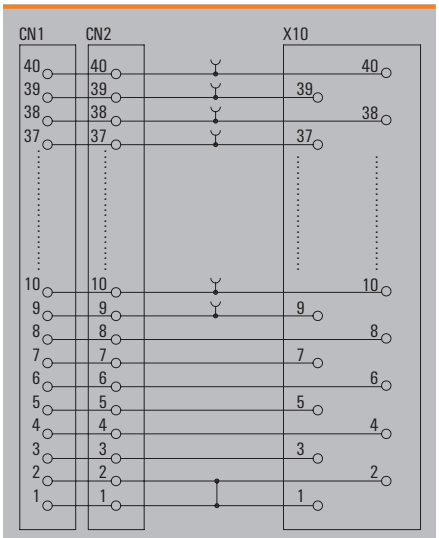
Interface for analogue signals

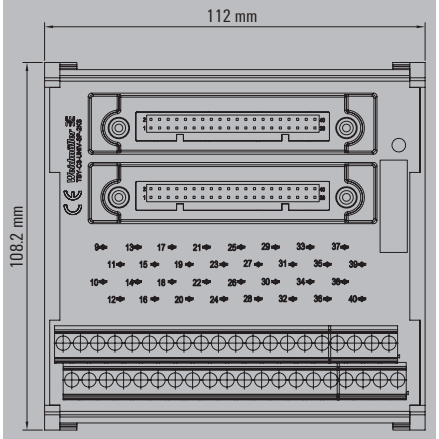
- 2 KS connectors (40 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- The soldering tags allows the mounting of external components: voltage conversion or monitorization of the current loop.
- Screw and tension clamp connection

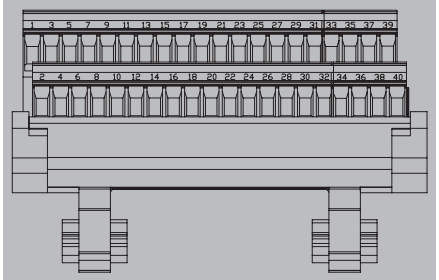
TBY-C3-UNIV-SP-2KS











Technical data

Connected to	
Connection to the card	AAI141, AAI143, AAV141, AAV142, AAV144, AAI841, AAB841, AAV542, AAI543, AAV544, AAR181, AAI135, AAP135, AAI835
Connection data and functionality	
Connection on control side	2 x KS (40P)
LED status display per channel	No
LED status of the supply voltage	No
Fuse per channel	No
Power supply fuse	No
Disconnection per channel	No
Type of test point	Soldering tags
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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	112 mm / 109 mm / 112 mm / 109 mm
Note	

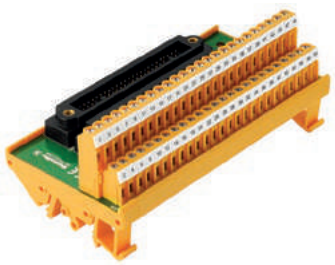
Ordering data

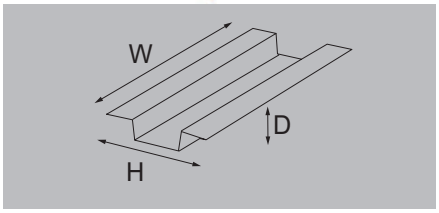
	Type	**Depth**	**Order No.**
Screw connection	TBY-C3-UNIV-SP-2KS-S	70 mm	**1371640000**
Tension clamp connection	TBY-C3-UNIV-SP-2KS-Z	65 mm	**1371650000**
Note			

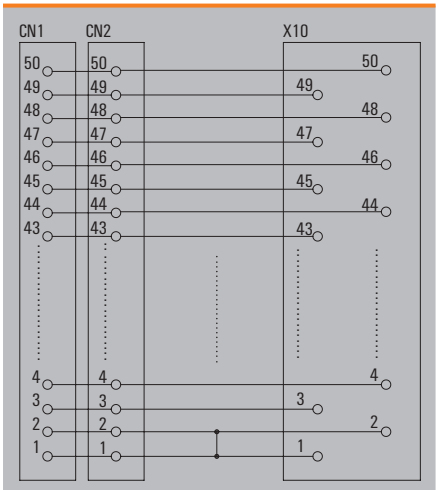
TBY-CS3000 Input/Output interfaces for CS3000 digital cards

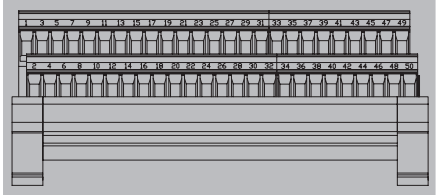
Interface for Centum CS3000 digital Cards
- AKB connectors (50 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- Screw and tension clamp connection

TBY-C3-UNIV-2KB









Technical data

Connected to		
Connection to the card	ADV151, ADV161, ADV551, ADV561, AAR145	
Connection data and functionality		
Connection on control side	2 x AKB (50P)	
LED status display per channel	No	
LED status of the supply voltage	No	
Fuse per channel	No	
Power supply fuse	No	
Disconnection per channel	No	
Type of test point	No	
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	**Screw connection**	**Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	135 mm / 70 mm	135 mm / 70 mm
Note		

Ordering data

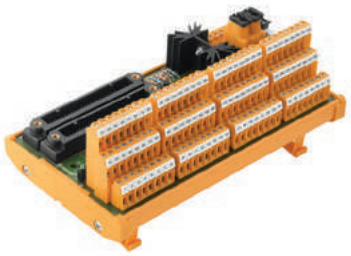
	Type	**Depth**	**Order No.**
Screw connection	TBY-C3-UNIV-2KB-S	56 mm	**1384090000**
Tension clamp connection	TBY-C3-UNIV-2KB-Z	52 mm	**1384080000**
Note			

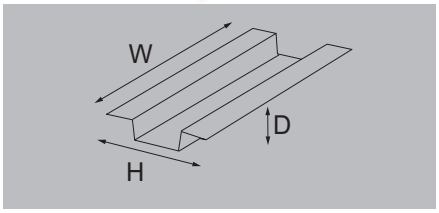
TBY-CS3000 Input/Output interfaces for CS3000 digital cards

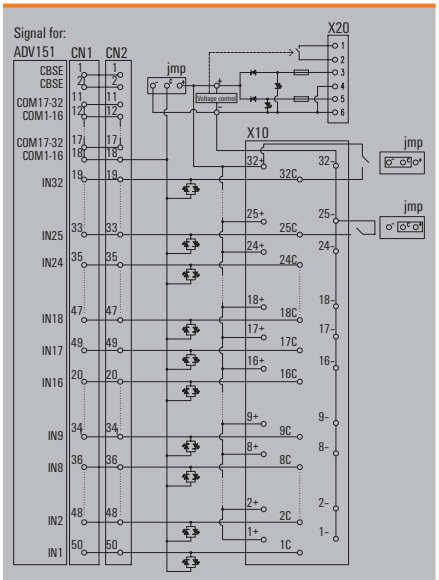
Interface for Centum ADV151 32 digital input card

- 2 AKB connectors (50 poles) for redundancy
- Green LED shows channel Status
- The Card can be configured with positive or negative common (see schematic)
- Monotoritzation 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







Field terminals view for 1384350000 (ADV151)

Field terminals view for ADV161 (Channels 33 to 64)

Technical data

Connected to	
Connection to the card	ADV151, ADV161 (2 TBY by Card)
Connection data and functionality	
Connection on control side	2 x AKB (50P)
LED status display per channel	green
LED status of the supply voltage	green
Fuse per channel	No
Power supply fuse	2 A
Disconnection per channel	No
Type of test point	No
Rated data	
Operating voltage	24 V DC
Max. current per channel	1 A
Operating voltage (supply)	24 V DC
Operating current (supply)	2 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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	190 mm / 109 mm / 190 mm / 109 mm
Note	

Ordering data

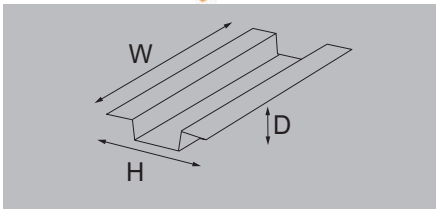
	Type	Depth	Order No.
Screw connection	TBY-ADV151-PS-L-2KB-S	85 mm	**1384350000**
Tension clamp connection	TBY-ADV151-PS-L-2KB-Z	85 mm	**1384340000**
Note			

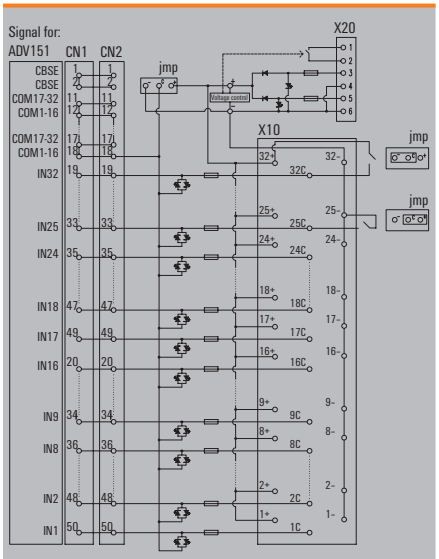
TBY-CS3000 Input/Output interfaces for CS3000 digital cards

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)
- Monotoritzation 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





Field terminals view for 1397820000 (ADV151)

Field terminals view for ADV161 (Channels 33 to 64)

Technical data

Connected to	
Connection to the card	ADV551, ADV561 (2 TBY by Card)
Connection data and functionality	
Connection on control side	2 x AKB (50P)
LED status display per channel	green
LED status of the supply voltage	green
Fuse per channel	100 mA
Power supply fuse	2 A
Disconnection per channel	No
Type of test point	No
Rated data	
Operating voltage	24 V DC
Max. current per channel	1 A
Operating voltage (supply)	24 V DC
Operating current (supply)	2 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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	190 mm / 131 mm / 190 mm / 131 mm
Note	

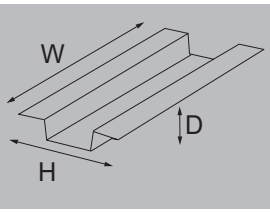
Ordering data

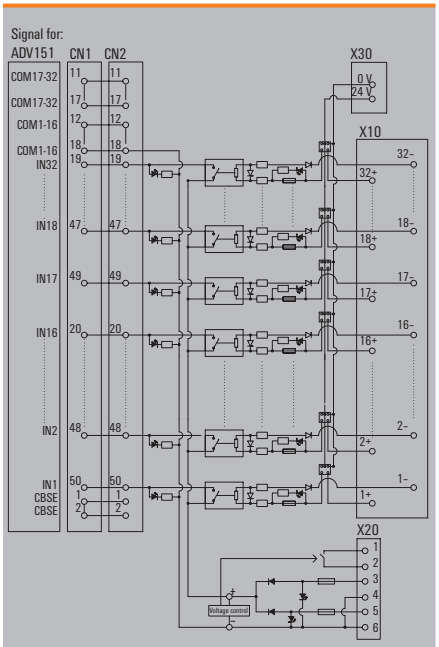
	Type	**Depth**	**Order No.**
Screw connection	TBY-ADV151-PS-F-L-2KB-S	95 mm	**1397820000**
Tension clamp connection	TBY-ADV151-PS-F-L-2KB-Z	95 mm	**1397830000**
Note			

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
- Monotoritzation 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

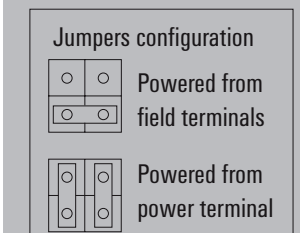
TBY-ADV151-24-PS-2KB

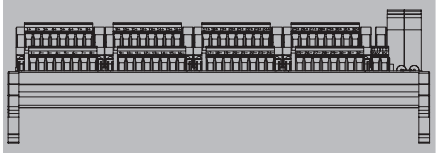




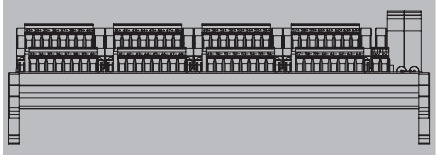
Technical data

Connected to	
Connection to the card	ADV151, ADV161 (2 TBY by Card)
Connection data and functionality	
Connection on control side	2 x AKB (50P)
Relay type	RSS
Power supply fuse	1 A
Nominal input data	
Input voltage	24 V DC ± 10%
Input current	7 mA (fuse on) / 0.5 mA (fuse off)
Operating voltage (supply)	24 V DC
Operating current (supply)	1 A
Nominal output data	
Contact material	AgNi gold-plated
Operating voltage	18 ... 26,4 V DC
Max. DC continuous current of the I/O card	10 mA
Minimum contact current	1 mA
Minimum contact voltage	1 V
Mechanical service life	5 x 10^6 switching cycles
General data	
Ambient temperature (operational)	-25...70 °C
Storage temperature	-40...85 °C
Insulation coordination (EN50178)	
Rated input insulation voltage	≤ 50 V DC
Rated output insulation voltage	≤ 50 V DC
Overvoltage category input/output	III
Overvoltage category input/input	III
Overvoltage category output/output	III
Pollution severity level	2
Pulse voltage test (1,2/50µs)	1.5 kV
Insulation test voltage	0.35 kVAC
Clearance input/output	≥ 5.5 mm
Dimensions	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	317 mm / 131 mm / 317 mm / 131 mm
Note	





Field terminals view 1384330000 (ADV 151)



Field terminals view for ADV161 (Channels 33 to 64)

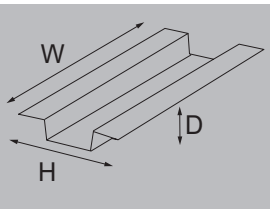
Ordering data

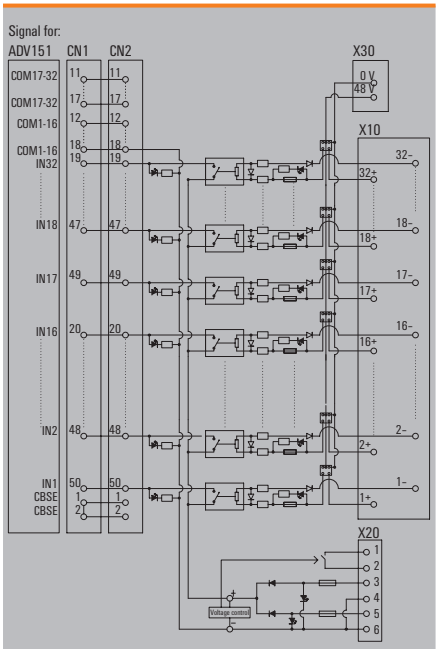
	Type	Depth	Order No.
Screw connection	TBY-ADV151-24-PS-2KB-S	95 mm	**1384330000**
Tension clamp connection	TBY-ADV151-24-PS-2KB-Z	95 mm	**1384320000**
Note			

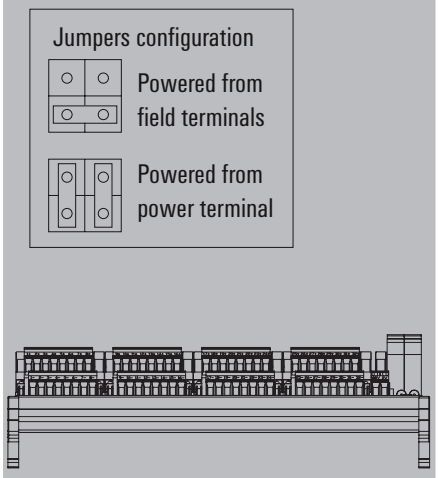
TBY-CS3000 Input/Output interfaces for CS3000 digital cards

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.
- Monotoritzation 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

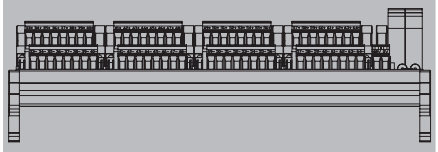
TBY-ADV151-48-PS-2KB







Field terminals view 1324280000 (ADV 151)



Field terminals view for ADV161 (Channels 33 to 64)

Technical data

Connected to	
Connection to the card	ADV151, ADV161 (2 TBY by Card)
Connection data and functionality	
Connection on control side	2 x AKB (50P)
Relay type	RSS
Power supply fuse	1 A
Nominal input data	
Input voltage	48 V DC ± 10%
Input current	7 mA (fuse on) / 0.5 mA (fuse off)
Operating voltage (supply)	24 V DC
Operating current (supply)	1 A
Nominal output data	
Contact material	AgNi gold-plated
Operating voltage	18 ... 26,4 V DC
Max. DC continuous current of the I/O card	10 mA
Minimum contact current	1 mA
Minimum contact voltage	1 V
Mechanical service life	5 x 10^6 switching cycles
General data	
Ambient temperature (operational)	-25...70 °C
Storage temperature	-40...85 °C
Insulation coordination (EN50178)	
Rated input insulation voltage	≤ 50 V DC
Rated output insulation voltage	≤ 50 V DC
Overvoltage category input/output	III
Overvoltage category input/input	III
Overvoltage category output/output	III
Pollution severity level	2
Pulse voltage test (1,2/50µs)	1.5 kV
Insulation test voltage	0.35 kVAC
Clearance input/output	≥ 5.5 mm
Dimensions	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	317 mm / 131 mm / 317 mm / 131 mm
Note	

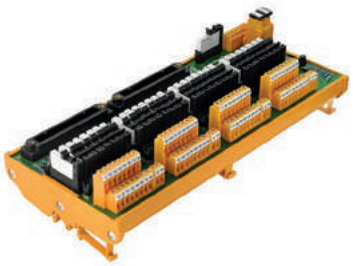
Ordering data

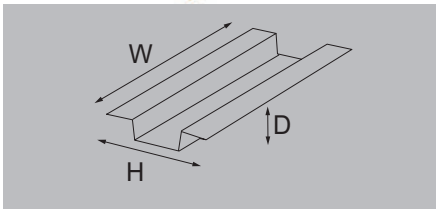
	Type	**Depth**	**Order No.**
Screw connection	TBY-ADV151-48-PS-2KB-S	95 mm	**1384280000**
Tension clamp connection	TBY-ADV151-48-PS-2KB-Z	95 mm	**1384250000**
Note			

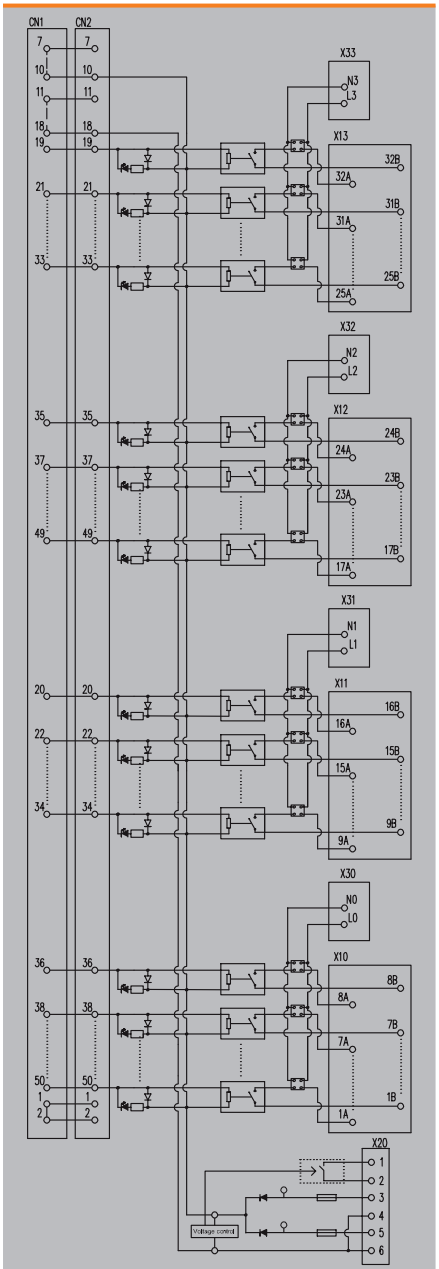
TBY-CS3000 Input/Output interfaces for CS3000 digital cards

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)
- Monotoritzation 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-ADV551-CF-PS-2KB







Field terminals view 1379500000 (ADV 551)

Field terminals view for ADV561 (Channels 33 to 64)

Technical data

Connected to	
Connection to the card	ADV551, ADV561 (2 TBY by Card)
Connection data and functionality	
Connection on control side	2 x AKB (50P)
Relay type	RSS
Fuse per channel	No
Power supply fuse	1 A
Nominal input data	
Input voltage	24 V DC ± 10%
Input current	13 mA
Operating voltage (supply)	24 V DC
Operating current (supply)	1 A
Nominal output data	
Contact material	AgNi 90/10
Operating voltage	250 V AC
Max. AC continuous current	2.5 A
Minimum contact current	0.1 A
Minimum contact voltage	5 V
Mechanical service life	5 x 10^6 switching cycles
General data	
Ambient temperature (operational)	-25...70 °C
Storage temperature	-40...85 °C
Insulation coordination (EN50178)	
Rated input insulation voltage	≤ 50 V DC
Rated output insulation voltage	250 V AC
Overvoltage category input/output	III
Overvoltage category input/input	II
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	**Screw connection**	**Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	303 mm / 131 mm	303 mm / 131 mm
Note		

Ordering data

	Type	**Depth**	**Order No.**
Screw connection	TBY-ADV551-CF-PS-2KB-S	80 mm	**1379500000**
Tension clamp connection	TBY-ADV551-CF-PS-2KB-Z	80 mm	**1379510000**
Note			

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 avaliables.
G3 termination boards can also be provided under demand.

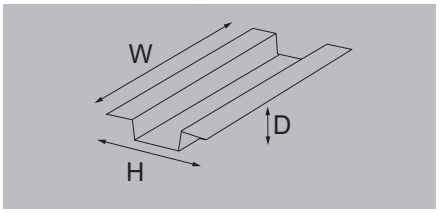
Yokogawa Pro Safe – Selection guide

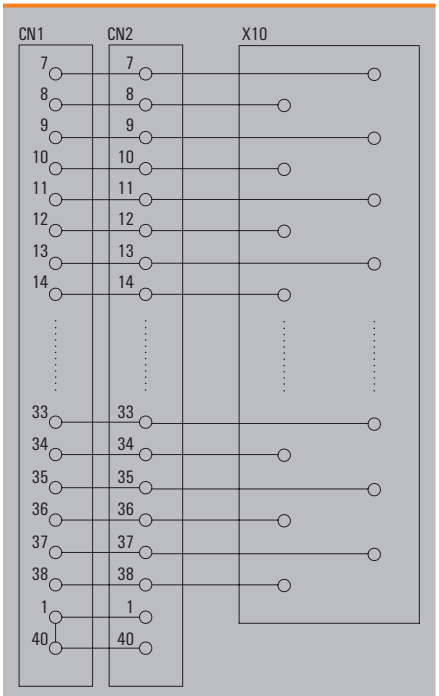
STEP 1		STEP 2											
Yokogawa Card		TBY (Weidmüller Interfaces for Yokogawa)											
Kind of Card	Card	Kind of connector	Redundancy Power supply	Fuses per channel	Disconnect + Test points	Forks for components	Led channel	Led fuse	Relay	Type	Order No. Screw	Order No. Tension clamp	Page
16 analogue current input	SAI143	KS								TBY-RS-AIO-2KS	1371130000	1371140000	C.18
		KS								TBY-SAI143-2KS	1371150000	1371170000	C.18
		KS			⟷					TBY-RS-AIO-I-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-F-L-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-AIO-I-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-AIO-I-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-F-PS-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:													

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-





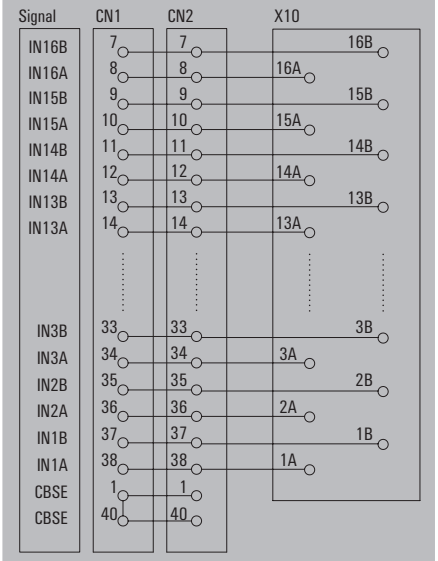
Schematic 1371130000/1371140000

Technical data

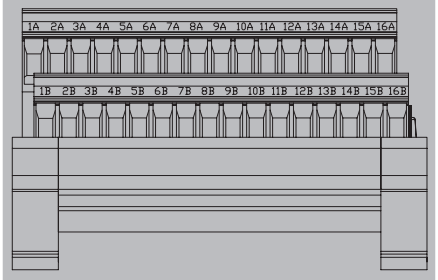
Connected to	
Connection to the card	SAI143, SAV144, SAI553
Connection data and functionality	
Connection on control side	2 x KS (40P)
LED status display per channel	No
LED status of the supply voltage	No
Fuse per channel	No
Power supply fuse	No
Disconnection per channel	No
Type of test point	No
Rated 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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	90 mm / 70 mm / 90 mm / 70 mm
Note	

Ordering data

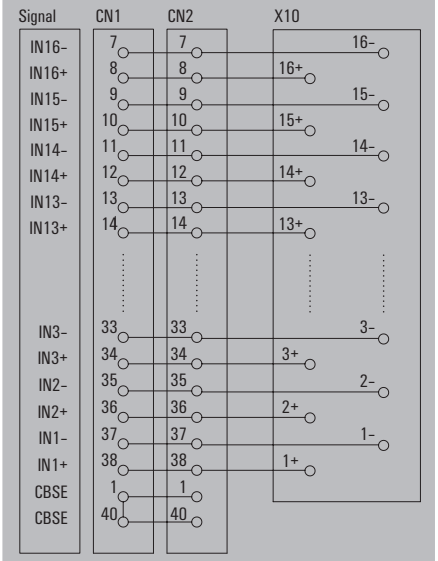
Terminal block for:	**Type**	**Depth**	**Order No.**
SAI143, SAV144, SAI533 without marking (S)	TBY-RS-AI0-2KS-S	56 mm	**1371130000**
SAI143, SAV144, SAI533 without marking (Z)	TBY-RS-AI0-2KS-Z	52 mm	**1371140000**
SAI143 (S)	TBY-SAI143-2KS-S	56 mm	**1371150000**
SAI143 (Z)	TBY-SAI143-2KS-Z	52 mm	**1371170000**
SAV144 (S)	TBY-SAV144-2KS-S	56 mm	**1371180000**
SAV144 (Z)	TBY-SAV144-2KS-Z	52 mm	**1371190000**
SAI553 (S)	TBY-SAI533-2KS-S	56 mm	**1371200000**
SAI553 (Z)	TBY-SAI533-2KS-Z	52 mm	**1371210000**
Note	S (screw connection), Z (tension-clamp connection)		



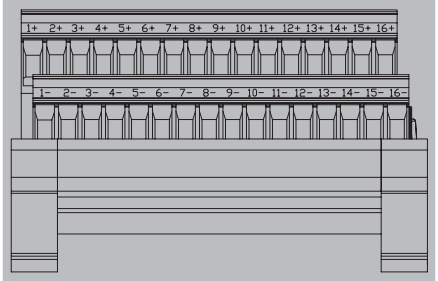
Schematic 1371150000/1371170000 (SAI143)



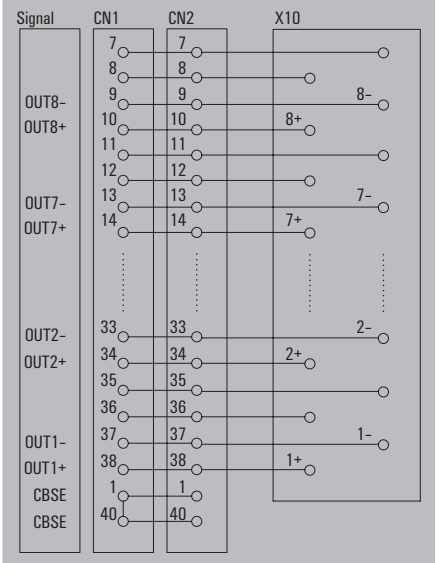
Field terminal view 1371150000



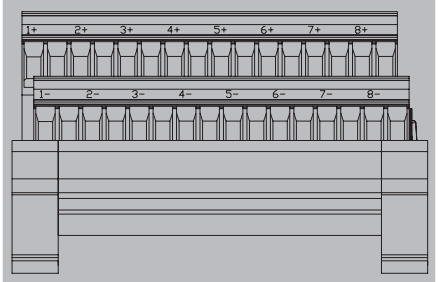
Schematic 1371180000/1371190000 (SAV144)



Field terminal view 1371180000



Schematic 1371200000/1371210000 (SAI533)



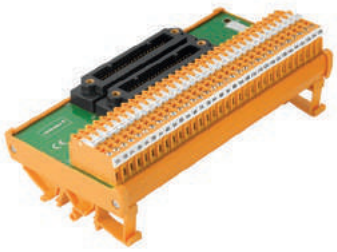
Field terminal view 1371200000

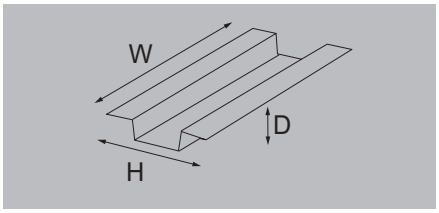
TBY-RS Input/Output interfaces for ProSafe analogue cards

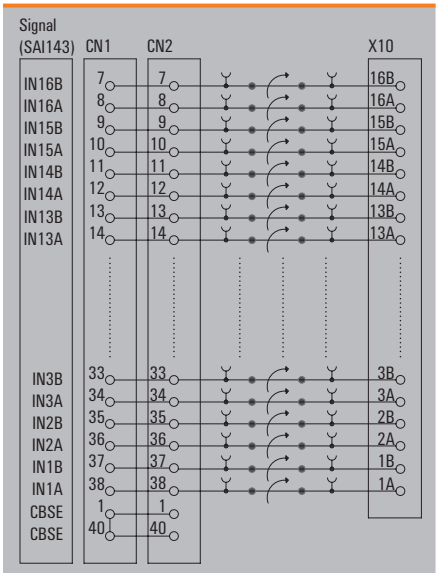
Interface for 8 or 16 analogue signals

- 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

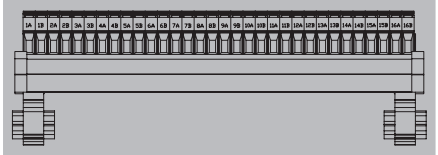
TBY-RS-AIO-I-2KS





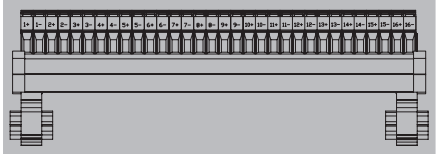


Connection for SAI143

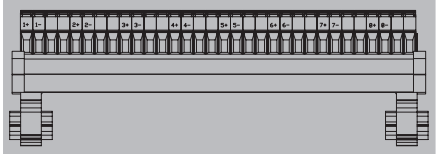


Field terminals view 1371220000

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



Field terminals view for SAV144



Field terminals view for SAI533

Technical data

Connected to	
Connection to the card	SAI143, SAV144, SAI553
Connection data and functionality	
Connection on control side	2 x KS (40P)
LED status display per channel	No
LED status of the supply voltage	No
Fuse per channel	No
Power supply fuse	No
Disconnection per channel	Yes
Type of test point	Diameter: 2 mm
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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	170 mm / 87 mm / 170 mm / 87 mm
Note	

Ordering data

	Screw connection	
	Tension clamp connection	
Note		

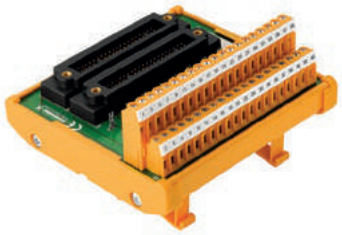
Type	Depth	Order No.
TBY-RS-AIO-I-2KS-S	56 mm	**1371220000**
TBY-RS-AIO-I-2KS-Z	59 mm	**1371230000**

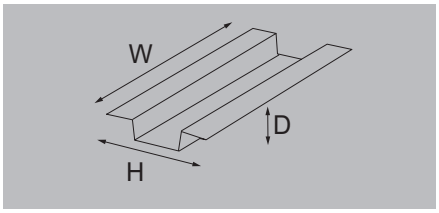
TBY-RS Input/Output interfaces for ProSafe analogue cards

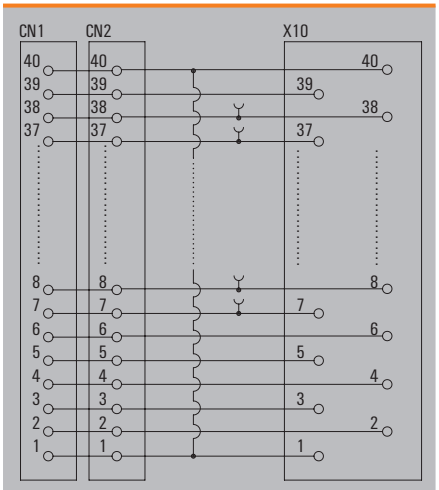
Interface for analogue signals

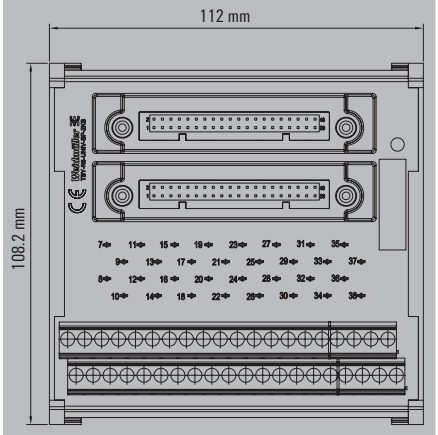
- 2 KS connectors (40 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- The soldering tags allows the mounting of external components: voltage conversion or monitorization of the current loop.
- Screw and tension clamp connection

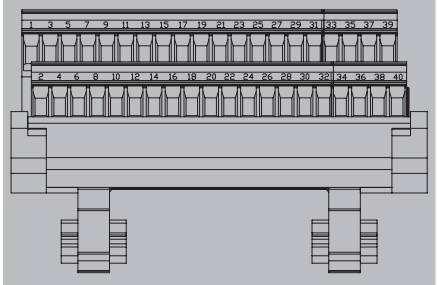
TBY-RS-UNIV-SP-2KS











Technical data

Connected to	
Connection to the card	SAI143, SAV144, SAI553
Connection data and functionality	
Connection on control side	2 x KS (40P)
LED status display per channel	No
LED status of the supply voltage	No
Fuse per channel	No
Power supply fuse	No
Disconnection per channel	No
Type of test point	Soldering tags
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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	112 mm / 109 mm / 112 mm / 109 mm
Note	

Ordering data

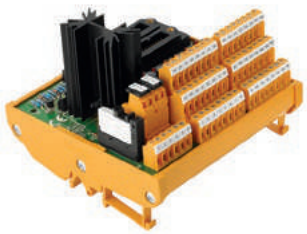
	Type	**Depth**	**Order No.**
Screw connection	TBY-RS-UNIV-SP-2KS-S	70 mm	**1371340000**
Tension clamp connection	TBY-RS-UNIV-SP-2KS-Z	65 mm	**1371370000**
Note			

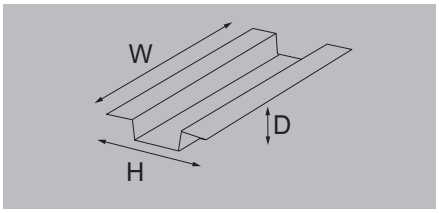
TBY-RS Input/Output interfaces for ProSafe analogue cards

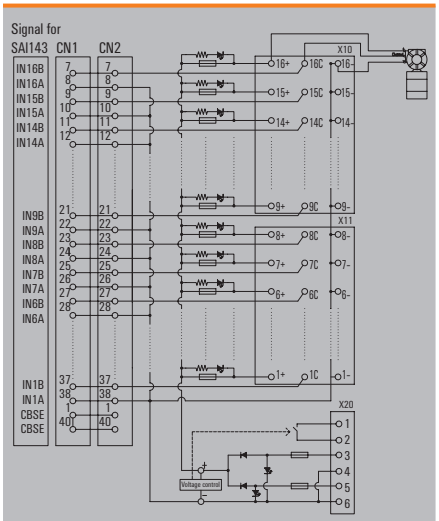
Interface for Pro-safe SA143 analogue input Card

- 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.
- Monotoritzation 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	SAI143
Connection data and functionality	
Connection on control side	2 x KS (40P)
LED status display per channel	red
LED status of the supply voltage	green
Fuse per channel	1 A
Power supply fuse	6.3 A
Disconnection per channel	No
Type of test point	No
Rated data	
Operating voltage	24 V DC
Max. current per channel	1 A
Operating voltage (supply)	24 V DC
Operating current (supply)	6.3 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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	131 mm / 107 mm / 133 mm / 131 mm
Note	

Ordering data

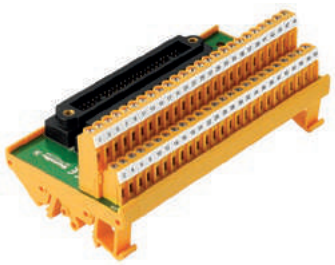
	Type	**Depth**	**Order No.**
Screw connection	TBY-SAI143-F-L-PS-2KS-S		**1371240000**
Tension clamp connection	TBY-SAI143-F-L-PS-2KS-Z	107 mm	**1371250000**
Note			

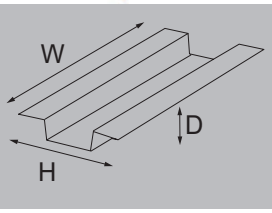
TBY-RS Input/Output interfaces for ProSafe digital cards

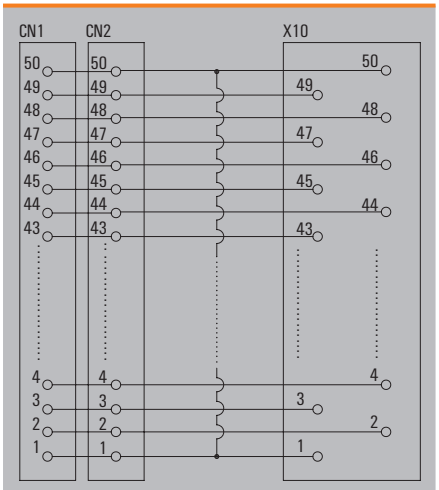
Interface for Pro-safe digital Cards

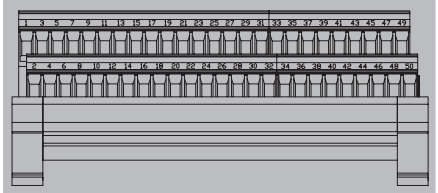
- AKB connectors (50 poles) for redundancy
- Direct connection between the Yokogawa card and the field connectors.
- Screw and tension clamp connection

TBY-RS-DIO-2KB









Technical data

Connected to	
Connection to the card	SDV144, SDV521, SDV531, SDV541
Connection data and functionality	
Connection on control side	2 x AKB (50P)
LED status display per channel	No
LED status of the supply voltage	No
Fuse per channel	No
Power supply fuse	No
Disconnection per channel	No
Type of test point	No
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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	135 mm / 70 mm / 135 mm / 70 mm
Note	

Ordering data

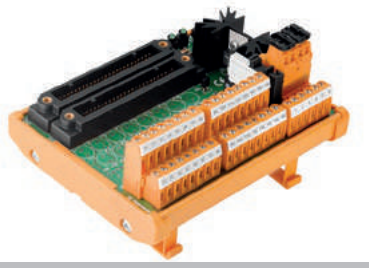
	Type	Depth	Order No.
Screw connection	TBY-RS-DIO-2KB-S	56 mm	**1371540000**
Tension clamp connection	TBY-RS-DIO-2KB-Z	52 mm	**1371570000**
Note			

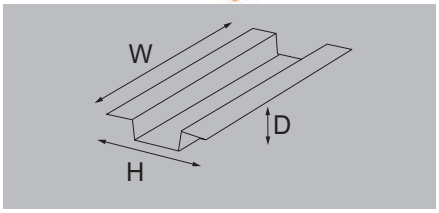
TBY-RS Input/Output interfaces for ProSafe digital cards

Interface for Pro-safe SDV144 digital input Card

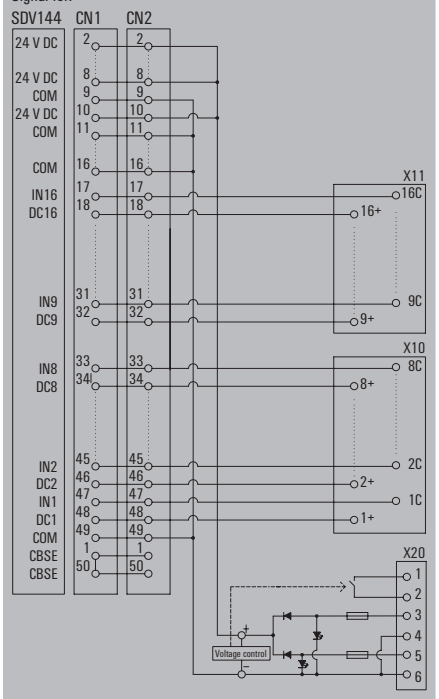
- 2 AKB connectors (50 poles) for redundancy
- Dual power supply can be connected to the TBY to supply sensors and Yokogawa Card.
- Monotoritzation of the Power supply status with green LED and alarm contact (24 V DC / 2...100 mA): close contact and led shinning means no supply fault.
- Screw and tension clamp connection

TBY-SDV144-PS-2KB





Signal for:



Technical data

Connected to	
Connection to the card	SDV144
Connection data and functionality	
Connection on control side	2 x AKB (50P)
LED status display per channel	No
LED status of the supply voltage	green
Fuse per channel	No
Power supply fuse	2 A
Disconnection per channel	No
Type of test point	No
Rated data	
Operating voltage	24 V DC
Max. current per channel	1 A
Operating voltage (supply)	24 V DC
Operating current (supply)	2 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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	134 mm / 109 mm / 134 mm / 109 mm
Note	

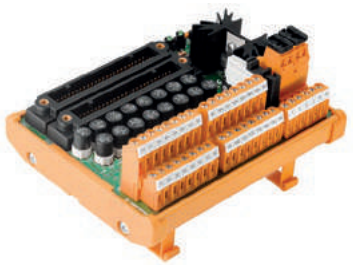
Ordering data

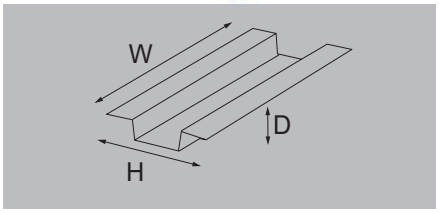
	Type	**Depth**	**Order No.**
Screw connection	TBY-SDV144-PS-2KB-S	80 mm	**1371390000**
Tension clamp connection	TBY-SDV144-PS-2KB-Z	80 mm	**1371410000**
Note			

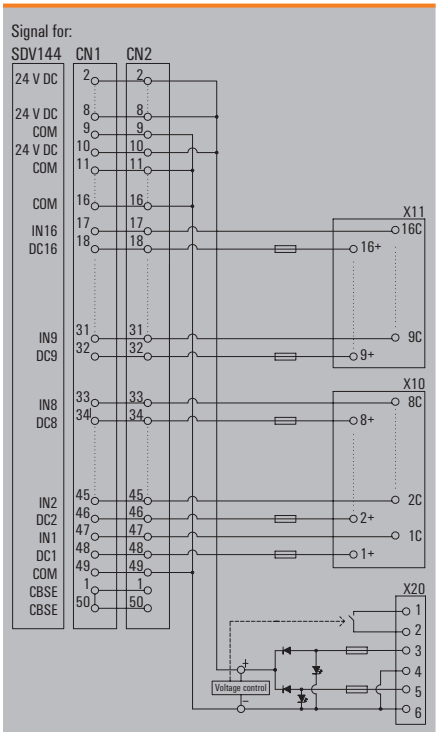
TBY-RS Input/Output interfaces for ProSafe digital cards

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.
- Monotoritzation 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	SDV144, SDV521, SDV531, SDV541
Connection data and functionality	
Connection on control side	2 x AKB (50P)
LED status display per channel	No
LED status of the supply voltage	green
Fuse per channel	100 mA
Power supply fuse	2 A
Disconnection per channel	No
Type of test point	No
Rated data	
Operating voltage	24 V DC
Max. current per channel	1 A
Operating voltage (supply)	24 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	**Screw connection** / **Tension-clamp connection**
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm² / 0.13 mm² / 2.5 mm²
Rail	TS 35, TS 32 / TS 35, TS 32
Width / Height	134 mm / 109 mm / 134 mm / 109 mm
Note	

Ordering data

	Type	**Depth**	**Order No.**
Screw connection	TBY-SDV144-F-PS-2KB-S	80 mm	**1395370000**
Tension clamp connection	TBY-SDV144-F-PS-2KB-Z	80 mm	**1395380000**
Note			

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	≤ 60 Vdc ≤ 25 Vac
Permissible current strength per path, max.	1 A	1 A
Total current, max.	3 A	3 A
Resistance	≤ 150 mΩ/m	≤ 150 mΩ/m
Capacity wire / wires	300 pF/m	300 pF/m
Capacity wire / shield		300 pF/m
Nominal rating, control cable		
Cable	Cable LiYY	Cable LiYCY
Material	PVC	PVC
Wire cross-section	0.14 mm²	0.14 mm²
General data		
Ambient temperature (operational)	-10...50 °C	-10...50 °C
Storage temperature	-10...60 °C	-10...60 °C

Note

Ordering data

	Type	Qty.	Order No.
40-pole connector	PAC-YOK-MIL40-F-1M	1	2420520010
50-pole connector	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

Connect DCS and PLS systems quickly and reliably
Backplane systems for integrating electronic components

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.

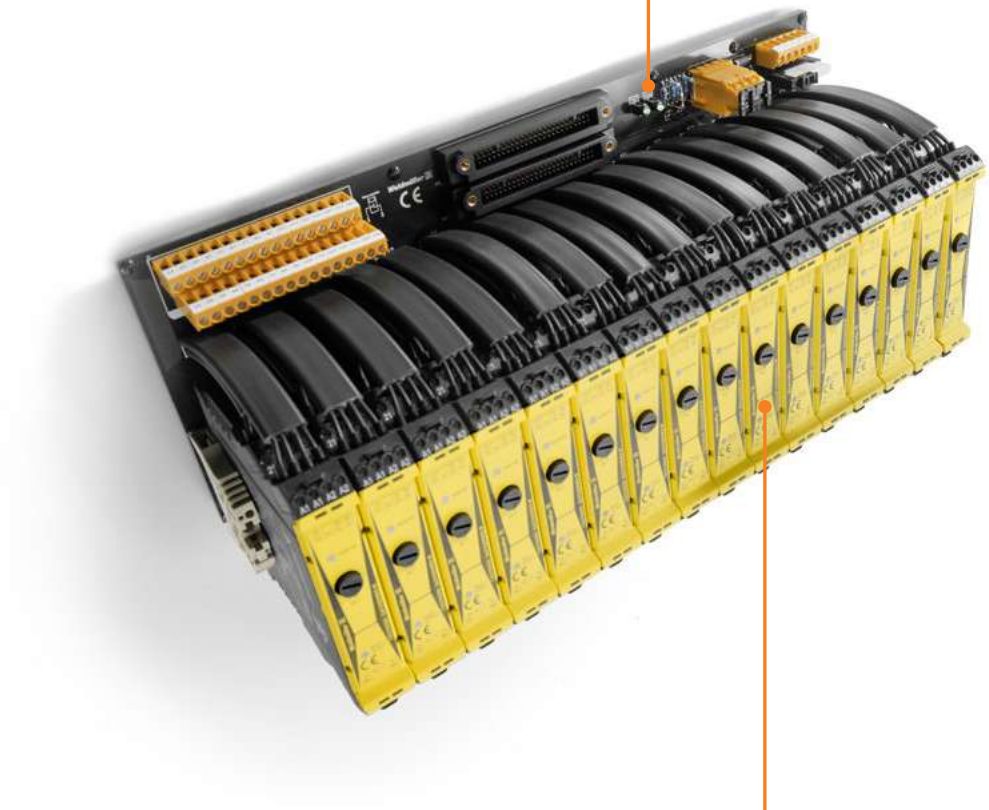
Backplane systems can help facilitate installation and wiring in the process industry – particularly when a large number of components need to be connected.

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 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.

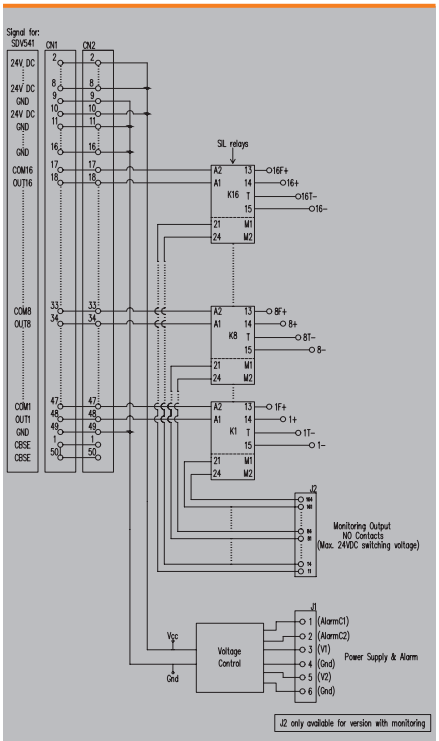
High compatibility
Thanks to clip-fit fixing to the DIN rail, modules and components can be installed, replaced and customised quickly and easily.

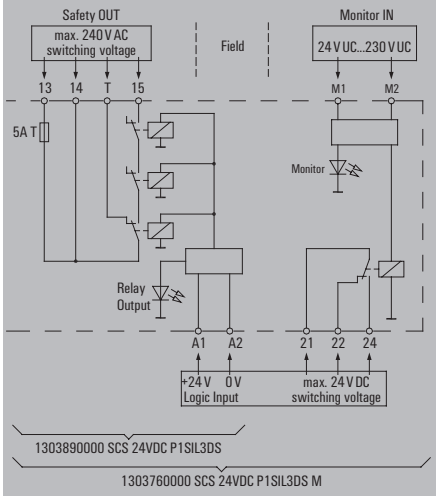
Yokogawa backplane – SIL Backplane for digital outputs

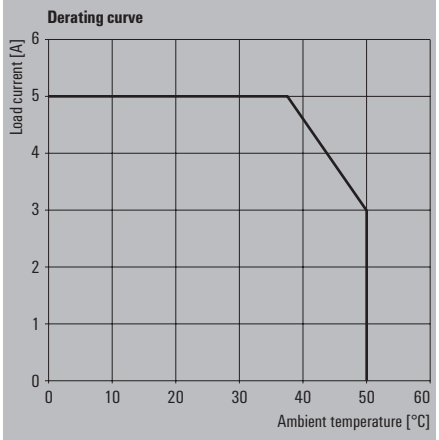
Backplane with SIL 3 relays for Yokogawa Prosafe SDV541

- 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	SDV541
Connection data and functionality	
Connection on control side	2 x AKB (50P)
Relay type	SIL3
Power supply fuse	2 A
Input (safety circuit)	
Rated control voltage	24 V DC ± 20%
Power consumption	42 mA
Guaranteed current consumption of 24 VDC -10%	35 mA
Status indicator	LED yellow
Output (safety circuit)	
Base material of the contact / Contact design	AgNi 0.15 gold flashed / NO contact
max. permitted switching voltage	250 V AC / 30 V DC
max. permitted switching current	8 A
max. switching current, internal fuse	5 A (refer to derating curve)
max. switching current, external fuse	5 A (refer to derating curve)
Switching capacity, min./max.	12 V / 10 mA / 2000 VA
Internal fuse	5 A time-lag
Short-circuit-proof	No
Switch-on time / Switch-off time	typ. 7 ms / typ. 14 ms
General data	
Ambient temperature (operational)	-25...50 °C
Storage temperature	-40...85 °C
Insulation coordination	
Rated input insulation voltage	50 V AC / 70 V DC
Rated output insulation voltage	< 300 V AC
Overvoltage category input/output	III
Overvoltage category input/input	III
Overvoltage category output/output	III
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	**Screw connection**
Clamping range, min./max.	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²
Rail	TS 35
Width / Height	376 mm / 168 mm
Note	For more technical data about SIL relays 1303890000 and 1303760000 check catalog.weidmueller.com

Ordering data

	Type	Depth	Order No.
Potential-free for SIL3 relay without monitoring	BKP-16DO-SDV541-V0-S	125 mm	**2461730000**
Potential-free for SIL3 relay with monitoring	BKP-16DO-SDV541-V1-S	125 mm	**2436230000**
Note			

Accessories

G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	**Type**	**Qty.**	**Order No.**
2#00 A fast	G 20/2.00A/F	10	**0430900000**
SIL relay without monitoring	SCS 24VDC P1SIL3DS	1	**1303890000**
SIL relay with monitoring	SCS 24VDC P1SIL3DS M	1	**1303760000**
Relay (for alarm)	RSS112024	20	**4061590000**
Note			

Passive interfaces for general applications

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:

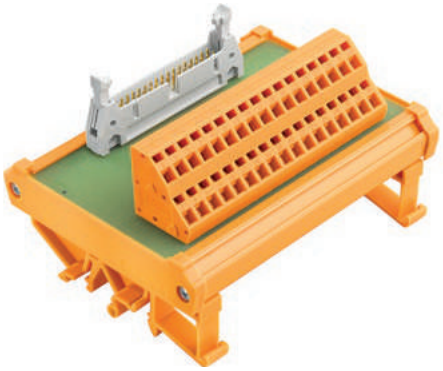
- Ribbon cable connector in accordance with IEC 60603-13/DIN 41651 (RSF)
- Miniature SUB-D plug-in connectors acc. to IEC 60807-2/DIN 41652
- RJ45 connectors for data lines
- Plug-in ELCO connectors for applications in high-demand industrial areas.

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

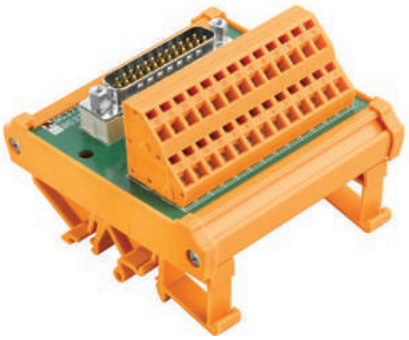


Passive interfaces for transmitting signals from a plug-in flat cable connector, based on IEC 60603-13 / DIN 41651, to a tension clamp or screw connection.

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 avaliable in screw connection.

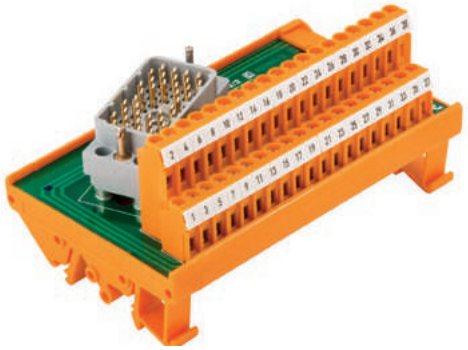
RS RJ45 - Interfaces with RJ45 connector

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

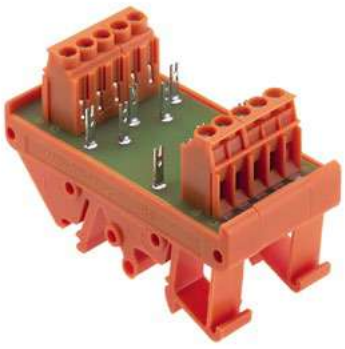
Passive interfaces that transport signals proceeding from a 20 to 90-pole male/female ELCO plug-in connector to screw or tension clamp connection techniques.



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.

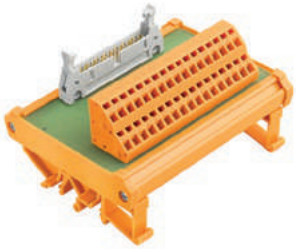
RS F - Interface for flat cable in accordance with IEC 60603-13 / DIN41651

RS F - Interface for flat cable in accordance with IEC 60603-13/DIN41651

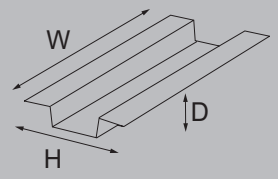
Interface for flat cable in accordance with IEC 60603-13/ DIN41651

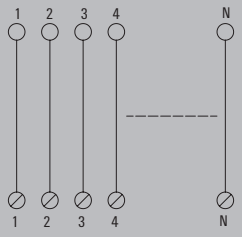
- Connection 1:1
- 10 to 64 poles
- Screw or tension clamp connection

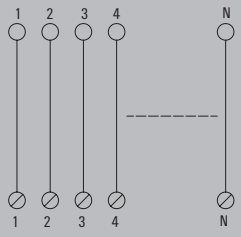
RSF Z



RSF S







Technical data

Connection data		
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651	Plug-in connector in acc. with IEC60603-13 / DIN41651
Type of connection	Tension-clamp connection	Screw connection
Rated data	**CE**	**CE**
Rated voltage	60 V AC / 75 V DC	60 V AC / 75 V DC
Rated current per connection	1 A	1 A
General data	**CE**	**CE**
Ambient temperature (operational)	0...55 °C	0...55 °C
Storage temperature	-40...70 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	100 V	100 V
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV
Dimensions		
Clamping range, min./max.	0.13 mm² / 2.5 mm²	0.5 mm² / 6 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Height / Depth	87 mm / 64 mm	87 mm / 70 mm
Note		

Ordering data

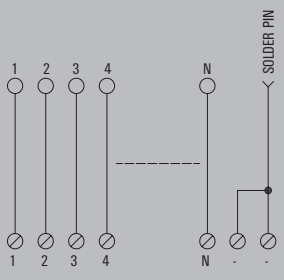
	Type	Width	Order No.	Type	Width	Order No.
10-pole plug	RS F10 Z	50 mm	**8537190000**	RS F10 LP2N 5/10	50 mm	**0224961001**
14-pole plug	RS F14 Z	50 mm	**8537200000**	RS F14 LP2N 5/14	50 mm	**0225061001**
16-pole plug				RS F16 LP2N 5/16	55 mm	**0225161001**
20-pole plug	RS F20 Z	65 mm	**8537110000**	RS F20 LP2N 5/20	65 mm	**0224261001**
26-pole plug	RS F26 Z	80 mm	**8537180000**	RS F26 LP2N 5/26	80 mm	**0224861001**
34-pole plug	RS F34 Z	110 mm	**8537130000**	RS F34 LP2N 5/34	110 mm	**0224361001**
40-pole plug	RS F40 Z	115 mm	**8537140000**	RS F40 LP2N 5/40	115 mm	**0224461001**
50-pole plug	RS F50 Z	145 mm	**8537150000**	RS F50 LP2N 5/50	145 mm	**0224561001**
60-pole plug				RS F60 LP2N 5/60	180 mm	**0224661001**
64-pole plug				RS F64 LP2N 5/64	180 mm	**0224761001**

Note

Accessories

Note	Refer to the "Universal cables PAC-UNIV" section in chapter F	Refer to the "Universal cables PAC-UNIV" section in chapter F

RSF S/ COMPACT



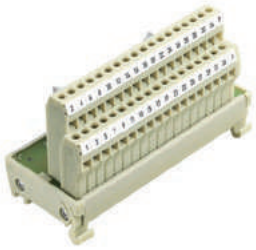
N: Number of poles

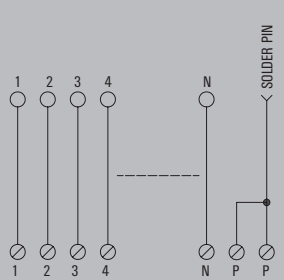
Plug-in connector in acc. with IEC60603-13 / DIN41651	
Screw connection	
CE	
60 V AC / 75 V DC	
1 A	
CE	
0...55 °C	
-40...70 °C	
CE; EAC	
100 V	
II	
2	
0.8 kV	
0.5 mm² / 6 mm²	
TS 35, TS 32	
87 mm / 76 mm	

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**

Refer to the "Universal cables PAC-UNIV" section in chapter F

RSF S/ RS45





N: Number of poles

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 mm² / 1.5 mm²	
TS 35, TS 32	
45 mm / 66 mm	

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**

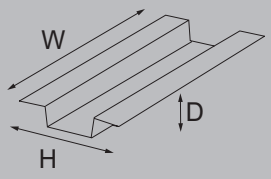
Refer to the "Universal cables PAC-UNIV" section in chapter F

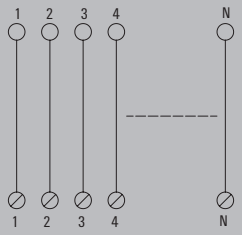
RS SD - Interface for SUB-D connector in accordance with IEC 60807-2 / DIN 41652

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

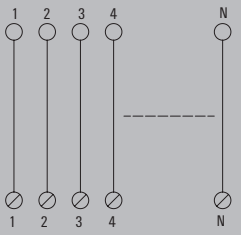
RSSD Z





N: Number of poles

RSSD S



N: Number of poles

Technical data

Connection data		
Connection on control side	D-sub connectors, acc. to IEC 60807 / DIN 41652	D-sub connectors, acc. to IEC 60807 / DIN 41652
Type of connection	Tension-clamp connection	Screw connection
Rated data	**CE**	**CE**
Rated voltage	100 V	100 V
Rated current per connection	1.5 A	1.5 A
General data	**CE**	**CE**
Ambient temperature (operational)	0...55 °C	0...55 °C
Storage temperature	-40...70 °C	-40...70 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	100 V	100 V
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV
Dimensions		
Clamping range, min./max.	0.13 mm² / 2.5 mm²	0.5 mm² / 6 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Height / Depth	87 mm / 64 mm	87 mm / 76 mm
Note		

Ordering data

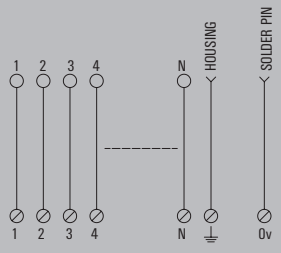
	Type	Width	Order No.	Type	Width	Order No.
9-pole male connector	RS SD9 SZ	45 mm	**8537260000**	RS SD9S UNC 4.40 LP2N	45 mm	**8003901001**
15-pole male connector	RS SD15 SZ	60 mm	**8537390000**	RS SD15S UNC 4.40 LP2N	60 mm	**8005201001**
25-pole male connector	RS SD25 SZ	80 mm	**8537370000**	RS SD25S UNC 4.40 LP2N	80 mm	**8005181001**
37-pole male connector	RS SD37 SZ	110 mm	**8537240000**	RS SD37S UNC 4.40 LP2N	110 mm	**8003881001**
50-pole male connector	RS SD50 SZ	145 mm	**8537350000**	RS SD50S UNC 4.40 LP2N	154 mm	**8005161001**
9-pole female connector	RS SD9 BZ	45 mm	**8537320000**	RS SD9B UNC 4.40 LP2N	45 mm	**8003911001**
15-pole female connector	RS SD15 BZ	60 mm	**8537400000**	RS SD15B UNC 4.40 LP2N	60 mm	**8005211001**
25-pole female connector	RS SD25 BZ	80 mm	**8537380000**	RS SD25B UNC 4.40 LP2N	80 mm	**8005191001**
37-pole female connector	RS SD37 BZ	110 mm	**8537250000**	RS SD37B UNC 4.40 LP2N	110 mm	**8003891001**
50-pole female connector	RS SD50 BZ	87 mm	**8537360000**	RS SD50B UNC 4.40 LP2N	154 mm	**8005171001**

Note

Accessories

Note	Refer to the "Universal cables PAC-UNIV" section in chapter F	Refer to the "Universal cables PAC-UNIV" section in chapter F

RSSD/ COMPACT



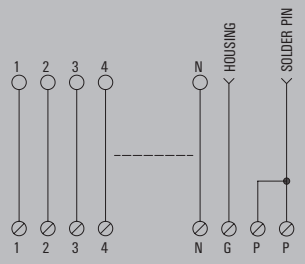
N: Number of poles

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 mm² / 6 mm²
TS 35, TS 32
87 mm / 80 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**

Refer to the "Universal cables PAC-UNIV" section in chapter F

RSSD / RS45



N: Number of poles

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 mm² / 1.5 mm²
TS 35, TS 32
45 mm / 66 mm

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**

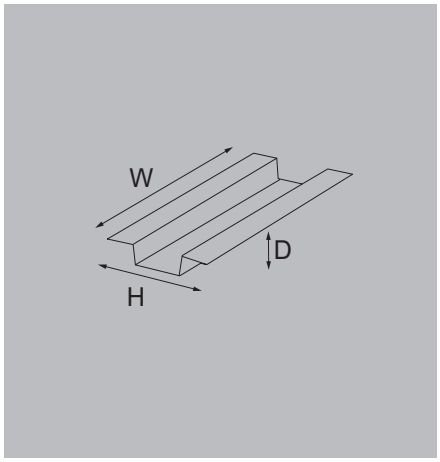
Refer to the "Universal cables PAC-UNIV" section in chapter F

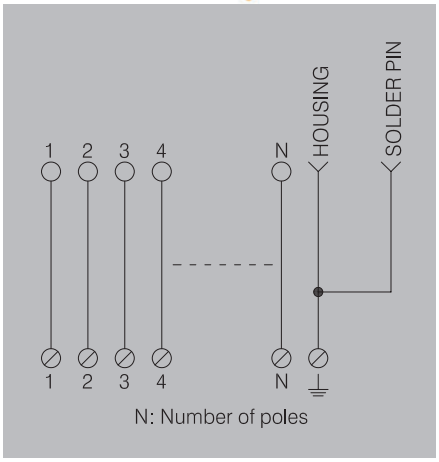
RS SD HD - Interface for connector SUB-D high density

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	High-density SUB-D plug-in connectors
Type of connection	Screw connection
Rated data	**CE**
Rated voltage	125 V AC / 175 V DC
Rated current per connection	1 A
General data	**CE**
Ambient temperature (operational)	-25...50 °C
Storage temperature	-40...60 °C
Approvals	CE; EAC
Insulation coordination (EN50178)	
Rated insulation voltage	125V AC / 175 V DC
Surge voltage category	II
Pollution severity level	2
Pulse voltage test (1,2/50µs)	1.15 kV
Dimensions	
Clamping range, min./max.	0.5 mm² / 6 mm²
Rail	TS 35, TS 32
Height / Depth	70 mm / 71 mm
Note	

Ordering data

	Type	Width	Order No.
15-pole male connector	RS SD15M HD UNC4.40 S	40 mm	**1428080000**
26-pole male connector	RS SD26M HD UNC4.40 S	55 mm	**1428090000**
44-pole male connector	RS SD44M HD UNC4.40 S	95 mm	**1428110000**
62-pole male connector	RS SD62M HD UNC4.40 S	135 mm	**1428120000**
15-pole female connector	RS SD15F HD UNC4.40 S	40 mm	**1428130000**
26-pole female connector	RS SD26F HD UNC4.40 S	55 mm	**1428140000**
44-pole female connector	RS SD44F HD UNC4.40 S	95 mm	**1428150000**
62-pole female connector	RS SD62F HD UNC4.40 S	135 mm	**1428160000**

Note

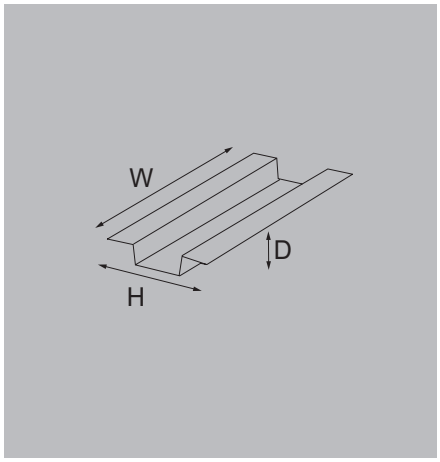
Accessories

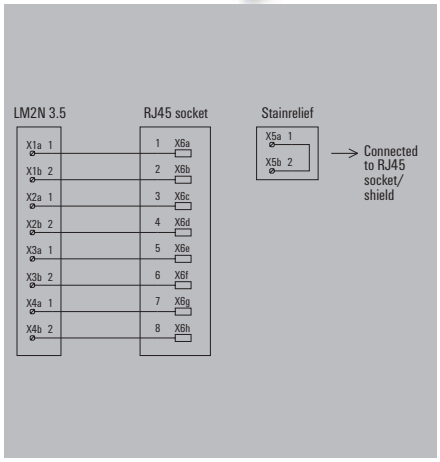
Note	Refer to the "Universal cables PAC-UNIV" section in chapter F

RS RJ45 - Interfaces with RJ45 connector

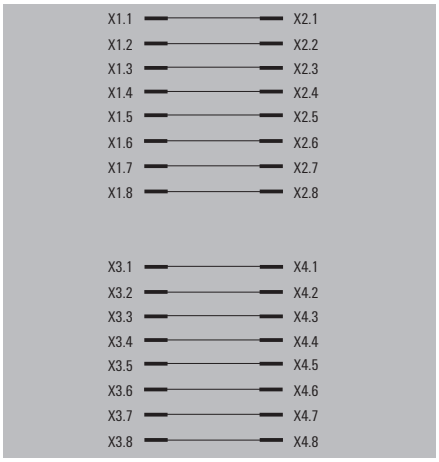
- Interface for the screw connection of communication devices
- Phosphor-bronze connector 6µ AU
- Data rate Cat5 100 Mbit

RS RJ45





RS RJ45 2WAY



Technical data

Connection data		
Connection on control side	RJ45 plug-in connectors	2 x RJ45 connector
Connection (field side)	LM2N 3.5mm	2 x RJ45 plug-in connectors
Rated data	**CE**	**CE**
Rated voltage	50 V	50 V
Rated current per connection	1 A	1 A
General data	**CE**	**CE**
Ambient temperature (operational)	0...55 °C	0...55 °C
Storage temperature	-40...70 °C	-40...70 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 50 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV
Dimensions	**Screw connection**	
Clamping range, min./max.	0.08 mm² / 2.08 mm²	
Rail	TS 35, TS 32	TS 35, TS 32
Height / Depth	70 mm / 48 mm	45 mm / 44 mm
Note	Connect shielding of data line to protective earth at one end	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

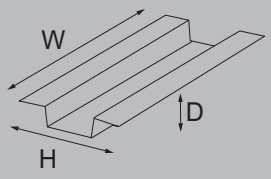
Accessories

Note

RS ELCO - Interface with 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	150 V AC / 200 V DC	150 V AC / 200 V DC
Rated current per connection	1.5 A	0.5 A
General data		
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 150 V AC	< 150 V AC
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	2.5 kV	2.5 kV

Dimensions	Screw connection	Screw connection
Clamping range, min./max.	0.5 mm² / 6 mm²	0.5 mm² / 6 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Height / Depth	70 mm / 60 mm	109 mm / 76 mm
Note	Polarizer in position 1	Polarizer in position 1

Ordering data

	Type	Width	Order No.	Type	Width	Order No.
20-pole right	RS ELCO 20/20RM S	60 mm	1126610000			
20-pole left	RS ELCO 20/20LM S	60 mm	1126630000			
38-pole right	RS ELCO 38/38RM S	105 mm	1126650000			
38-pole left	RS ELCO 38/38LM S	105 mm	1126670000			
56-pole right	RS ELCO 56/32RM S	95 mm	1126690000			
56-pole left	RS ELCO 56/32LM S	95 mm	1126710000			
56-pole right	RS ELCO 56/54RM S	155 mm	1126730000			
56-pole left	RS ELCO 56/54LM S	155 mm	1126750000			
56-pole right	RS ELCO 56/56RM S	155 mm	1126770000			
56-pole left	RS ELCO 56/56LM S	155 mm	1126790000			
90-pole right				RS ELCO 90/90RM S	242 mm	1126810000
90-pole left				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

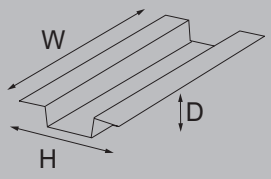
RS ELCO - Interface with female ELCO plug-in connectors

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	CE	CE
Rated voltage	150 V AC / 200 V DC	150 V AC / 200 V DC
Rated current per connection	1.5 A	5 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE	CE
Insulation coordination (EN50178)		
Rated insulation voltage	< 150 V AC	< 150 V AC
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	2.5 kV	2.5 kV

Dimensions		
Clamping range, min./max.	0.13 mm² / 6 mm²	0.5 mm² / 6 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Height / Depth	70 mm / 60 mm	70 mm / 60 mm
Note	Polariser in position 1	Polariser in position 1

Ordering data

	Type	Width	Order No.	Type	Width	Order No.
20-pole right	RS ELCOF 20/20RM S	60 mm	**1480740000**			
20-pole left	RS ELCOF 20/20LM S	60 mm	**1480750000**			
38-pole right	RS ELCOF 38/38RM S	105 mm	**1480760000**			
38-pole left	RS ELCOF 38/38LM S	105 mm	**1480770000**			
56-pole right				RS ELCOF 56/56RM S	155 mm	**1480780000**
56-pole left				RS ELCOF 56/56LM S	155 mm	**1480790000**

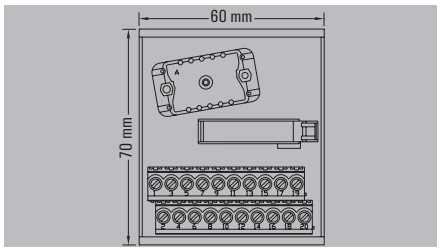
Note		

Accessories

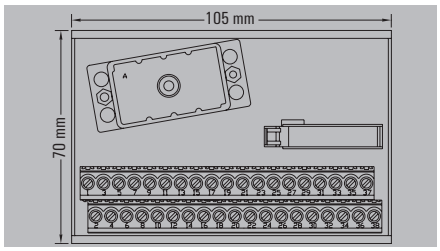
Note	Refer to the "PAC-ELCO universal cables" section in this chapter	Refer to the "PAC-ELCO universal cables" section in this chapter

RS ELCO - Interface with ELCO plug-in connectors

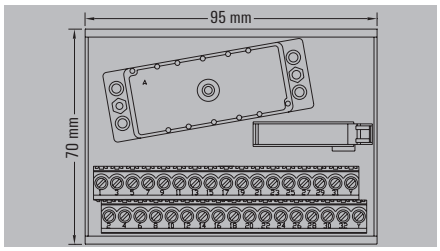
RS ELCO male connector: Dimensional Drawings



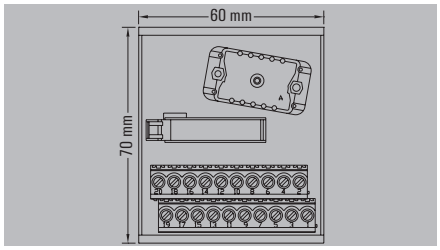
ELCO 20/20L LEFT



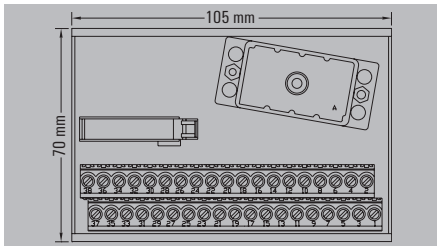
ELCO 38/38L LEFT



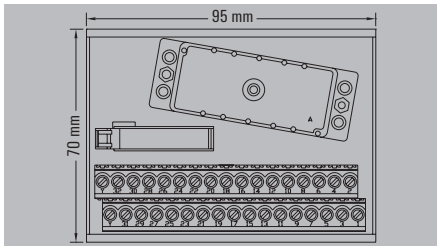
ELCO 56/32L LEFT



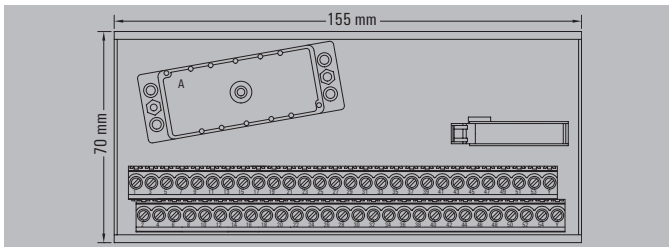
ELCO 20/20R RIGHT



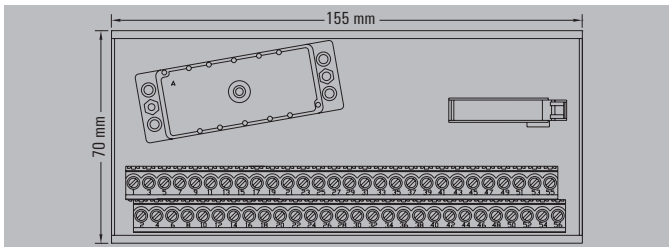
ELCO 38/38R RIGHT



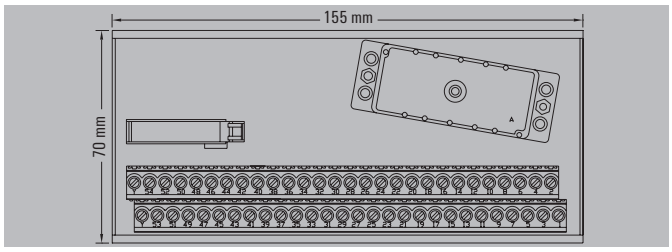
ELCO 56/32R RIGHT



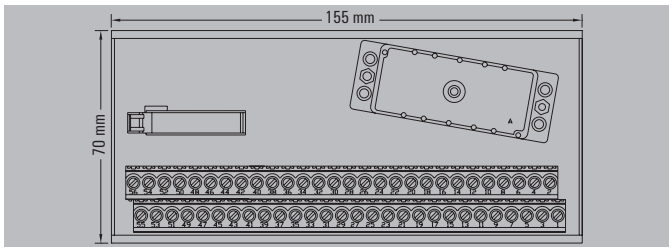
ELCO 56/54L LEFT



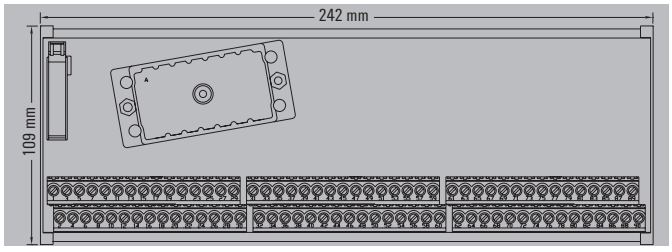
ELCO 56/56L LEFT



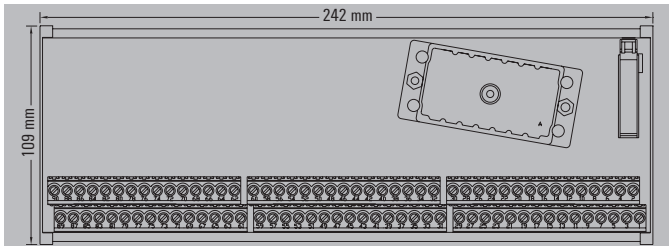
ELCO 56/54R RIGHT



ELCO 56/56R RIGHT

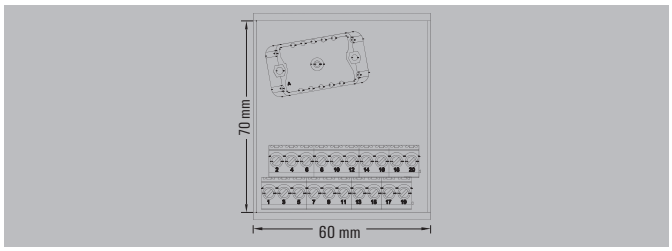


ELCO 90/90L LEFT

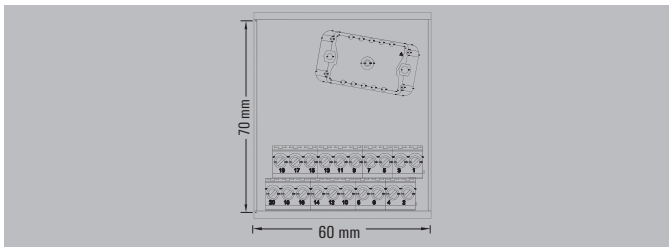


ELCO 90/90R RIGHT

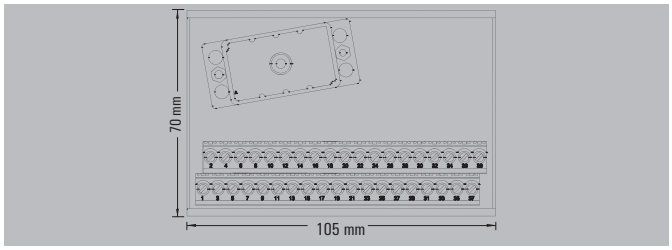
RS ELCOF female connector: Dimensional Drawings



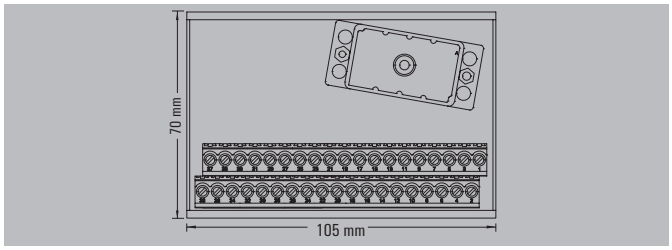
RS ELCOF 20/20LM S



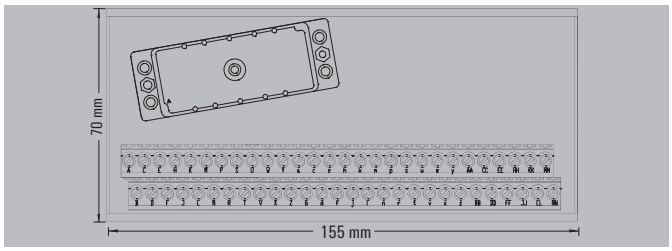
RS ELCOF 20/20RM S



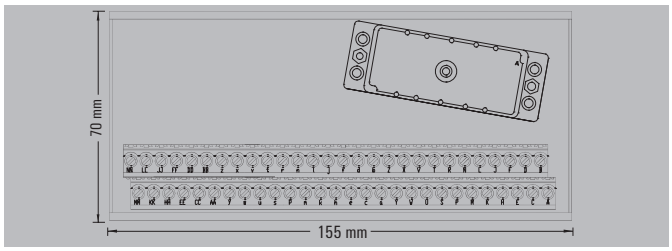
RS ELCOF 38/38LM S



RS ELCOF 38/38RM S



RS ELCOF 56/56LM S



RS ELCOF 56/56RM S

Pin assignement

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	

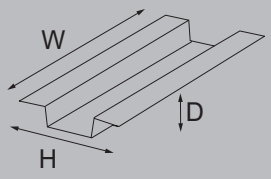
ELCO connector 56-pole	RS ELCO 56/32RM S RS ELCO 56/32LM S	RS ELCO 56/54RM S RS ELCO 56/54LM S	RS ELCO 56/56RM S RS ELCO 56/56LM S RS ELCOF 56/56RM S RS ELCOF 56/56LM S
A	1	1	1
B	2	2	2
C	3	3	3
D	4	4	4
E	5	5	5
F	6	6	6
H	7	7	7
J	8	8	8
K	9	9	9
L	10	10	10
M	11	11	11
N	12	12	12
P	13	13	13
R	14	14	14
S	15	15	15
T	16	16	16
U	17	17	17
V	18	18	18
W	19	19	19
X	20	20	20
Y	Y	Y,Y	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			

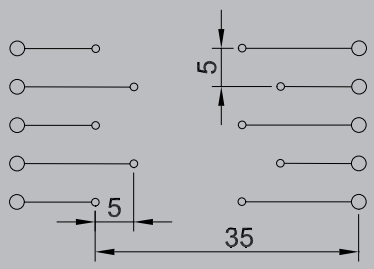
ELCO connector 90-pole	RS ELCO 90/90RM S RS ELCO 90/90LM S
A	1
B	2
C	3
D	4
E	5
F	6
H	7
J	8
K	9
L	10
M	11
N	12
P	13
R	14
S	15
T	16
U	17
V	18
W	19
X	20
Y	21
Z	22
AA	23
AB	24
AC	25
AD	26
AE	27
AF	28
AH	29
AJ	30
AK	31
AL	32
AM	33
AN	34
AP	35
AR	36
AS	37
AT	38
AU	39
AV	40
AW	41
AX	42
AY	43
AZ	44
BA	45
BB	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	CE
Rated control voltage	250 V
Total operating current	5 A
General data	**CE**
Ambient temperature, min.	-25...50 °C
Storage temperature	-40...60 °C
Approvals	CE
Insulation coordination (EN50178)	
Rated insulation voltage	< 250 V AC
Surge voltage category	II

Dimensions	
Clamping range, min./max.	0.5 mm² / 6 mm²
Rail	TS 32, TS 35
Height / Depth	70 mm / 42 mm
Note	

Ordering data

Type	Width	Order No.
RSX LOETST. LP	35 mm	0329761001

Note	

Accessories

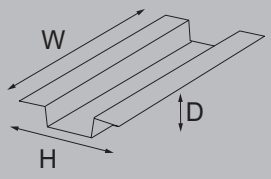
Note	

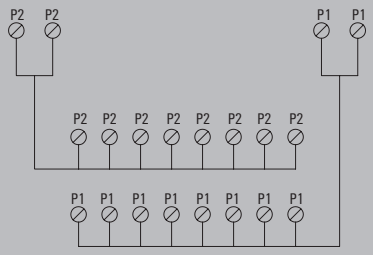
RS VERT - Supply voltage distributor modules

RS VERT - 2 potentials

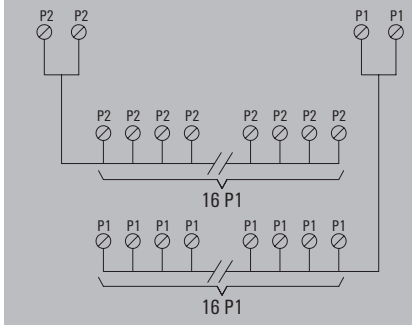
- Distribution module with 2, 4 or 6 potentials
- Distribution current from 10 to 120 A
- Screw or tension clamp connection

RS VERT 2P/ 8P1-8P2 S





RS VERT 2P/ 16P1-16P2 S



Technical data

Rated data		
Operating voltage	max. 30 V	max. 30 V
Maximum current per distributor connection	5 A	5 A
Maximum current per potential connection	5 A	5 A
Total operating current	10 A	10 A
General data		
Ambient temperature (operational)	0...55 °C	0...55 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 50 V AC	< 50 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	0.8 kV	0.8 kV

Dimensions	Screw connection	Screw connection
Clamping range, min./max.	0.15 mm² / 1.5 mm²	0.15 mm² / 1.5 mm²
Clamping range, min./max.	0.15 mm² / 1.5 mm²	0.15 mm² / 1.5 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	52 mm / 45 mm	93 mm / 45 mm
Note	The module may be used for a nominal voltage of 250 V AC, considering an overvoltage category of II	The module may be used for a nominal voltage of 250 V AC, considering an overvoltage category of II

Ordering data

	Type	Depth	Order No.
Screw connection	RS VERT8 LPK2	64 mm	**8252010000**

	Type	Depth	Order No.
	RS VERT16 LPK2	64 mm	**8234620000**

Note		

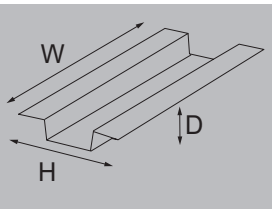
Accessories

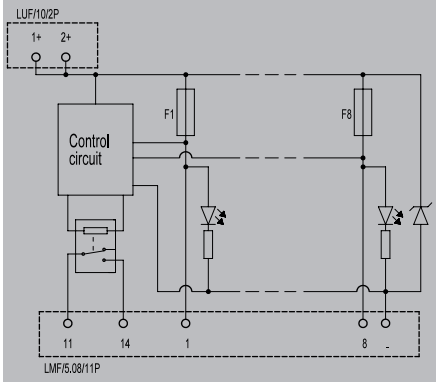
Note		

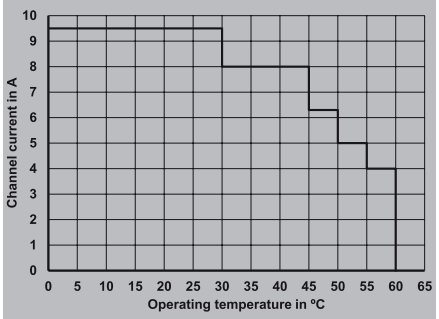
RS VERT - 2 potentials

- 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 (resitive) 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 mm²
Wire cross-section min./max. AWG	AWG 12...AWG 24
Type of connection	PUSH IN
Connection supply	
Clamping range, min./max.	0.5...16 mm²
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

Dimensions	Screw connection
Clamping range, min./max.	2.5 mm² / 0.12 mm²
Clamping range, min./max.	0.5 mm² / 16 mm²
Rail	TS 32, TS 35
Height / Width	78.2 mm / 108.2 mm
Note	

Ordering data

	Type	Depth	Order No.
Screw connection	RS VERT 8P 24VDC Z UL V1	102 mm	2727410000

Note	

Accessories

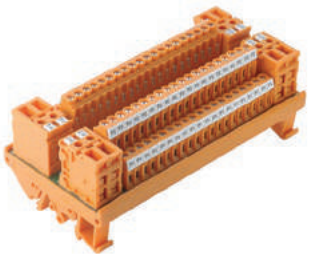
Note	*Fuses not included in the module. Ordering data: (FUSE 5X20 250V Type F): 2780640000 - 4 A; 2780730000 - 5 A; 2780740000 - 6.3 A; 2780750000 - 8 A; 2780760000 - 10 A

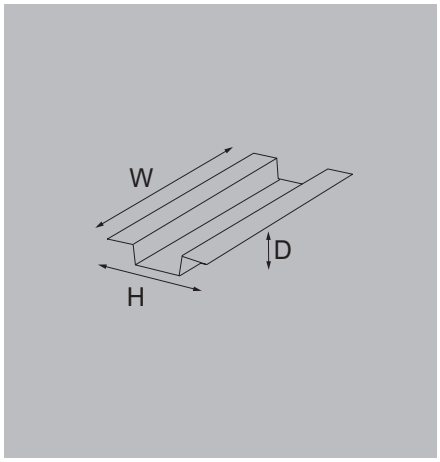
RS VERT - Supply voltage distributor modules

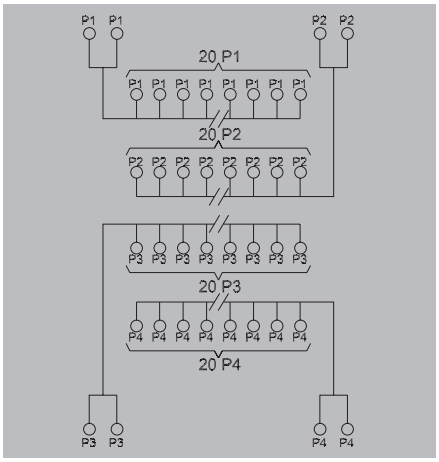
RS VERT - 4 and 6 potentials

- Distribution module with 4 or 6 potentials
- Distribution current from 10 to 120 A
- Screw or tension clamp connection

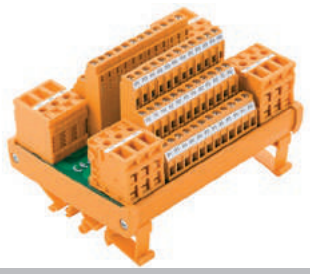
RS VERT 4P/4X20P S/Z

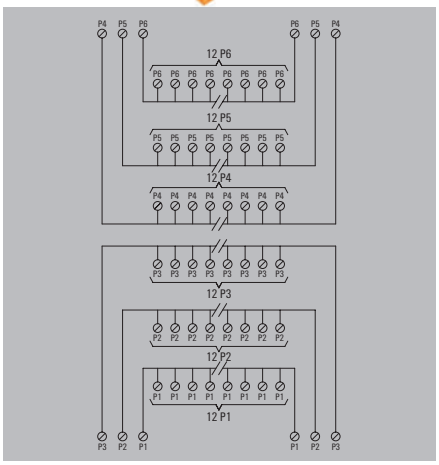






RS VERT 6P/6X12P S/Z





Technical data

Rated data	CE	CE
Operating voltage	< 600 V AC	250 V AC
Maximum current per distributor connection	15 A	15 A
Maximum current per potential connection	30 A	20 A
Total operating current	120 A	120 A
General data	**CE**	**CE**
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination (EN50178)		
Rated insulation voltage	< 600 V AC	< 300 V AC
Surge voltage category	III	III
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	6 kV	4 kV

Dimensions	Screw connection	Tension clamp conn.	Screw connection	Tension clamp conn.
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²	0.13 mm² / 6 mm²	0.13 mm² / 2.5 mm²
Clamping range, min./max.	0.13 mm² / 6 mm²	0.13 mm² / 6 mm²	0.13 mm² / 6 mm²	0.13 mm² / 6 mm²
Rail	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32	TS 35, TS 32
Width / Height	145 mm / 70 mm	145 mm / 70 mm	122 mm / 87 mm	122 mm / 87 mm
Note				

Ordering data

	Type	Depth	Order No.	Type	Depth	Order No.
Screw connection	RS VERT 4P 20X4 S	55 mm	**1128100000**	RS VERT 6P 12X6 S	83 mm	**1128120000**
Tension-clamp connection	RS VERT 4P 20X4 Z	52 mm	**1128110000**	RS VERT 6P 12X6 Z	75 mm	**1128130000**

Note

Accessories

Note

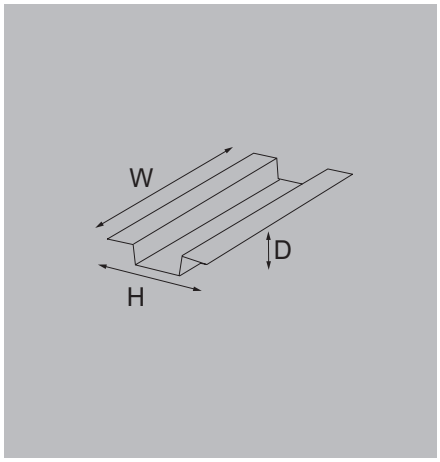
RSD - interfaces with diodes

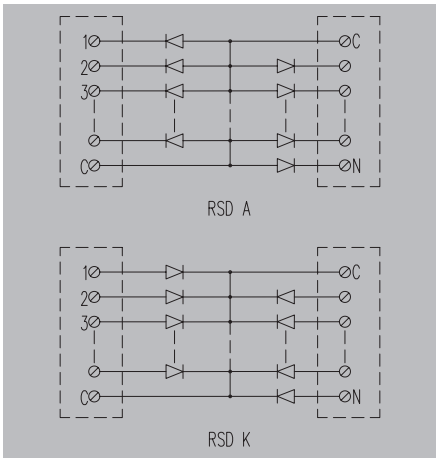
Diode bases for current peak protection, lamp tests or preventing reverse polarity.

- Diode 1N4007
- Mounting on TS32/35

RSD A / RSD K

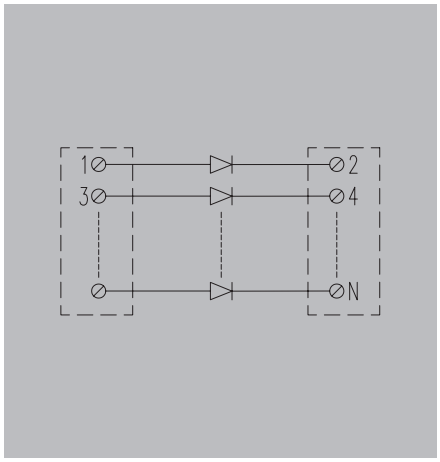
Common anode or cathode





RSD

Independent diodes



Technical data

Rated data	CE	CE
Operating voltage	230 V	230 V
Rated current per connection	1 A	1 A
General data	**CE**	**CE**
Ambient temperature (operational)	0...55 °C	0...55 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE; EAC	CE; EAC
Insulation coordination		
Rated insulation voltage	230 V	230 V
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	2 kV	2 kV

Dimensions		
Clamping range, min./max.	0.5 mm² / 6 mm²	0.5 mm² / 6 mm²
Rail	TS 35, TS 32	TS 35, TS 32
Height / Depth	70 mm / 42 mm	70 mm / 42 mm
Note		

Ordering data

	Type	Width	Order No.	Type	Width	Order No.
10 independent diodes				RSD 10 LP/LP	60 mm	**8022901001**
12 independent diodes				RSD 12 LP/LP	65 mm	**0181461001**
20 independent diodes				RSD 20 LP/LP	120 mm	**8022911001**
40 independent diodes				RSD 40 LP/LP	220 mm	**8022921001**
5 A diodes (shared plus pole)	RSD A5 LP/LP	20 mm	**1312740000**			
5 K diodes (shared negative pole)	RSD K5 LP/LP	20 mm	**1312750000**			
10 A diodes (shared plus pole)	RSD A10 LP/LP	35 mm	**1312760000**			
10 K diodes (shared negative pole)	RSD K10 LP/LP	35 mm	**1312770000**			
20 A diodes (shared plus pole)	RSD A20 LP/LP	60 mm	**1312780000**			
20 K diodes (shared negative pole)	RSD K20 LP/LP	60 mm	**1312790000**			
22 A diodes (shared plus pole)	RSD A22 LP/LP	65 mm	**0180961001**			
22 K diodes (shared negative pole)	RSD K22 LP/LP	65 mm	**0181061001**			
Note						

Accessories

Note		

Isolated Interfaces and solutions for general applications

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.

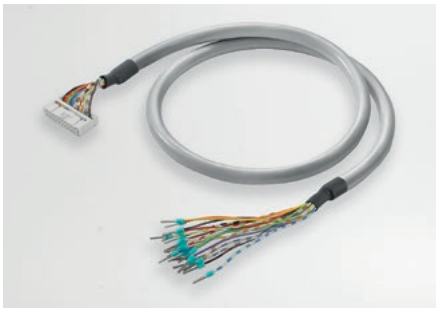
A growing number of applications require dense wiring to be connected in a very small space, in a very short time. Our RSM relay modules form interfaces with 4, 8 or 16 electromechanical and/or solid-state relays.

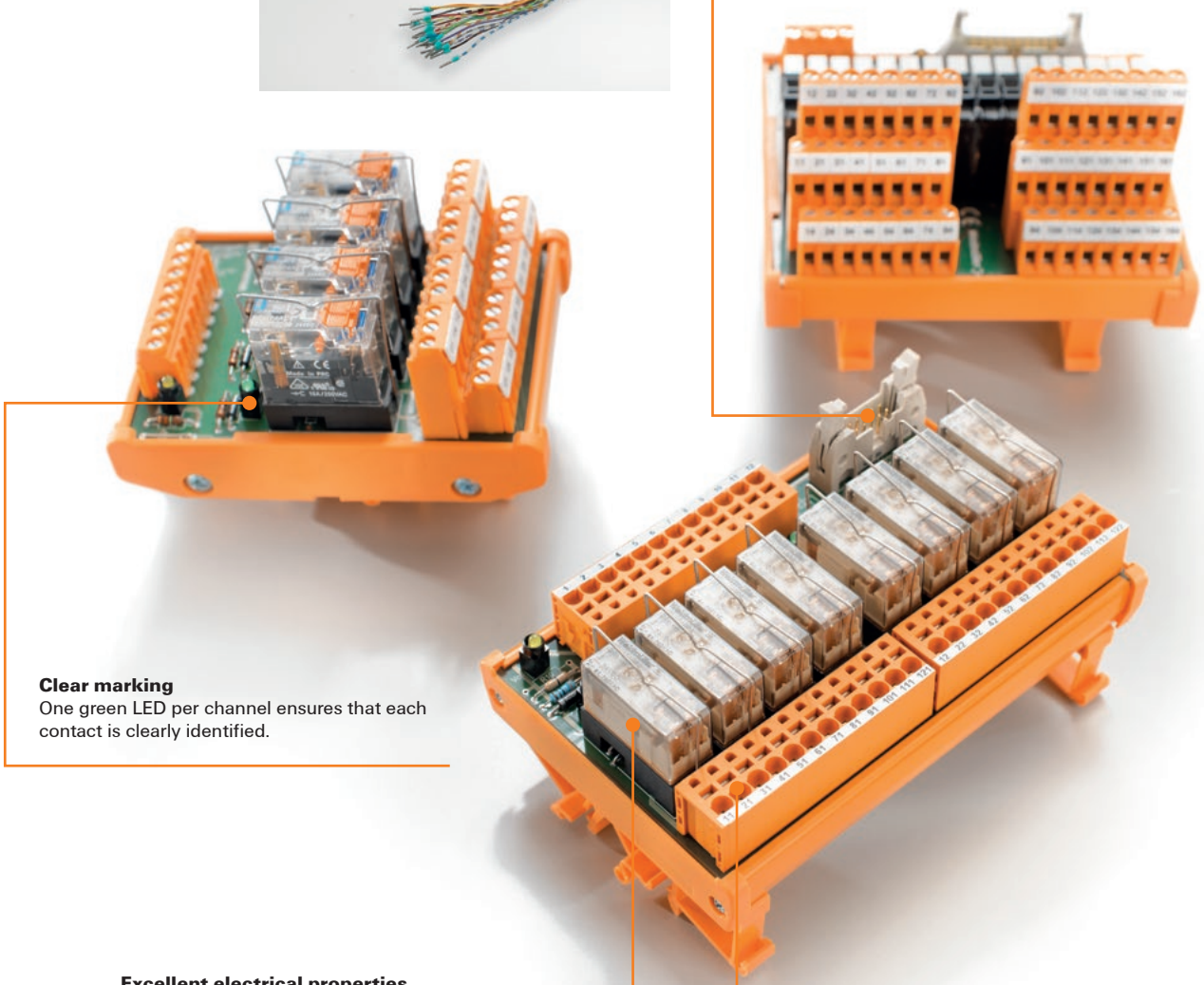
Our RSM modules are extremely compact. For quick wiring, the DC variants come with a shared positive or negative potential. An optional IEC 603-13 plug-in connector allows pre-assembled lines to be connected.

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.

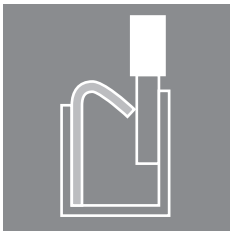




Clear marking
One green LED per channel ensures that each contact is clearly identified.

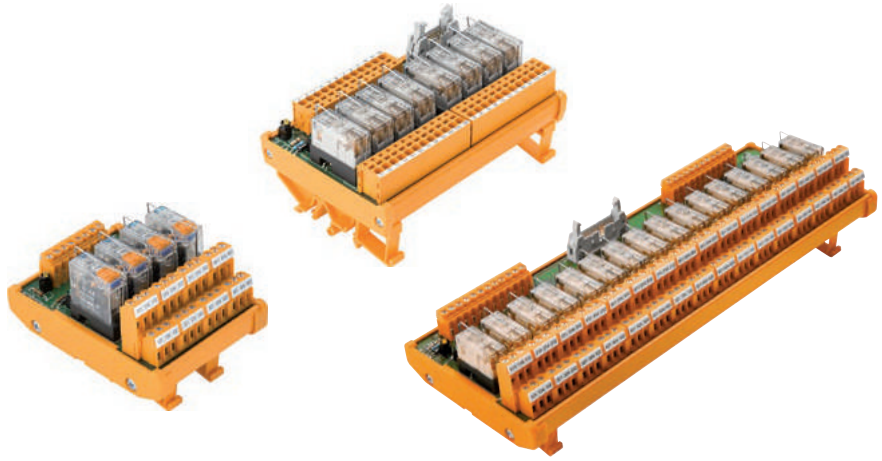
Excellent electrical properties
Galvanic isolation with electromechanical or solid-state relay allows the voltage of the controller to be adjusted to that of the field elements (e.g. sensors).

PUSH IN connection for 1 changeover version



RSM 1CO/2CO – Relay interface
1 or 2 changeover

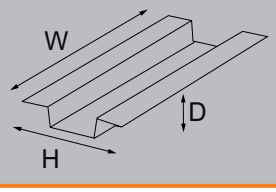
- Interface from 4 to 16 electromechanical relays
- 1 or 2 changeover
- Positive or negative switching or AC
- With optional test button with latching function (RCI relays)
- Empty boards available (BASE)
- Flat-connector avaliable to make easy the connection to PLC'S
- Compatible with solid-state relays
- Screw and "PUSH IN" for 1 changeover
- Screw and tension clamp for 2 changeover



General technical data

General features		1 changeover		2 changeover	
Relay		RCL (standard) / RCI (test button)		RCL (standard) / RCI (test button)	
LED status display per channel		Green		Green	
LED status of the supply voltage		Yellow		Yellow	
Nominal output data		**CE**		**CE**	
Contact material		AgNi 90/10		AgNi 90/10	
Operative voltage		250 V AC		250 V AC	
Max. AC continuous current		6 A		5 A	
Minimum contact current		100 mA		100 mA	
Minimum contact voltage		5 V DC		5 V DC	
Mechanical service life (dc coil)		30×10^6 / 10×10^6 (RCI) switchings		30×10^6 / 10×10^6 (RCI) switchings	
Mechanical service life (ac coil)		10×10^6 / 5×10^6 (RCI) switching cycles		5×10^6 switching cycles	
Operating temperature		-25...+50 °C		-25...+50 °C	
Storage temperature		-40...+60 °C		-40...+60 °C	
Approvals		CE, EAC		CE, EAC	
Insulation coordination (EN 50178)					
Rated input insulation voltage		< 50 V AC		< 50 V AC	
Rated output insulation voltage		250 V AC		250 V AC	
Overvoltage category input/output		III		III	
Overvoltage category input/output		II		III	
Pollution severity level		2		2	
Impulse voltage test (1.2/50µs)		6 kV		6 kV	
Insulation test voltage		1.2 kV AC		1.2 kV AC	
Clearance input/output		≥ 5.5 mm		≥ 5.5 mm	
Dimensions		**Screw connection**	**PUSH IN**	**Screw connection**	**Tension clamp**
Clamping range, min. [Field]/ Clamping range, max. [Field]		0.13 mm^2/ 6 mm^2	0.12 mm^2/ 2.5 mm^2	0.13 mm^2/ 6 mm^2	0.13 mm^2/ 2.5 mm^2
Clamping range, min. [supply]/Clamping range, max. [supply]		0.13 mm^2/ 6 mm^2	0.12 mm^2/ 2.5 mm^2	0.13 mm^2/ 6 mm^2	0.13 mm^2/ 2.5 mm^2
Mounting rail		TS 32 / TS 35	TS 32 / TS 35	TS 32 / TS 35	TS 32 / TS 35
Height / Depth	mm	87 x 66	87 x 66	109 x 71	109 x 66
Height / Depth (RCI)	mm	87 x 77	87 x 77	109 x 75	109 x 75
Height / Depth (BASE)	mm	87 x 53	87 x 51		

Note

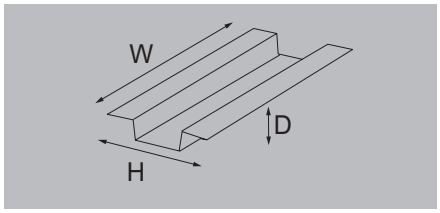


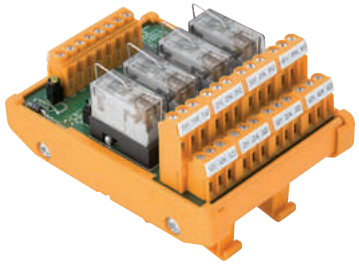
Electromechanical relays:
12 V DC: Spare relay RCL314012 8693240000;
24 V DC: Spare relay RCL314024 8693260000;
24 V AC/DC: Spare relay relay RCL314024 8693260000;
48 V DC: Spare relay RCL31404 8693380000;
115 V AC/DC: Spare relay RT314110 4058500000;
230 V AC: Spare relay RCL314730 8693320000.
Solid-state 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

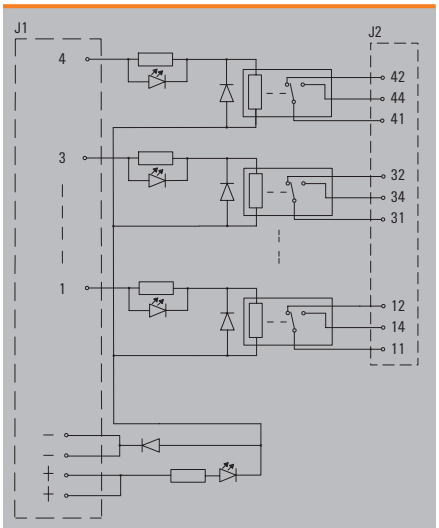
Electromechanical relays:
12 V DC: Spare relay RCL424012 4058560000;
24 V DC: Spare relay RCL424024 4058570000;
24 V AC/DC: Spare relay RCL424024 4058570000;
48 V DC: Spare relay RCL424048 4058750000;
115 V AC/DC: Spare relay RCL424110 4058590000;
230 V AC: Spare relay RCL424730 4058630000;
RCI relay:
Spare relay RCI484024 8870030000

RSM multiple relay modules – Interfaces with 12,5 mm relays (RCL)

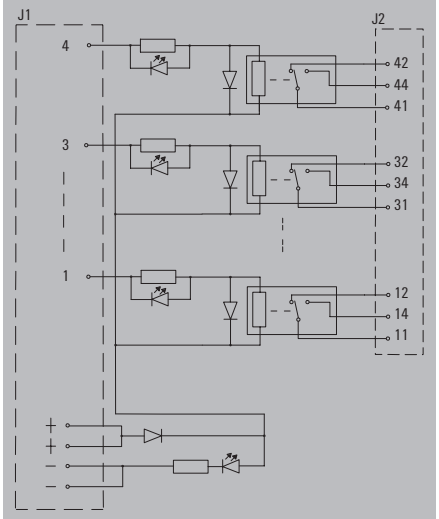
4 Relays – Screw/PUSH IN/Tension clamp







RSM-4 12 V+/24 V+/48 V+ 1CO
RSM-4I 24 V+
RSM-4 24 V+ BASE



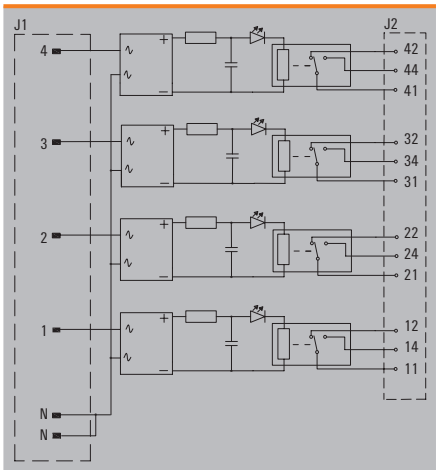
RSM-4 12 V-/24 V-/48 V- 1CO

Technical data

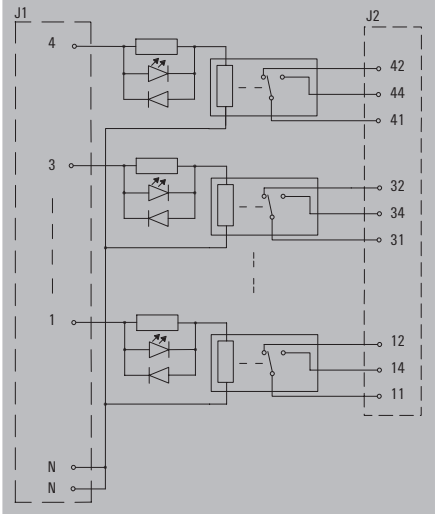
Connection control side	Screw/Tension clamp/PUSH IN
Connection field side (1CO)	Screw/PUSH IN
Connection field side (2CO)	Screw/Tension clamp
Width	69 mm (1CO) / 75 mm (2CO)
12 V DC	
Operating voltage	12 V DC ±10 %
Rated current (dc)	33 mA
Free wheel diode	Yes
24 V DC	
Operating voltage	24 V DC ±10 %
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	

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					

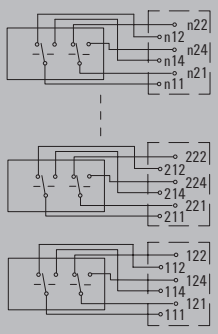


RSM-4 24 V AC/DC 1CO
RSM-4 115 V AC/DC 1CO

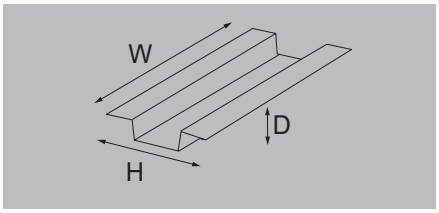


RSM-4 230 V AC 1CO

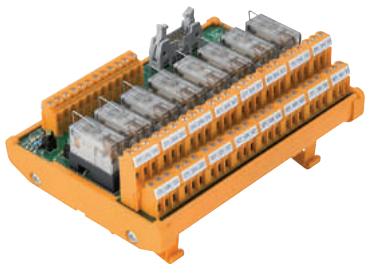
Note: Contact configuration for 2 changeover versions (2CO)

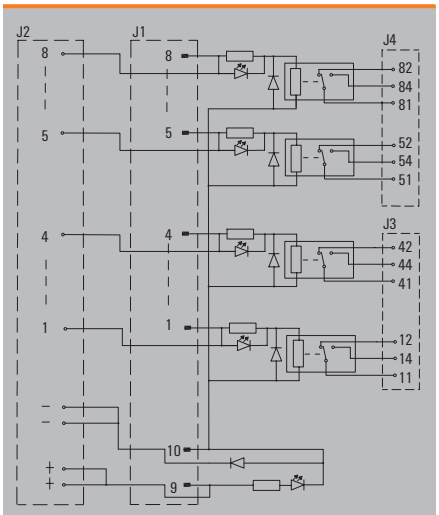


RSM multiple relay modules – Interfaces with 12,5 mm relays (RCL)

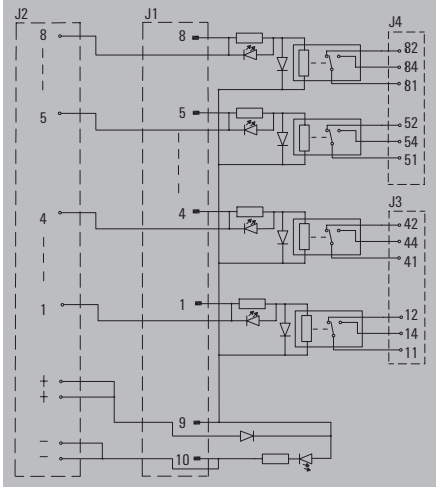


8 Relays – Screw/PUSH IN/Tension clamp





RSM-8 12 V+/24 V+/48 V+ 1CO
RSM-8I 24 V+
RSM-8 24 V+ BASE



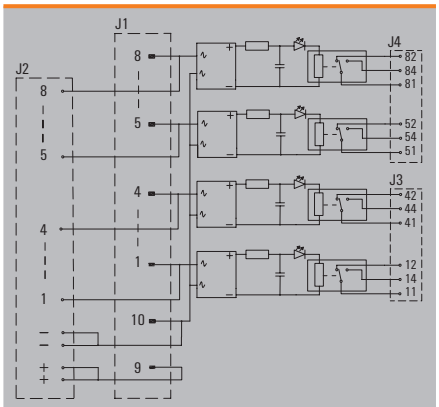
RSM-8 12 V-/24 V-/48 V- 1CO

Technical data

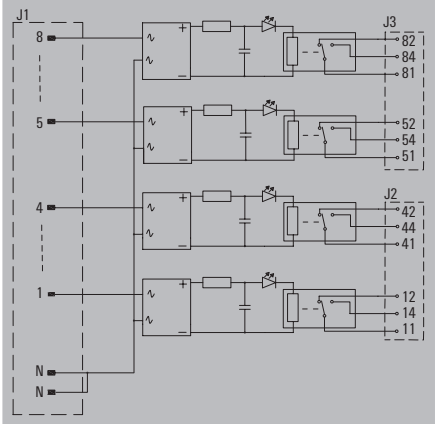
Connection control side	Flat connector[1] 10 poles + Screw/Tension clamp/PUSH IN
Connection field side (1CO)	Screw/PUSH IN
Connection field side (2CO)	Screw/Tension clamp
Width	130 mm (1CO) / 149 mm (2CO)
12 V DC	
Operating voltage	12 V DC ±10 %
Rated current (dc)	33 mA
Free wheel diode	Yes
24 V DC	
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

Ordering data

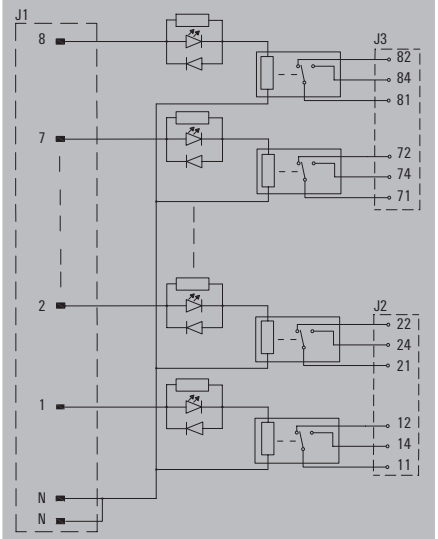
12 V DC	Type	Screw (S) 1CO	PUSH IN (Z) 1CO	Screw (S) 2CO	Tension clamp (Z) 2CO
12 V DC positive switching (negative common)	RSM-8 12V+	1447820000	1447840000	1448890000	1448910000
12 V DC negative switching (positive common)	RSM-8 12V-	1447830000	1447850000	1448900000	1448920000
24 V DC					
24 V DC positive 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-8I 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

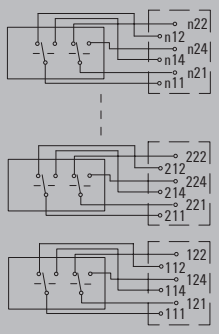


RSM-8 115 V AC/DC 1CO

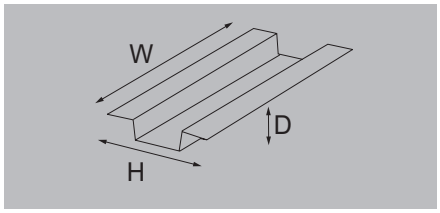


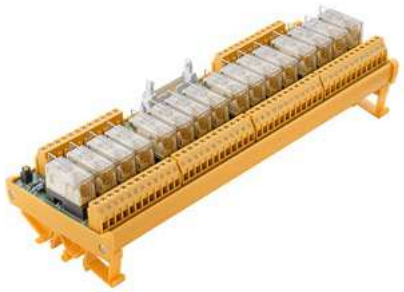
RSM-8 230 V AC 1CO

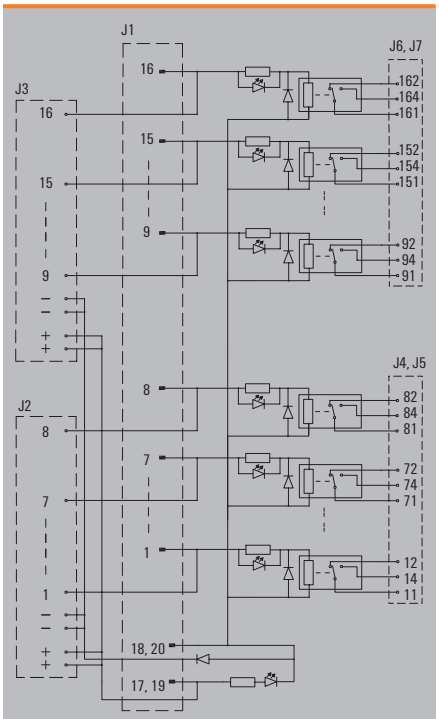
Note: Contact configuration for 2 changeover versions (2CO)



16 Relays – Screw/PUSH IN/Tension clamp







RSM-16 12 V+/24 V+/48 V+ 1CO
RSM-16I 12 V+/24 V+/48 V+ 1CO
RSM-16 24 V+ BASE

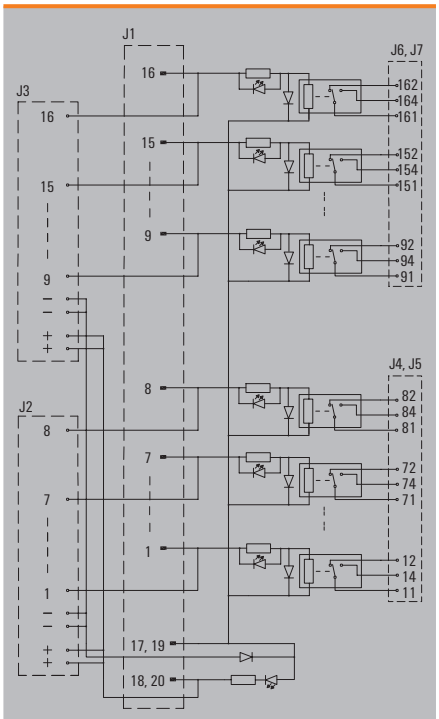
Technical data

Connection control side	Flat connector[1] 20 poles + Screw/Tension clamp/PUSH IN
Connection field side (1CO)	Screw/PUSH IN
Connection field side (2CO)	Screw/Tension clamp
Width	259 mm (1CO) / 290 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

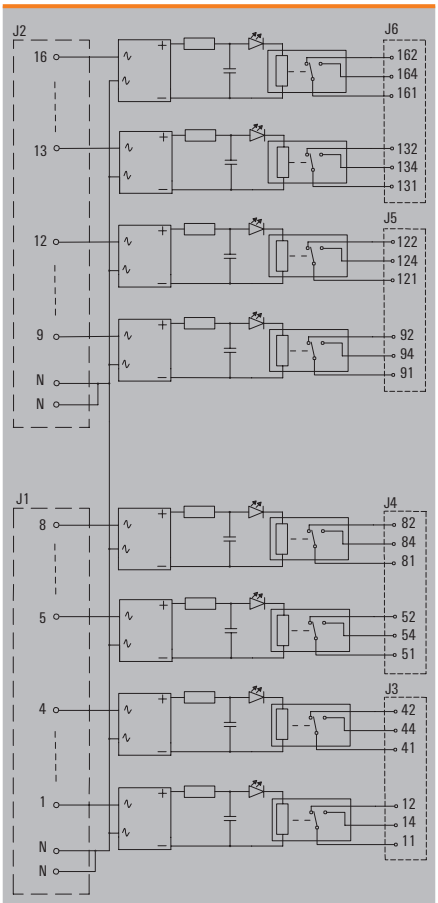
Note	1) Flat connector not mounted in 115 V AC/DC and 230 V AC

Ordering data

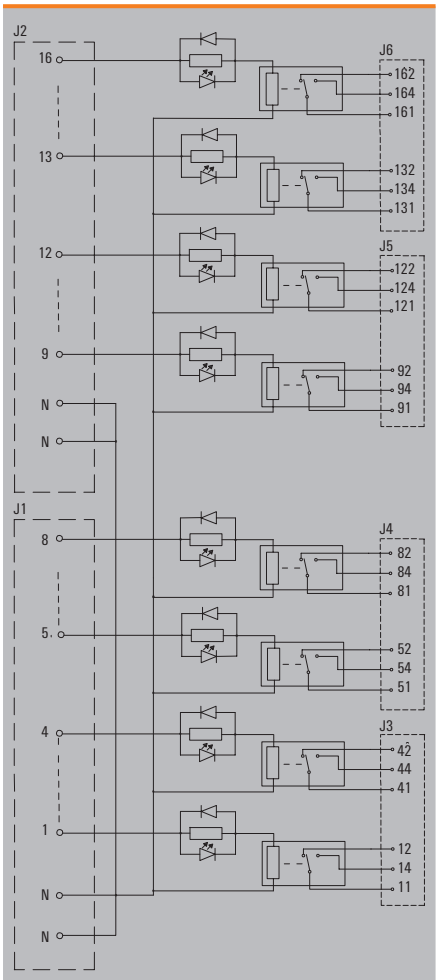
12 V DC	**Type**	**Screw (S) 1CO**	**PUSH IN (Z) 1CO**	**Screw (S) 2CO**	**Tension clamp (Z) 2CO**
12 V DC positive switching (negative common)	RSM-16 12V+	**1448230000**	**1448250000**	**1449170000**	**1449190000**
12 V DC negative switching (positive common)	RSM-16 12V-	**1448240000**	**1448270000**	**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	RSM16-I 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**



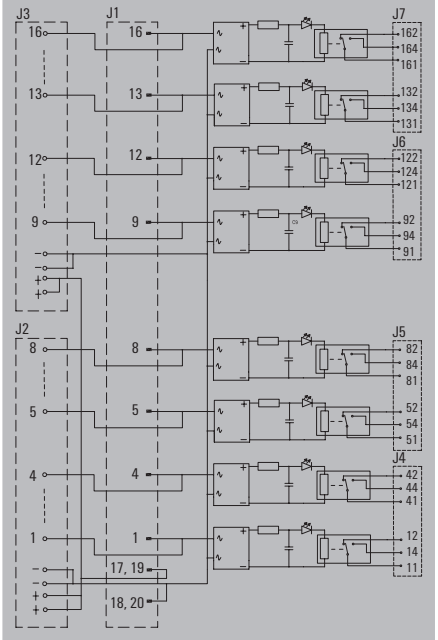
RSM-16 12 V-/24 V-/48 V- 1CO



RSM-16 115 V AC/DC 1CO

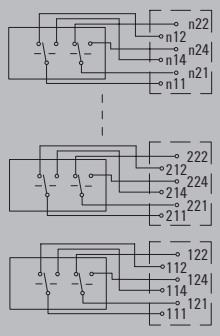


RSM-16 230 V AC 1CO



RSM-16 24 V AC/DC 1CO

Note: Contact configuration for 2 changeover versions (2CO)



RSMS 1CO – Relay interface
1 changeover

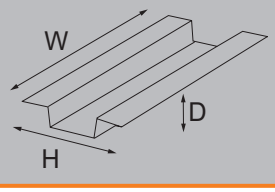
- Interface from 8 to 16 electromechanical relays
- 1 changeover
- Positive or negative switching or ac/dc
- Flat-connector avaliable to make easy the connection to PLC'S
- Compatible with solid-state relays
- With optional gold contact relay
- Screw and tension clamp

General technical data

General features	
Relay	RSS relay
LED status display per channel	Green
LED status of the supply voltage	Yellow
Nominal output data	
Contact material	AgNi 90/10 / AgNi 5µAu
Operative voltage	250 V AC
Max. AC continuous current	4.5 A
Minimum contact current standard / Gold	100 mA / 1 mA
Minimum contact voltage standard / Gold	5 V / 1 V
Mechanical service life (dc coil)	5 x 10^6 Switching cycles
Operating temperature	-25...+50 °C
Storage temperature	-40...+60 °C
Insulation coordination (EN 50178)	
Rated input insulation voltage	< 50 V AC
Rated output insulation voltage	250 V AC
Overvoltage category input/output	III
Overvoltage category output/input	II
Pollution severity level	2
Impulse voltage test (1.2/50µs)	6 kV
Insulation test voltage	1.2 kV AC
Clearance input/output	≥ 5.5 mm

Dimensions	Screw connection	Tension clamp
Clamping range, min. [Field]/ Clamping range, max. [Field]	0.13 mm^2/ 6 mm^2	0.13 mm^2/ 2.5 mm^2
Clamping range, min. [supply]/Clamping range, max. [supply]	0.13 mm^2/ 6 mm^2	0.2 mm^2/ 2.5 mm^2
Mounting rail	TS 32 / TS 35	TS 32 / TS 35
Height / Depth mm	109 x 85	109 x 76

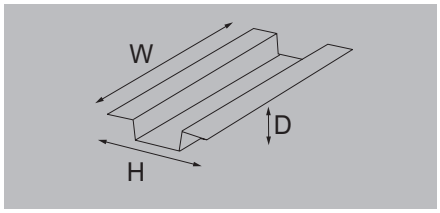
Note



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

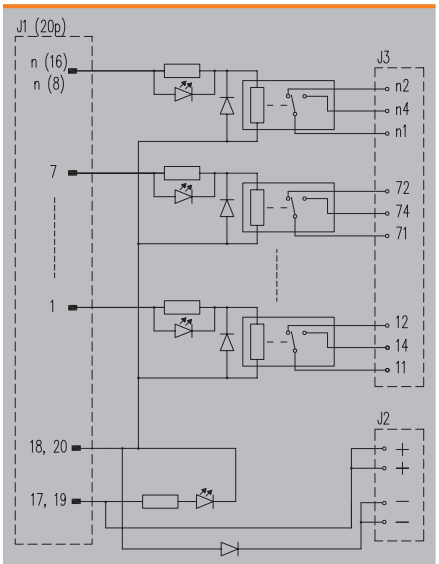


Technical data

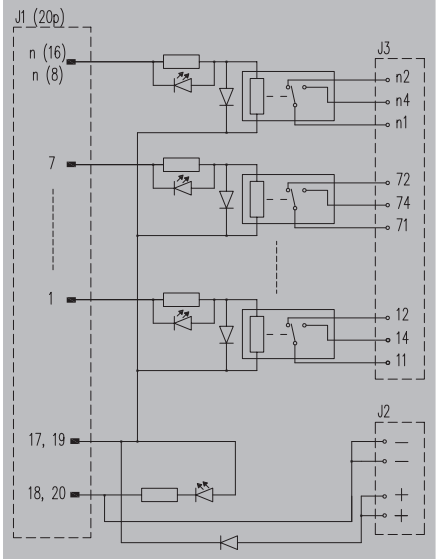
Connection control side	Flat connector 20 poles
Conection field side	Screw/Tension clamp
Width (RSM-8 / RSM-16)	61 / 112 mm
24 V DC	
Operating voltage	24 V DC ±10 %
Rated current (dc)	7.1 mA
Free wheel diode	Yes
Note	

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+ 1CO	**1456540000**	**1456570000**
	24 V DC negative switching (positive common) with flat connector	RSMS-8H 24V- 1CO	**1456550000**	**1456580000**
16 Relays	24 V DC positive switching (negative common) with flat connector	RSMS-16H 24V+ 1CO	**1457300000**	**1457320000**
	24 V DC negative switching (positive common) with flat connector	RSMS-16H 24V- 1CO	**1457310000**	**1457330000**
Note				

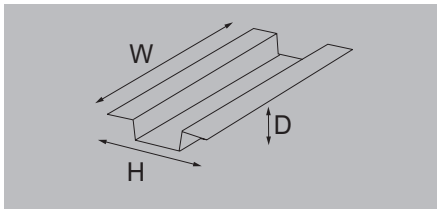


RSMS-8H 24 V+ 1CO
RSMS-16H 24 V+ 1CO



RSMS-8H 24 V- 1CO
RSMS-16H 24 V- 1CO

8-16 Relays – Screw/Tension clamp connection

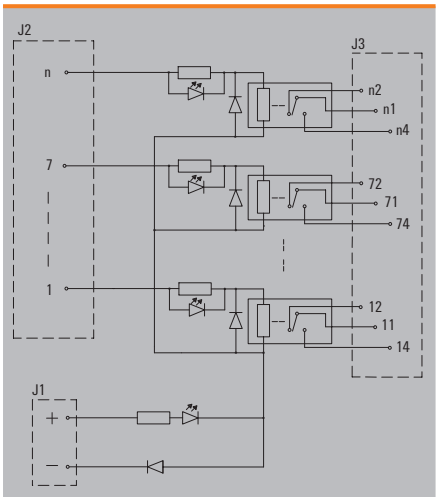


Technical data

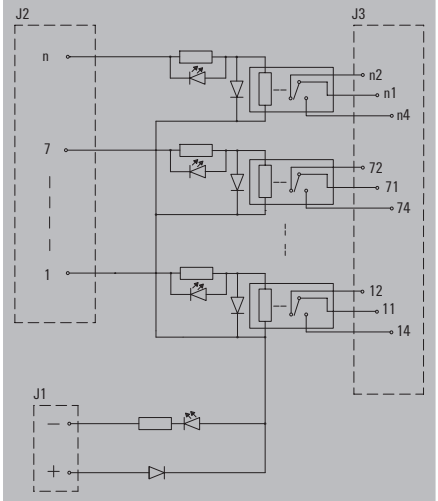
Connection control side	Screw/Tension clamp
Conection field side	Screw/Tension clamp
Width (8 relays) / Length (16 relays)	61 / 112 mm
12 V DC	
Operating voltage	12 V DC ±10 %
Rated current (dc)	14.2 mA
Free wheel diode	Yes
24 V DC	
Operating voltage	24 V DC ±10 %
Rated current (dc)	7.1 mA
Free wheel diode	Yes
24 V AC/DC	
Operating voltage	24 V AC/DC ±10 %
Rated current (dc)	6 mA
Rated current (ac)	15.6 mA
Free wheel diode	No
48 V DC	
Operating voltage	48 V DC ±10 %
Rated current (dc)	4.5 mA
Free wheel diode	Yes
Note	

Ordering data

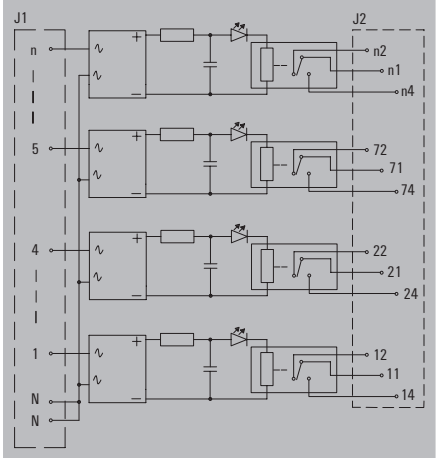
12 V DC		**Type**	**Screw (S)**	**Tension clamp (Z)**
8 Relays	12 V DC positive switching (negative common)	RSMS-8 12V+ 1CO	**1456590000**	**1456690000**
	12 V DC negative switching (positive common)	RSMS-8 12V- 1CO	**1456640000**	**1456730000**
16 Relays	12 V DC positive switching (negative common)	RSMS-16 12V+ 1CO		**1457040000**
	12 V DC negative switching (positive common)	RSMS-16 12V- 1CO	**1457000000**	**1457090000**
24 V DC				
8 Relays	24 V DC positive switching (negative common)	RSMS-8 24V+ 1CO	**1456610000**	**1456700000**
	24 V DC negative switching (positive common)	RSMS-8 24V- 1CO	**1456650000**	**1456740000**
	24 V DC positive switching (negative common) without relays	RSMS-8 24V+ BASE	**1456810000**	
16 Relays	24 V DC positive switching (negative common)	RSMS-16 24V+ 1CO	**1456970000**	**1457050000**
	24 V DC negative switching (positive common)	RSMS-16 24V- 1CO	**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 1CO	**1456830000**	
	24 V AC/DC with Gold contact	RSMS-8 24VUC AU 1CO	**1456840000**	
16 Relays	24 V AC/DC	RSMS-16 24VAC/DC 1CO	**1457190000**	**1457210000**
	24 V AC/DC with Gold contact	RSMS-16 24VUC AU 1CO	**1457200000**	**1457220000**
48 V DC				
8 Relays	48 V DC positive switching (negative common)	RSMS-8 48V+ 1CO	**1456620000**	**1456710000**
	48 V DC negative switching (positive common)	RSMS-8 48V- 1CO	**1456670000**	**1456750000**
16 Relays	48 V DC positive switching (negative common)	RSMS-16 48V+ 1CO	**1456980000**	**1457070000**
	48 V DC negative switching (positive common)	RSMS-16 48V- 1CO	**1457020000**	**1457110000**
Note				



RSMS-8 12 V+/24 V+/48 V+ 1CO
RSMS-16 12 V+/24 V+/48 V+ 1CO
RSMS-8 24 V+ BASE
RSMS-16 24 V+ BASE



RSMS-8 12 V-/24 V-/48 V- 1CO
RSMS-16 12 V-/24 V-/48 V- 1CO



RSMS-8 24 V AC/DC 1CO
RSMS-16 24 V AC/DC 1CO

Faster signal wiring taking up less space

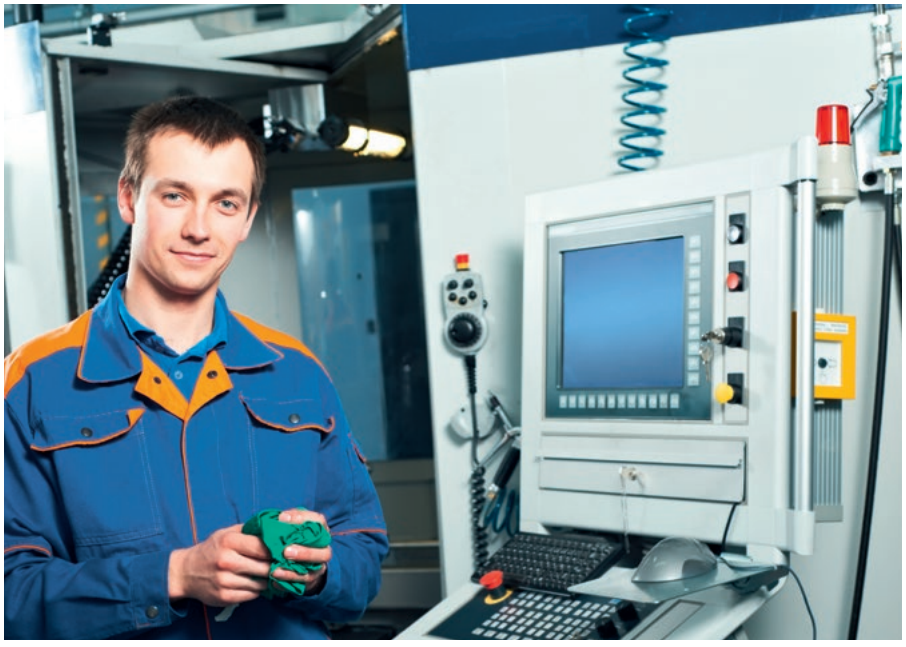
Our interface adapters for TERMSERIES relays reduce wiring times thanks to plug-and-play

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.

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.

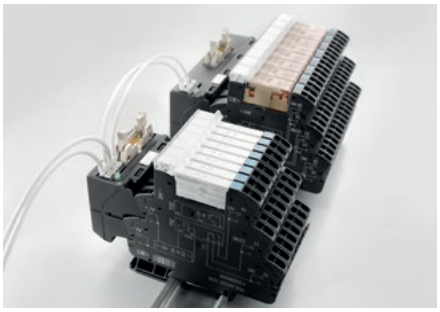
Thanks to its symmetrical structure, the adapter can be connected to both TERMSERIES coil and contact connections. The use of positive and negative switching logic is also possible for the lower level with the aid of the potential changeover switch.



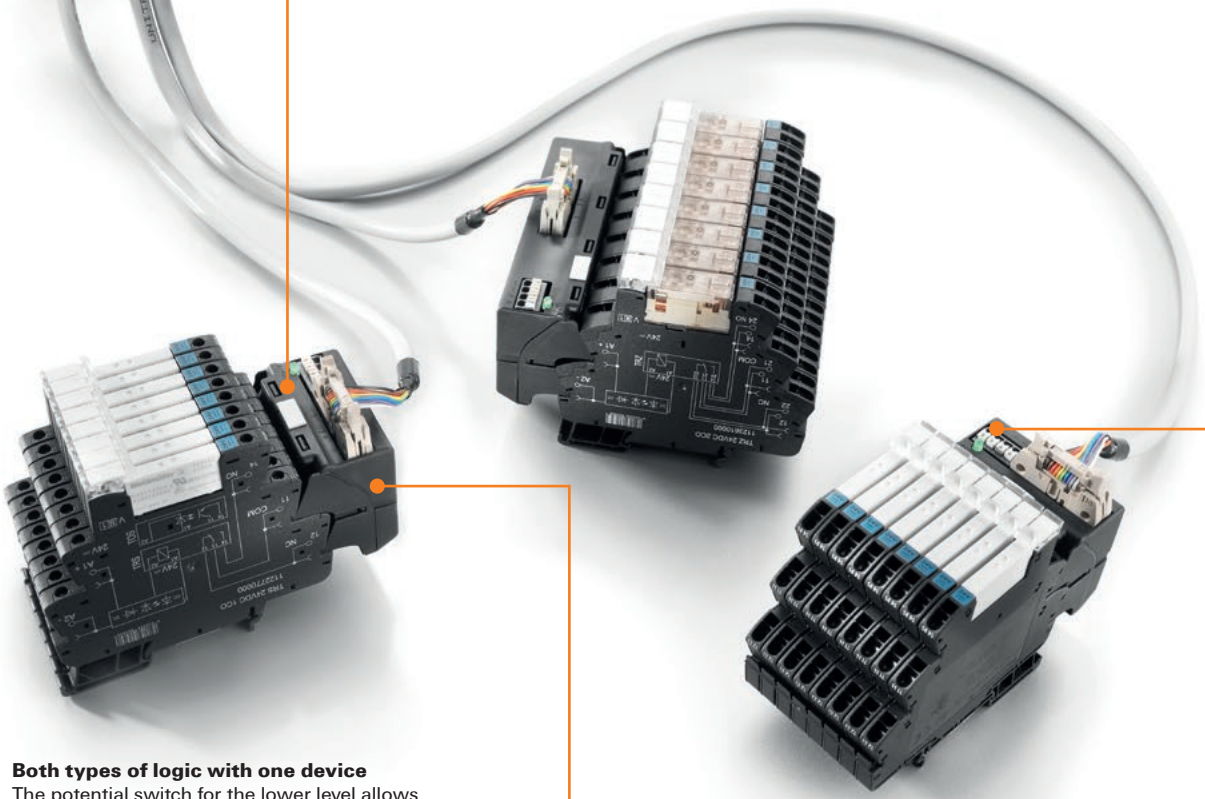
Configure wiring-intensive cabinets faster
Wiring complexity is especially high for electrical cabinets builders of standardised series cabinets in the field of machine construction and plant manufacture, process control technology and in shipbuilding. The wiring and throughput times of your machines 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.

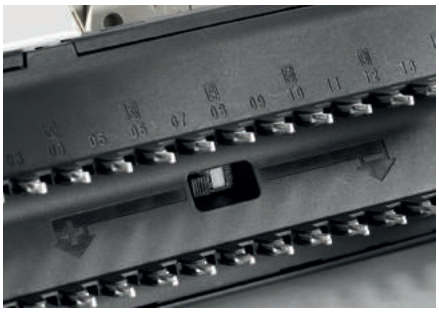
Fast supply and bridging of the auxiliary voltage
Quick and safe supply of the auxiliary voltage as a result of the TOP connection with "PUSH IN" technology. Simple bridging is also possible thanks to duplication of the connections.



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 raw 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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 "-" 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 ABB S800
16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 "-" 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 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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 "-" 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 EMERSON DELTA V
16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 "-" 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 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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DI, DC negative logic A)	2680870xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
	IC694MDL634	8 DI, positive logic B)	2680890xxx	1			1463520000	1	1123000000 2618110000	8	1463540000	1	1123730000 2618530000	8
		8 DI, negative logic A)	2680900xxx	1			1463520000	1	1123000000 2618110000	8	1463540000	1	1123730000 2618530000	8
	IC694MDL645	16 DI, positive logic B)	2680860xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DI, negative logic A)	2680870xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
	IC694MDL646	16 DI, positive logic B)	2680860xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DI, negative logic A)	2680870xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
	IC694MDL655	32 DI, positive logic B)	1511540xxx	2			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
		32 DI, negative logic A)	1511570xxx	2			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
	IC694MDL660	32 DI, positive logic B)	1511840xxx	1			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
DO	IC694MDL732	8 DO, 24 V DC A)	2680910xxx	1			1463520000	1	1122770000 2618000000	8	1463540000	1	1123490000 2618400000	8
	IC694MDL740	16 DO, 24 V DC A)	2680880xxx	1			1463520000	2	1122770000 2618000000	16	1463540000	2	1123490000 2618400000	16
	IC694MDL741	16 DO, 24 V DC B)	2680880xxx	1			1463520000	2	1122780000 1122890000	16	1463540000	2	1123500000 1123620000	16
	IC694MDL742	16 DO, 24 V DC A)	2680880xxx	1			1463520000	2	1122770000 2618000000	16	1463540000	2	1123490000 2618400000	16
	IC694MDL752	32 DO, 24 V DC B)	1511620xxx	2			1463520000	4	1122780000 1122890000	32	1463540000	4	1123500000 1123620000	32
	IC694MDL753	32 DO, 24 V DC A)	1511620xxx	2			1463520000	4	1122770000 2618000000	32	1463540000	4	1123490000 2618400000	32
	IC694MDL754	32 DO, 24 V DC A)	1512670xxx	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 GE FANUC RX3I

16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	IC694MDL241	16 DI, DC positive logic B)	2680630xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, DC negative logic A)	2680680xxx	1			1463550000	1	1123000000 2618110000	16
	IC694MDL645	16 DI, positive logic B)	2680630xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, negative logic A)	2680680xxx	1			1463550000	1	1123000000 2618110000	16
	IC694MDL646	16 DI, positive logic B)	2680630xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, negative logic A)	2680680xxx	1			1463550000	1	1123000000 2618110000	16
	IC694MDL655	32 DI, positive logic B)	7789066xxx	2			1463550000	2	1123000000 2618110000	32
		32 DI, negative logic A)	2680680xxx	2			1463550000	2	1123000000 2618110000	32
	IC694MDL660	32 DI, positive logic B)	7789619xxx	1			1463550000	2	1123000000 2618110000	32
DO	IC694MDL740	16 DO, 24 V DC A)	2680640xxx	1			1463550000	1	1122770000 2618000000	16
	IC694MDL741	16 DO, 24 V DC B)	2680640xxx	1			1463550000	1	1122780000 1122890000	16
	IC694MDL742	16 DO, 24 V DC A)	2680640xxx	1			1463550000	1	1122770000 2618000000	16
	IC694MDL752	32 DO, 24 V DC B)	7789066xxx	1			1463550000	2	1122780000 1122890000	32
	IC694MDL753	32 DO, 24 V DC A)	7789066xxx	1			1463550000	2	1122770000 2618000000	32
	IC694MDL754	32 DO, 24 V DC A)	7789618xxx	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 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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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
DI	TC-IDJ161/ TK-IDJ161	16 DI B)	1511990xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
DI	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
DO	TC-ODJ161/ TK-ODJ161	16 DO A)	1512070xxx	1			1463520000	2	1122770000 2618000000	16	1463540000	2	1123490000 2618400000	16
DO	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)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	TC-IDX161/ TK-IDX161	16 DI B)	7789049xxx	1			1463550000	1	1123000000 2618110000	16
DI	TC-IDJ161/ TK-IDJ161	16 DI B)	7789049xxx	1			1463550000	1	1123000000 2618110000	16
DI	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
DO	TC-ODJ161/ TK-ODJ161	16 DO A)	7789059xxx	1			1463550000	1	1122770000 2618000000	16
DO	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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	CC-TDIL01	32 DI, 24 Vdc B)	2065110xxx	2			1463530000	4	1123000000 2618110000	32
	CC-TDIL11	32 DI, 24 Vdc B)	2065110xxx	2			1463530000	4	1123000000 2618110000	32
DO	CC-TDOB01	32 DO, 24 Vdc A)	2065100xxx	2			1463530000	4	1122770000 2618000000	32
	CC-TDOB11	32 DO, 24 Vdc A)	2065100xxx	2			1463530000	4	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 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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 "-" 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.
- The use of cables longer than 20 m is not recomended 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)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	QX40	16 DI A)	7789100xxx	1			1463550000	1	1123000000 2618110000	16
	QX40-S1	16 DI A)	7789100xxx	1			1463550000	1	1123000000 2618110000	16
	QX41	32 DI A)	7789681xxx	2			1463550000	2	1123000000 2618110000	32
	QX41-S1	32 DI A)	7789681xxx	2			1463550000	2	1123000000 2618110000	32
	QX42	64 DI A)	7789681xxx	4			1463550000	4	1123000000 2618110000	64
	QX42-S1	64 DI A)	7789681xxx	4			1463550000	4	1123000000 2618110000	64
	QX80	16 DI B)	7789100xxx	1			1463550000	1	1123000000 2618110000	16
	QX81	32 DI B)	1512340xxx	1			1463550000	2	1123000000 2618110000	32
	QX82	64 DI B)	7789683xxx	4			1463550000	4	1123000000 2618110000	64
	QX82-S1	64 DI B)	7789683xxx	4			1463550000	4	1123000000 2618110000	64
DO	QY40P	16 DO B)	7789100xxx	1			1463550000	1	1122780000 1122890000	16
	QY41P	32 DO B)	7789708xxx	2			1463550000	2	1122780000 1122890000	32
	QY42P	64 DO B)	7789708xxx	4			1463550000	4	1122780000 1122890000	64
	QY50	16 DO B)	7789100xxx	2			1463550000	1	1122780000 1122890000	16
	QY80	16 DO A)	7789100xxx	2			1463550000	1	1122770000 2618000000	16
DI/DO	QH42P	32 DI A)	7789681xxx	2			1463550000	2	1123000000 2618110000	32
		32 DO B)	7789708xxx	2			1463550000	2	1122780000 1122890000	32
	QX41Y41P	32 DI A)	7789681xxx	2			1463550000	2	1123000000 2618110000	32
		32 DO B)	7789708xxx	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 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 recomended for this application.

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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 "-" 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 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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DI, negative logic A)	1511140xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DO B)	1511170xxx	1			1463520000	2	1122780000 1122890000	16	1463540000	2	1123500000 1123620000	16
	MD232	16 DI, positive logic B)	1511190xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DI, negative logic A)	1511220xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DO A)	1511240xxx	1			1463520000	2	1122770000 2618000000	16	1463540000	2	1123490000 2618400000	16
	MD233	16 DI, positive logic B)	1511190xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DI, negative logic A)	1511220xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DO B)	1511230xxx	1			1463520000	2	1122780000 1122890000	16	1463540000	2	1123500000 1123620000	16
	MD261	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
		32 DO B)	1511340xxx	1			1463520000	4	1122780000 1122890000	32	1463540000	4	1123500000 1123620000	32
	MD263	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
		32 DO B)	1511370xxx	1			1463520000	4	1122780000 1122890000	32	1463540000	4	1123500000 1123620000	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 OMRON CJ1W

16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	ID211	16 DI, positive logic B)	7789645xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, negative logic A)	7789833xxx	1			1463550000	1	1123000000 2618110000	16
	ID212	16 DI, positive logic B)	7789645xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, negative logic A)	7789833xxx	1			1463550000	1	1123000000 2618110000	16
	ID231	32 DI, positive logic B)	7789771xxx	1			1463550000	2	1123000000 2618110000	32
		32 DI, negative logic A)	7789768xxx	1			1463550000	2	1123000000 2618110000	32
	ID232	32 DI, positive logic B)	7789772xxx	1			1463550000	2	1123000000 2618110000	32
		32 DI, negative logic A)	7789767xxx	1			1463550000	2	1123000000 2618110000	32
	ID233	32 DI, positive logic B)	7789772xxx	1			1463550000	2	1123000000 2618110000	32
		32 DI, negative logic A)	7789767xxx	1			1463550000	2	1123000000 2618110000	32
	ID261	64 DI, positive logic B)	7789771xxx	2			1463550000	4	1123000000 2618110000	64
		64 DI, negative logic A)	7789768xxx	2			1463550000	4	1123000000 2618110000	64
	ID262	64 DI, positive logic B)	7789772xxx	2			1463550000	4	1123000000 2618110000	64
		64 DI, negative logic A)	7789767xxx	2			1463550000	4	1123000000 2618110000	64
DO	OD211	16 DO B)	7789794xxx	1			1463550000	1	1122780000 1122890000	16
	OD212	16 DO A)	7789794xxx	1			1463550000	1	1122770000 2618000000	16
	OD213	16 DO B)	7789794xxx	1			1463550000	1	1122780000 1122890000	16
	OD231	32 DO B)	7789793xxx	1			1463550000	2	1122780000 1122890000	32
	OD232	32 DO A)	7789373xxx	1			1463550000	2	1122770000 2618000000	32
	OD233	32 DO B)	7789373xxx	1			1463550000	2	1122780000 1122890000	32
	OD234	32 DO B)	7789373xxx	1			1463550000	2	1122780000 1122890000	32
	OD261	64 DO B)	7789793xxx	2			1463550000	4	1122780000 1122890000	64
	OD262	64 DO A)	7789373xxx	1			1463550000	4	1122770000 2618000000	64
	OD263	64 DO B)	7789373xxx	1			1463550000	4	1122780000 1122890000	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 OMRON CJ1W

16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI/DO	MD231	16 DI, positive logic B)	1511430xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, negative logic A)	1511440xxx	1			1463550000	1	1123000000 2618110000	16
		16 DO B)	1511470xxx	1			1463550000	1	1122780000 1122890000	16
	MD232	16 DI, positive logic B)	7789328xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, negative logic A)	7789329xxx	1			1463550000	1	1123000000 2618110000	16
		16 DO A)	7789329xxx	1			1463550000	1	1122770000 2618000000	16
	MD233	16 DI, positive logic B)	7789328xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, negative logic A)	7789329xxx	1			1463550000	1	1123000000 2618110000	16
		16 DO B)	7789329xxx	1			1463550000	1	1122780000 1122890000	16
	MD261	32 DI, positive logic B)	7789771xxx	1			1463550000	2	1123000000 2618110000	32
		32 DI, negative logic A)	7789768xxx	1			1463550000	2	1123000000 2618110000	32
		32 DO B)	7789793xxx	1			1463550000	2	1122780000 1122890000	32
	MD263	32 DI, positive logic B)	7789772xxx	1			1463550000	2	1123000000 2618110000	32
		32 DI, negative logic A)	7789767xxx	1			1463550000	2	1123000000 2618110000	32
		32 DO B)	7789373xxx	1			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 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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DI, negative logic A)	1511740xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
	1769-IQ16F	16 DI, positive logic B)	1511730xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
		16 DI, negative logic A)	1511740xxx	1			1463520000	2	1123000000 2618110000	16	1463540000	2	1123730000 2618530000	16
	1769-IQ32	32 DI, positive logic B)	1511730xxx 1511770xxx	1 1			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
		32 DI, negative logic A)	1511790xxx 1511820xxx	1 1			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
	1769-IQ32T	32 DI, positive logic B)	1511890xxx	1			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
		32 DI, negative logic A)	1511910xxx	1			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
DO	1769-OB8	8 DO A)	1511930xxx	1			1463520000	1	1122770000 2618000000	8	1463540000	1	1123490000 2618400000	8
	1769-OB16	16 DO A)	1511830xxx	1			1463520000	2	1122770000 2618000000	16	1463540000	2	1123490000 2618400000	16
	1769-OB16P	16 DO A)	1511830xxx	1			1463520000	2	1122770000 2618000000	16	1463540000	2	1123490000 2618400000	16
	1769-OB32	32 DO A)	1511830xxx 1511870xxx	1 1			1463520000	4	1122770000 2618000000	32	1463540000	4	1123490000 2618400000	32
	1769-OB32T	32 DO A)	1511920xxx	1			1463520000	4	1122770000 2618000000	32	1463540000	4	1123490000 2618400000	32
	1769-OV16	16 DO B)	1511830xxx	1			1463520000	4	1122780000 1122890000	32	1463540000	4	1123500000 1123620000	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 ROCKWELL COMPACT LOGIX

16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	1769-IQ16	16 DI, positive logic B)	7789770xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, negative logic A)	7789831xxx	1			1463550000	1	1123000000 2618110000	16
	1769-IQ16F	16 DI, positive logic B)	7789770xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, negative logic A)	7789831xxx	1			1463550000	1	1123000000 2618110000	16
	1769-IQ32	32 DI, positive logic B)	7789770xxx 7789695xxx	1 1			1463550000	2	1123000000 2618110000	32
		32 DI, negative logic A)	7789831xxx 7789832xxx	1 1			1463550000	2	1123000000 2618110000	32
	1769-IQ32T	32 DI, positive logic B)	1489160xxx	1			1463550000	2	1123000000 2618110000	32
		32 DI, negative logic A)	1489180xxx	1			1463550000	2	1123000000 2618110000	32
DO	1769-OB16	16 DO A)	7789769xxx	1			1463550000	1	1122770000 2618000000	16
	1769-OB16P	16 DO A)	7789769xxx	1			1463550000	1	1122770000 2618000000	16
	1769-OB32	32 DO A)	7789769xxx 7789697xxx	1 1			1463550000	2	1122770000 2618000000	32
	1769-OB32T	32 DO A)	1489170xxx	1			1463550000	2	1122770000 2618000000	32
	1769-OV16	16 DO B)	7789769xxx	1			1463550000	1	1122780000 1122890000	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 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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 "-" 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 ROCKWELL CONTROL LOGIX

16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	1756-IB16	16 DI B)	7789039xxx	1			1463550000	1	1123000000 2618110000	16
	1756-IB16D	16 DI B)	7789049xxx	1			1463550000	1	1123000000 2618110000	16
	1756-IB16I	16 DI B)	7789049xxx	1			1463550000	1	1123000000 2618110000	16
	1756-IB32	32 DI B)	7789041xxx	1			1463550000	2	1123000000 2618110000	32
DO	1756-OB16D	16 DO A)	7789040xxx	1			1463550000	1	1122770000 2618000000	16
	1756-OB16E	16 DO A)	7789058xxx	1			1463550000	1	1122770000 2618000000	16
	1756-OB16I	16 DO A)	7789059xxx	1			1463550000	1	1122770000 2618000000	16
	1756-OB32	32 DO A)	7789042xxx	1			1463550000	2	1122770000 2618000000	32
	1756-OV16E	16 DO B)	7789058xxx	1			1463550000	1	1122780000 1122890000	16
	1756-OV32E	32 DO B)	7789042xxx	1			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 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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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										
	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 "-" 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 SCHNEIDER M340

16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	BMX DAI 1602	16 DI, DC positive logic B)	7789380xxx	1			1463550000	1	1123000000 2618110000	16
		16 DI, DC negative logic A)	7789630xxx	1			1463550000	1	1123000000 2618110000	16
	BMX DDI 1602	16 DI B)	7789380xxx	1			1463550000	1	1123000000 2618110000	16
	BMX DDI 3202K	32 DI B)	7789387xxx	1			1463550000	2	1123000000 2618110000	32
	BMX DDI 6402K	64 DI B)	7789387xxx	2			1463550000	4	1123000000 2618110000	64
DO	BMX DDO 1602	16 DO A)	7789380xxx	1			1463550000	1	1122770000 2618000000	16
	BMX DDO 1612	16 DO B)	7789380xxx	1			1463550000	1	1122780000 1122890000	16
	BMX DDO 3202K	32 DO A)	7789387xxx	1			1463550000	2	1122770000 2618000000	32
	BMX DDO 6402K	64 DO A)	7789387xxx	2			1463550000	4	1122770000 2618000000	64
DI/DO	BMX DDM 3202K	16 DI B)	7789387xxx	1			1463550000	1	1123000000 2618110000	16
		16 DO A)					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 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)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	140 DDI 353 00	32 DI B)	2460880xxx	1			1463550000	2	1123000000 2618110000	32
	140 DDI 364 00	96 DI B)	7789301xxx	6			1463550000	6	1123000000 2618110000	96
	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	32
	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 "-" 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.

PLC SCHNEIDER TM3

16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	TM3DI16 / TM3DI16G	16DI, positive logic	2857920xxx	1			1463550000	1	1123000000 2618110000	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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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
	6ES7321-1BH82-0AA0	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
		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 "-" 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 S7-300

16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	6ES7321-1BH00-0AA0	16 DI B)	7789234xxx	1			1463550000	1	1123000000 2618110000	16
	6ES7321-1BH01-0AA0	16 DI B)	7789234xxx	1			1463550000	1	1123000000 2618110000	16
	6ES7321-1BH02-0AA0	16 DI B)	7789234xxx	1			1463550000	1	1123000000 2618110000	16
	6ES7321-1BH50-0AA0	16 DI A)	7789234xxx	1			1463550000	1	1123000000 2618110000	16
	6ES7321-1BH80-0AA0	16 DI B)	7789234xxx	1			1463550000	1	1123000000 2618110000	16
	6ES7321-1BH81-0AA0	16 DI B)	7789234xxx	1			1463550000	1	1123000000 2618110000	16
	6ES7321-1BH82-0AA0	16 DI B)	7789234xxx	1			1463550000	1	1123000000 2618110000	16
	6ES7321-1BL00-0AA0	32 DI B)	7789236xxx	1			1463550000	2	1123000000 2618110000	32
	6ES7321-1BL80-0AA0	32 DI B)	7789236xxx	1			1463550000	2	1123000000 2618110000	32
	6ES7321-1BP00-0AA0	64 DI, positive logic B)	7789771xxx	2			1463550000	4	1123000000 2618110000	64
		64 DI, negative logic A)	7789768xxx	2			1463550000	4	1123000000 2618110000	64
	6ES7321-7BH00-0AB0	16 DI B)	7789192xxx	1			1463550000	1	1123000000 2618110000	16
	6ES7321-7BH01-0AB0	16 DI B)	7789192xxx	1			1463550000	1	1123000000 2618110000	16
	6ES7321-7BH80-0AB0	16 DI B)	7789192xxx	1			1463550000	1	1123000000 2618110000	16
DO	6ES7322-1BH00-0AA0	16 DO A)	7789234xxx	1			1463550000	1	1122770000 2618000000	16
	6ES7322-1BH01-0AA0	16 DO A)	7789234xxx	1			1463550000	1	1122770000 2618000000	16
	6ES7322-1BH10-0AA0	16 DO A)	7789234xxx	1			1463550000	1	1122770000 2618000000	16
	6ES7322-1BH81-0AA0	16 DO A)	7789234xxx	1			1463550000	1	1122770000 2618000000	16
	6ES7322-1BL00-0AA0	32 DO A)	7789236xxx	1			1463550000	2	1122770000 2618000000	32
	6ES7322-1BP00-0AA0	64 DO A)	7789246xxx	1			1463550000	4	1122770000 2618000000	64
	6ES7322-1BP50-0AA0	64 DO B)	7789246xxx	1			1463550000	4	1122780000 1122890000	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 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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.	Order No.	Qty.	Order No.	Qty.
DI	6ES7421-1BL00-0AA0	32 DI A)	1512490xxx	1			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	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 "-" 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 S7-400
16-channel solution

	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 "-" 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
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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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
	6E7521-1BL10-0AA0	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
	6E7522-1BL10-0AA0	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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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 2618110000	8	1463540000	1	1123730000 2618530000	8
	6ES7131-6BF01-0BA0	DI 8x24VDC ST	2870170xxx [1]	1			1463520000	1	1123000000 2618110000	8	1463540000	1	1123730000 2618530000	8
	6ES7131-6BF00-0CA0	DI 08x24Vdc HF	2870170xxx [1]	1			1463520000	1	1123000000 2618110000	8	1463540000	1	1123730000 2618530000	8
	6ES7131-6BF00-0DA0	DI 08x24Vdc HS	2870170xxx [1]	1			1463520000	1	1123000000 2618110000	8	1463540000	1	1123730000 2618530000	8
DO	6ES7132-6BF01-0AA0	DQ 8x24VDC/ 0.5A BA	2870170xxx [1]	1			1463520000	1	1122770000 2618000000	8	1463540000	1	1123490000 2618400000	8
	6ES7132-6BD20-0BA0	DQ 4x24VDC/ 2A ST	2870180xxx [1]	1			1463520000	1	1122770000 2618000000	4	1463540000	1	1123490000 2618400000	4
	6ES7132-6BF01-0BA0	DQ 8x24VDC/ 0.5A ST	2870170xxx [1]	1			1463520000	1	1122770000 2618000000	8	1463540000	1	1123490000 2618400000	8
	6ES7132-6BD20-0CA0	DQ 4x24VDC/ 2A HF	2870180xxx [1]	1			1463520000	1	1122770000 2618000000	4	1463540000	1	1123490000 2618400000	4
	6ES7132-6BF00-0CA0	DQ 8x24VDC/ 0,5A HF	2870170xxx [1]	1			1463520000	1	1122770000 2618000000	8	1463540000	1	1123490000 2618400000	8
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)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	6ES7131-6BF01-0BA0	DI 16x24VDC ST	2732130xxx[1]	1			1463550000	1	1123000000 2618110000	16
DO	6ES7132-6BH00-0AA0	DQ 16x24VDC/0.5A BA	2732130xxx[1]	1			1463550000	1	1122770000 2618000000	16
	6ES7132-6BH01-0BA0	DQ 16x24VDC/0.5A ST	2732130xxx[1]	1			1463550000	1	1122770000 2618000000	16
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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	6DL1131-6BH00-0PH1	DI 16x24VDC (1-wire)	2856330xxx 1) 2765980xxx 2)	1			1463550000	1	1123000000 2618110000	16
	6DL1131-6BL00-0PH1	DI 32x24VDC (1-wire)	2856330xxx 1) 2765980xxx 2)	2			1463550000	2	1123000000 2618110000	32
	6DL1133-6EW00-0PH1	AI-DI16/DQ16x24VDC HART (digital mode, 1-wire)	2856330xxx 1) 2765980xxx 2)	1			1463550000	1	1123000000 2618110000	16
DO	6DL1132-6BH00-0PH1	DQ 16x24VDC/0.5A (1-wire)	2856330xxx 1) 2765980xxx 2)	1			1463550000	1	1122770000 2618000000	16
	6DL1132-6BL00-0PH1	DQ 32x24VDC/0.5A	2856380xxx 1) 2757820xxx 2)	2			1463550000	2	1122770000 2618000000	32
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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.	Order No.	Qty.	Order No.	Qty.
DI	ADV151	32 DI, positive logic B)	1512190xxx	1			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
		32 DI, negative logic A)	1512210xxx	1			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
	ADV161	64 DI, positive logic B)	1512190xxx	2			1463520000	8	1123000000 2618110000	64	1463540000	8	1123730000 2618530000	64
		64 DI, negative logic A)	1512210xxx	2			1463520000	8	1123000000 2618110000	64	1463540000	8	1123730000 2618530000	64
DO	ADV551	32 DO B)	1512220xxx	1			1463520000	4	1122780000 1122890000	32	1463540000	8	1123500000 1123620000	32
	ADV561	64 DO B)	1512220xxx	2			1463520000	8	1122780000 1122890000	64	1463540000	8	1123500000 1123620000	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)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	ADV151	32 DI, positive logic B)	1512230xxx	1			1463550000	2	1123000000 2618110000	32
		32 DI, negative logic A)	1512240xxx	1			1463550000	2	1123000000 2618110000	32
	ADV161	64 DI, positive logic B)	1512230xxx	2			1463550000	4	1123000000 2618110000	64
		64 DI, negative logic A)	1512240xxx	2			1463550000	4	1123000000 2618110000	64
DO	ADV551	32 DO B)	1512270xxx	1			1463550000	2	1122780000 1122890000	32
	ADV561	64 DO B)	1512270xxx	2			1463550000	4	1122780000 1122890000	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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.	Order No.	Qty.	Order No.	Qty.
DI	NFDV151	32 DI, positive logic B)	1512190xxx	1			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
		32 DI, negative logic A)	1512210xxx	1			1463520000	4	1123000000 2618110000	32	1463540000	4	1123730000 2618530000	32
	NFDV161	64 DI, positive logic B)	1512190xxx	2			1463520000	8	1123000000 2618110000	64	1463540000	8	1123730000 2618530000	64
		64 DI, negative logic A)	1512210xxx	2			1463520000	8	1123000000 2618110000	64	1463540000	8	1123730000 2618530000	64
DO	NFDV551	32 DO B)	1512220xxx	1			1463520000	4	1122780000 1122890000	32	1463540000	8	1123500000 1123620000	32
	NFDV561	64 DO B)	1512220xxx	2			1463520000	8	1122780000 1122890000	64	1463540000	8	1123500000 1123620000	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)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	NFDV151	32 DI, positive logic B)	1512230xxx	1			1463550000	2	1123000000 2618110000	32
		32 DI, negative logic A)	1512240xxx	1			1463550000	2	1123000000 2618110000	32
	NFDV161	64 DI, positive logic B)	1512230xxx	2			1463550000	4	1123000000 2618110000	64
		64 DI, negative logic A)	1512240xxx	2			1463550000	4	1123000000 2618110000	64
DO	NFDV551	32 DO B)	1512270xxx	1			1463550000	2	1122780000 1122890000	32
	NFDV561	64 DO B)	1512270xxx	2			1463550000	4	1122780000 1122890000	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)			
							TERMSERIES adapter		Inputs or outputs with relays		TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	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

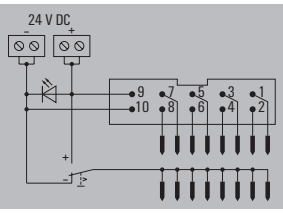
	PLC		Cables		Connection		TERMSERIES adapter			
	Input/Output cards		Standard				TERMSERIES adapter (Relay 6.4 mm)			
							TERMSERIES adapter		Inputs or outputs with relays	
	Manufacturer code	Number/ Type of channels	Order No.	Qty.	Screw connection	PUSH IN connection	Order No.	Qty.	Order No.	Qty.
DI	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.

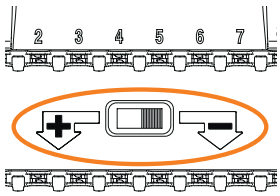
TERMSERIES adapters

- 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

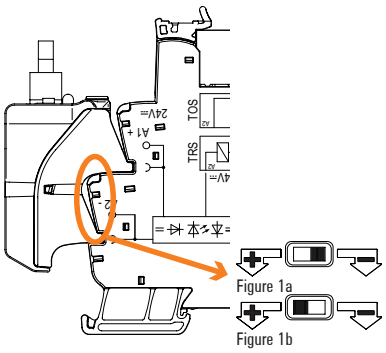


Figure 1a: **Positive-switching logic:** Potential change-over switch to "-", installation on **24 V DC input** (A1/A2).

Figure 1b: **Negative-switching logic:** Potential change-over switch to "+", installation on **24 V UC input** (A1/A2).

Installation output

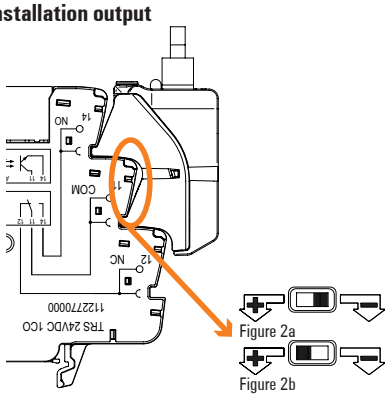


Figure 2a: **Positive-switching logic:** Potential change-over switch to "+", installation on output (11/14).

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 mm²
Clamping range, rated connection, max.		1.5 mm²
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_u = 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
Note		

Ordering data

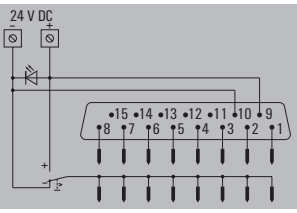
Type	Qty.	Order No.
TIA F10	1	1463520000

Note	Suitable for 6.4 mm wide TERMSERIES socket

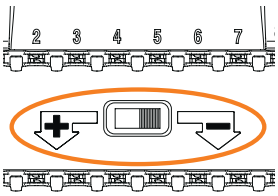
TERMSERIES adapters

- 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



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

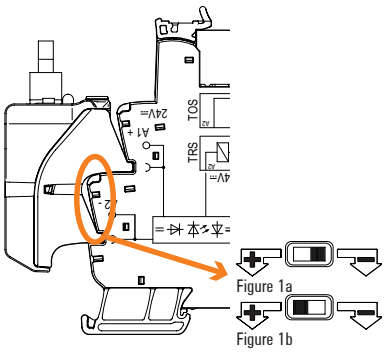


Figure 1a: **Positive-switching logic:** Potential change-over switch to "-", installation on **24 V DC input** (A1/A2).

Figure 1b: **Negative-switching logic:** Potential change-over switch to "+", installation on **24 V UC input** (A1/A2).

Installation output

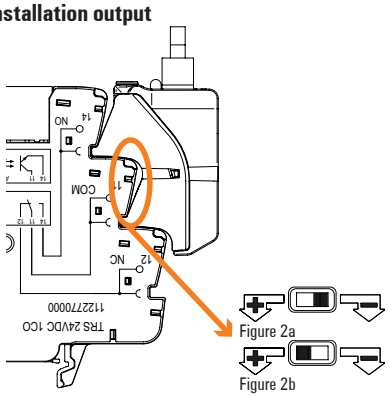


Figure 2a: **Positive-switching logic:** Potential change-over switch to "+", installation on output (11/14).

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 mm²
Clamping range, rated connection, max.		1.5 mm²
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_u = 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
Note		

Ordering data

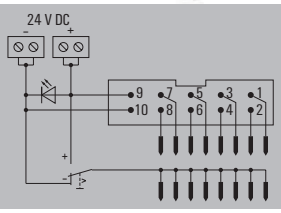
Type	Qty.	Order No.
TIA SUBD 15S	1	1463530000

Note	Suitable for 6.4 mm wide TERMSERIES socket

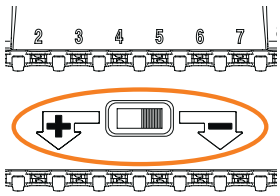
TERMSERIES adapters

- 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



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

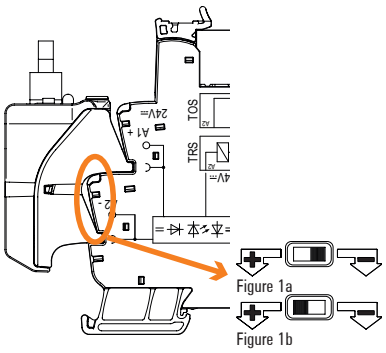


Figure 1a: **Positive-switching logic:** Potential change-over switch to "-", installation on **24 V DC input** (A1/A2).

Figure 1b: **Negative-switching logic:** Potential change-over switch to "+", installation on **24 V UC input** (A1/A2).

Installation output

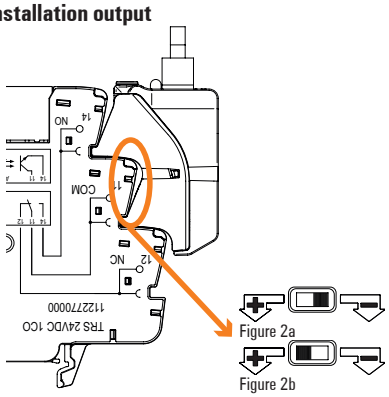


Figure 2a: **Positive-switching logic:** Potential change-over switch to "+", installation on output (11/14).

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 mm²
Clamping range, rated connection, max.		1.5 mm²
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_u = 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

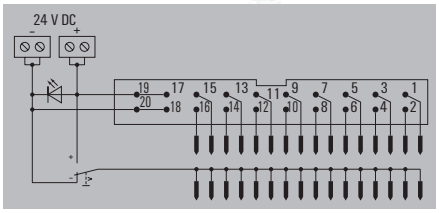
Type	Qty.	Order No.
TIAL F10	1	1463540000

Note	Suitable for 12.8 mm wide TERMSERIES socket

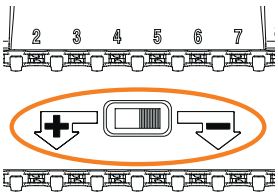
TERMSERIES adapters

- 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



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

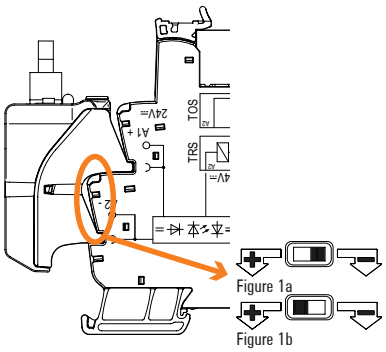


Figure 1a: **Positive-switching logic:** Potential change-over switch to "-", installation on **24 V DC input** (A1/A2).

Figure 1b: **Negative-switching logic:** Potential change-over switch to "+", installation on **24 V UC input** (A1/A2).

Installation output

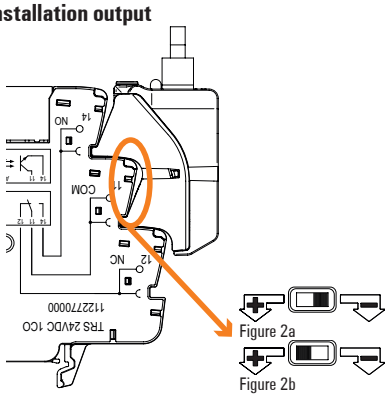


Figure 2a: **Positive-switching logic:** Potential change-over switch to "+", installation on output (11/14).

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)		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 mm²
Clamping range, rated connection, max.		1.5 mm²
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_u = 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

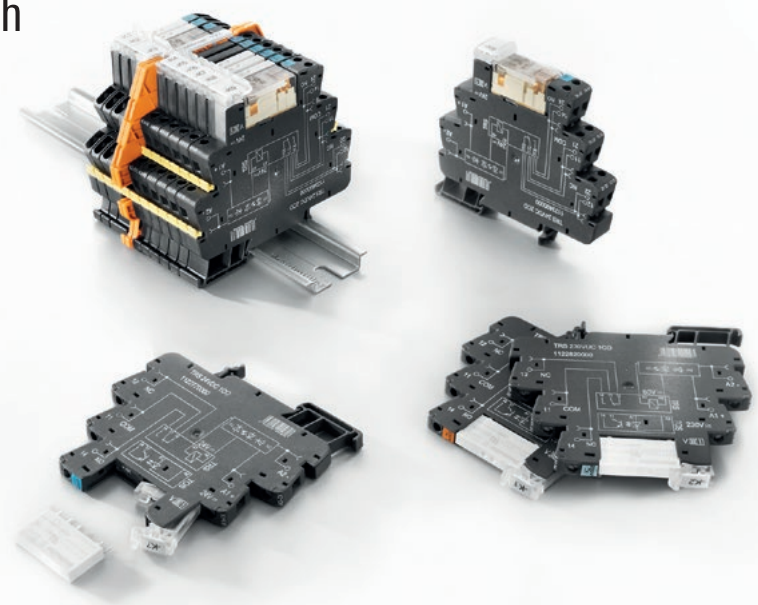
Type	Qty.	Order No.
TIAL F20	1	1463550000

Note

Suitable for 6.4 mm wide TERMSERIES socket

TERMSERIES

Relay modules from 6 mm width



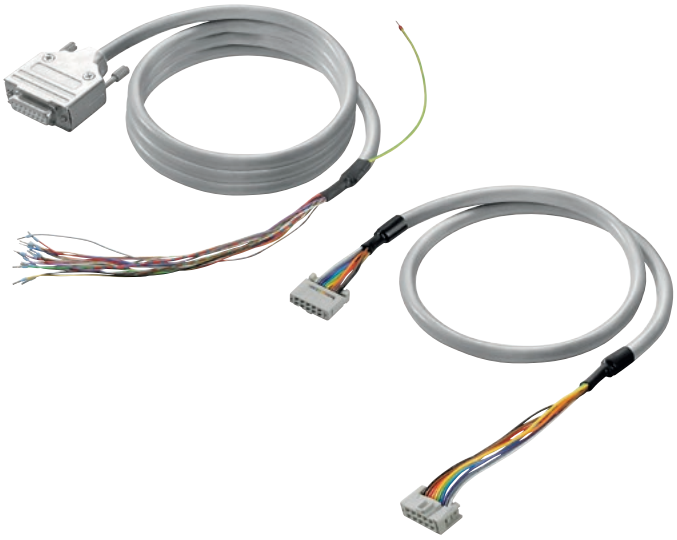
Number of contacts / Type of contact		1 NO		1 CO	2 CO		1 CO	
Contact material		**AgSnO**	**AgSnO + W**	**AgNi**	**AgNi**	**AgNi + 5µAu**	**AgNi**	**AgNi + 5µAu**
Switching current		**16 A**	**16 A**	**16 A**	**8 A**		**6 A**	
Voltage / Input DC	**Connection**							
5 V DC	Screw			1479650000	1123470000	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 VUC	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	Screw	2662970000	2662980000	2662960000	2662880000	2662890000	2662850000	2662860000
new ED2 version	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

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



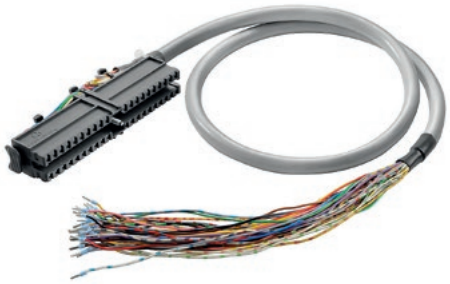
This range of pre-assembled cables for ribbon cabling complies with IEC 60603-13/DIN 41651 SUB-D in accordance with IEC 60807-2/DIN 41652 and SUB-D High density.
One end of the cable is prepared for connecting with the RS-F or RS SD interfaces and the other end for wire-end ferrules or to a SUB-D connector 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.
Avaliable 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

PAC-UNIV-HE-F / PAC-HE-F-HF

Ribbon cable to wire-end ferrules connector

PAC-UNIV-HE-HE / PAC-HE-HE-HF

Ribbon cable to ribbon cable connector

Technical data

Rated data		
Operating voltage	≤ 60 V DC ≤ 25 V AC	≤ 60 V DC ≤ 25 V AC
Permissible current strength per path, max.	1 A	1 A
Total current, max.	3 A	3 A
Resistance	≤ 150mΩ/m	≤ 150mΩ/m
Nominal rating, control cable		
Wire cross-section	0.14 mm²	0.14 mm²
General data		
Ambient temperature (operational)	-10...50 °C	-10...50 °C
Storage temperature	-10...60 °C	-10...60 °C

Note		

Ordering data

No halogen-free cables	Type	Qty.	Order No.	Type	Qty.	Order No.
10-pole connector	PAC-UNIV-HE10-F-1M	1	1349730010	PAC-UNIV-HE10-HE10-1M	1	1349630010
14-pole connector	PAC-UNIV-HE14-F-1M	1	1349740010	PAC-UNIV-HE14-HE14-1M	1	1349640010
16-pole connector	PAC-UNIV-HE16-F-1M	1	1349770010	PAC-UNIV-HE16-HE16-1M	1	1349650010
20-pole connector	PAC-UNIV-HE20-F-1M	1	1349790010	PAC-UNIV-HE20-HE20-1M	1	1349670010
26-pole connector	PAC-UNIV-HE26-F-1M	1	1349820010	PAC-UNIV-HE26-HE26-1M	1	1349680010
34-pole connector	PAC-UNIV-HE34-F-1M	1	1349840010	PAC-UNIV-HE34-HE34-1M	1	1349690010
40-pole connector	PAC-UNIV-HE40-F-1M	1	1349880010	PAC-UNIV-HE40-HE40-1M	1	1349700010
50-pole connector				PAC-UNIV-HE50-HE50-1M	1	1349720010
Halogen-free cables						
10-pole connector	PAC-HE10-F-HF-1M	1	2420540010	PAC-HE10-HE10-HF-1M	1	2420550010
14-pole connector	PAC-HE14-F-HF-1M	1	2425650010	PAC-HE14-HE14-HF-1M	1	2425940010
16-pole connector	PAC-HE16-F-HF-1M	1	2425710010	PAC-HE16-HE16-HF-1M	1	2425700010
20-pole connector	PAC-HE20-F-HF-1M	1	2425660010	PAC-HE20-HE20-HF-1M	1	2425730010
26-pole connector	PAC-HE26-F-HF-1M	1	2425720010	PAC-HE26-HE26-HF-1M	1	2425740010
34-pole connector	PAC-HE34-F-HF-1M	1	2425690010	PAC-HE34-HE34-HF-1M	1	2425950010
40-pole connector	PAC-HE40-F-HF-1M	1	2425680010	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

PAC-UNIV-D-F/ PAC-D-F-HF

SUB-D to wire-end ferrules

PAC-UNIV-D-D /PAC-D-D-HF

SUB-D male to male or SUB-D female to female connector

Technical data

Rated data		
Operating voltage	≤ 60 V DC ≤ 25 V AC	≤ 60 V DC ≤ 25 V AC
Permissible current strength per path, max.	1 A	1 A
Total current, max.	3 A	3 A
Resistance	≤ 80 mΩ/m	≤ 80 mΩ/m
Nominal rating, control cable		
Wire cross-section	0.25 mm²	0.25 mm²
General data		
Ambient temperature (operational)	-10...50 °C	-10...50 °C
Storage temperature	-10...60 °C	-10...60 °C

Note		

Ordering data

No halogen-free cables	Type	Qty.	Order No.	Type	Qty.	Order No.
9-pole male connector	PAC-UNIV-D9M-F-1M	1	1350400010	PAC-UNIV-D9M-D9M-1M	1	1349750010
15-pole male connector	PAC-UNIV-D15M-F-1M	1	1350420010	PAC-UNIV-D15M-D15M-1M	1	1349780010
25-pole male connector	PAC-UNIV-D25M-F-1M	1	1350430010	PAC-UNIV-D25M-D25M-1M	1	1349800010
37-pole male connector	PAC-UNIV-D37M-F-1M	1	1350440010	PAC-UNIV-D37M-D37M-1M	1	1349830010
50-pole male connector	PAC-UNIV-D50M-F-1M	1	1350450010	PAC-UNIV-D50M-D50M-1M	1	1349850010
9-pole female connector	PAC-UNIV-D9F-F-1M	1	1350470010	PAC-UNIV-D9F-D9F-1M	1	1349870010
15-pole female connector	PAC-UNIV-D15F-F-1M	1	1350480010	PAC-UNIV-D15F-D15F-1M	1	1349890010
25-pole female connector	PAC-UNIV-D25F-F-1M	1	1350490010	PAC-UNIV-D25F-D25F-1M	1	1349920010
37-pole female connector	PAC-UNIV-D37F-F-1M	1	1350500010	PAC-UNIV-D37F-D37F-1M	1	1349930010
50-pole female connector	PAC-UNIV-D50F-F-1M	1	1350520010	PAC-UNIV-D50F-D50F-1M	1	1349940010
Halogen-free cables						
9-pole male connector	PAC-D9M-F-HF-1M	1	2420560010	PAC-D9M-D9M-HF-1M	1	2420570010
15-pole male connector	PAC-D15M-F-HF-1M	1	2425980010	PAC-D15M-D15M-HF-1M	1	2426070010
25-pole male connector	PAC-D25M-F-HF-1M	1	2425990010	PAC-D25M-D25M-HF-1M	1	2426080010
37-pole male connector	PAC-D37M-F-HF-1M	1	2426000010	PAC-D37M-D37M-HF-1M	1	2426090010
9-pole female connector	PAC-D9F-F-HF-1M	1	2426020010	PAC-D9F-D9F-HF-1M	1	2426110010
15-pole female connector	PAC-D15F-F-HF-1M	1	2426030010	PAC-D15F-D15F-HF-1M	1	2426180010
25-pole female connector	PAC-D25F-F-HF-1M	1	2426040010	PAC-D25F-D25F-HF-1M	1	2426120010
37-pole female connector	PAC-D37F-F-HF-1M	1	2426050010	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 mm²
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			
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	≤ 60 V DC ≤ 25 V AC	≤ 60 V DC ≤ 25 V AC
Permissible current strength per path, max.	1 A	1 A
Total current, max.	3 A	3 A
Capacity wire / wires	300 pF/m	300 pF/m
Capacity wire / shield	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		

Ordering data

	Type	Qty.	Order No.	Type	Qty.	Order No.
15-pole male connector	PAC-HD15M-F-V0-1M	1	**1440810010**	PAC-HD15M-HD15M-V0-1M	1	**1440740010**
26-pole male connector	PAC-HD26M-F-V0-1M	1	**2093680010**	PAC-HD26M-HD26M-V0-1M	1	**2094720010**
44-pole male connector	PAC-HD44M-F-V0-1M	1	**2093910010**	PAC-HD44M-HD44M-V0-1M	1	**2094730010**
62-pole male connector				PAC-HD62M-HD62M-V0-1M	1	**2094770010**
15-pole female connector	PAC-HD15F-F-V0-1M	1	**1440780010**	PAC-HD15F-HD15F-V0-1M	1	**1440750010**
26-pole female connector	PAC-HD26F-F-V0-1M	1	**2093080010**	PAC-HD26F-HD26F-V0-1M	1	**2094140010**
44-pole female connector	PAC-HD44F-F-V0-1M	1	**2093090010**	PAC-HD44F-HD44F-V0-1M	1	**2094180010**
62-pole female connector				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	≤ 60 V DC ≤ 25 V AC
Permissible current strength per path, max.	1 A
Total current, max.	3 A
Capacity wire / wires	300 pF/m
Capacity wire / shield	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	

Ordering data

	Type	Qty.	Order No.
15-pin male/female connector	PAC-HD15M-HD15F-V0-1M	1	**1440770010**
26-pin male/female connector	PAC-HD26M-HD26F-V0-1M	1	**2003420010**
44-pin male/female connector	PAC-HD44M-HD44F-V0-1M	1	**1989360010**
62-pin male/female connector	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 mm²
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	PAC-ELCO20-F20-F20-1M	1	**7789760010**
20-pole socket / wire-end ferrules	PAC-ELCO20-F20-F-1M	1	**7789761010**
38-pole socket / 38-pole socket	PAC-ELCO38-F38-F38-1M	1	**7789762010**
38-pole socket / wire-end ferrules	PAC-ELCO38-F38-F-1M	1	**7789763010**
56-pole socket / 56-pole socket (only 32 poles connected)	PAC-ELCO56-F32-F32-1M	1	**7789773010**
56-pole socket / wire-end ferrules (only 32 poles connected)	PAC-ELCO56-F32-F1M	1	**7789774010**
56-pole socket / 56-pole socket (only 54 poles connected)	PAC-ELCO56-F54-F54-1M	1	**7789775010**
56-pole socket / wire-end ferrules (only 54 poles connected)	PAC-ELCO56-F54-F-1M	1	**7789776010**
56-pole socket / 56-pole socket	PAC-ELCO56-F56-F56-1M	1	**7789764010**
56-pole socket / wire-end ferrules	PAC-ELCO 56-F56-F-1M	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

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 mm²	Siemens S7-300 digital cards with Siemens 20 poles connector
1323930xxx	Siemens S7-300 20 poles crimping connector	Unshielded 0,5 mm²	Siemens S7-300 digital cards with Siemens 20 poles connector
7789607xxx	Siemens S7-300 20 poles crimping connector	Shielded LIYCY 0,25 mm²	Siemens S7-300 analog cards with Siemens 20 poles connector
7789608xxx	Siemens S7-300 40 poles crimping connector	Unshielded LIYY 0,25 mm²	Siemens S7-300 digital cards with Siemens 40 poles connector
1323960xxx	Siemens S7-300 40 poles crimping connector	Unshielded 0,5 mm²	Siemens S7-300 digital cards with Siemens 40 poles connector
7789609xxx	Siemens S7-300 40 poles crimping connector	Shielded LIYCY 0,25 mm²	Siemens S7-300 analog cards with Siemens 40 poles connector
1452610xxx	40 poles connector FCN	Unshielded LIYY 0,25 mm²	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 mm²	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 mm²	Siemens S7-1500 digital cards with 35 mm Siemens 40 poles connector
1466240xxx	Siemens S7-1500 35mm 40 poles	Shielded LIYCY 0,25 mm²	Siemens S7-1500 analog cards with 35 mm Siemens 40 poles connector
2000150xxx	Siemens S7-1500 35mm 40 poles	Unshielded 0,5 mm²	Siemens S7-1500 digital cards with 35 mm Siemens 40 poles connector
2579210xxx	Siemens S7-1500 25mm 40 poles	Unshielded LIYY 0,25 mm²	Siemens S7-1500 digital cards with 25 mm Siemens 40 poles connector
2579220xxx	Siemens S7-1500 25mm 40 poles	Shielded LIYCY 0,25 mm²	Siemens S7-1500 analog cards with 25 mm Siemens 40 poles connector
2579230xxx	Siemens S7-1500 25mm 40 poles	Unshielded 0,5 mm²	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 mm²	Siemens ET200SP digital cards with Starting base 6ES7193-6BP00-0DA0 16P
2732180xxx	Bridge base 6ES7193-6BP00-0BA0 16P	Shielded LIYCY 0,25 mm²	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 mm²	Rockwell Control Logix digital cards with Rockwell 20 poles connector
7789732xxx	Rockwell 1756-TBNH 20 poles	Shielded LIYCY 0,25 mm²	Rockwell Control Logix analog cards with Rockwell 20 poles connector
7789733xxx	Rockwell 1756-TBCH 36 poles	Unshielded LIYY 0,25 mm²	Rockwell Control Logix digital cards with Rockwell 36 poles connector
7789734xxx	Rockwell 1756-TBCH 36 poles	Shielded LIYCY 0,25 mm²	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 mm²	Rockwell Compact Logix digital cards with Rockwell 18 poles connector
1350270xxx	Rockwell 1769-RTBN18 18 poles	Shielded LIYCY 0,25 mm²	Rockwell Compact Logix analog cards with Rockwell 18 poles connector
1349880xxx	IDC connector 40 poles	Unshielded LIYY 0,14 mm²	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 mm²	Schneider M340 digital cards with Schneider 20 poles connector
2426750xxx	Schneider BMX FTB 2000 20 poles	Shielded LIYCY 0,25 mm²	Schneider M340 analog cards with Schneider 20 poles connector
2426760xxx	Schneider BMX FTB 2820 28 poles	Shielded LIYCY 0,25 mm²	Schneider M340 analog cards with Schneider 28 poles connector
1452610xxx	40 poles connector FCN	Unshielded LIYY 0,25 mm²	Schneider M340 digital cards with 40 poles connector
2509360xxx	40 poles connector FCN	Shielded LIYCY 0,25 mm²	Schneider M340 digital cards with 40 poles connector
Universal cables for Mitsubishi Melsec Q			
1452610xxx	40 poles connector FCN	Unshielded LIYY 0,25 mm²	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 mm²	Omron CJ1W digital cards with Omron 18 poles connector
2426790xxx	Omron CJ-OD507-18P 18 poles	Shielded LIYCY 0,25 mm²	Omron CJ1W analog cards with Omron 18 poles connector
1452610xxx	40 poles connector FCN	Unshielded LIYY 0,25 mm²	Omron CJ1W digital cards with 40 poles connector
Universal cables for GeFanuc RX3i			
2680830xxx	GeFanuc IC694ACC311 20 poles	Unshielded LIYY 0,25 mm²	RX3i digital cards with Gefanuc 28 poles connector
2680840xxx	GeFanuc IC694ACC311 20 poles	Shielded LIYCY 0,25 mm²	RX3i analog cards with Gefanuc 20 poles connector
7789842xxx	GeFanuc IC694TBS032 36 poles	Unshielded LIYY 0,25 mm²	RX3i digital cards with Gefanuc 38 poles connector
2435780xxx	GeFanuc IC694TBS032 36 poles	Shielded LIYCY 0,25 mm²	RX3i analog cards with Gefanuc 38 poles connector
Universal cables for Weidmüller u-remote			
1349790xxx	IDC connector 20 poles	Unshielded LIYY 0,14 mm²	Weidmuller U-Remote cards with DIN 41651 type 20 poles connector

Migration Systems

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

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.

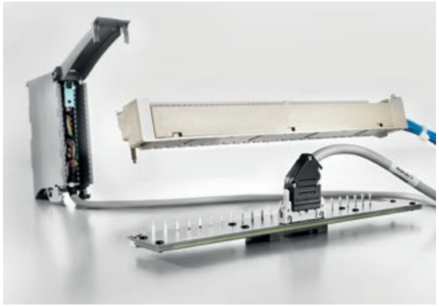
Step 3
In the last step, the rail with the new control is placed and connected to the other end of the pre-mounted cable.

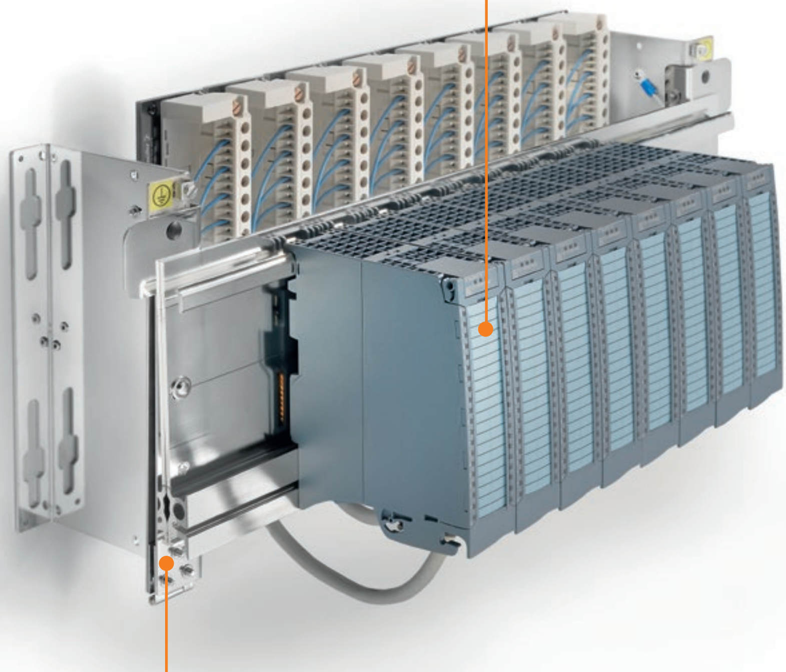
Your special advantages:

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.

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

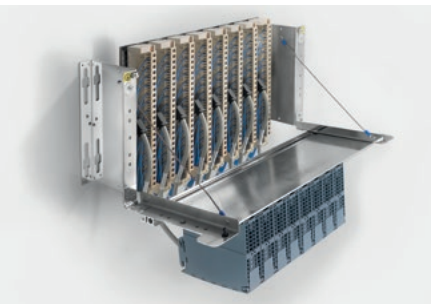
New system: Weidmüller u-remote

Siemens S5-115	Weidmüller u-remote	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			Order No.	Type	Qty.	Order No.	Type	Qty.
6ES5 420-7LA11	1315210000 UR20-16DI-P-PLC-INT (2 uds)	Input	32	1991730000	FAD S5115 2XHE20 32IO M	1	1349670xxx	PAC-UNIV-HE20-HE20-LLLM	2
6ES5 430-7LA12	1315210000 UR20-16DI-P-PLC-INT (2 uds)	Input	32	1991730000	FAD S5115 2XHE20 32IO M	1	1349670xxx	PAC-UNIV-HE20-HE20-LLLM	2
6ES5 441-7LA12	1315270000 UR20-16DO-P-PLC-INT (2 uds)	Output	32	1991730000	FAD S5115 2XHE20 32IO M	1	1349670xxx	PAC-UNIV-HE20-HE20-LLLM	2
6ES5 451-7LA11	1315270000 UR20-16DO-P-PLC-INT (2 uds)	Output	32	1991730000	FAD S5115 2XHE20 32IO M	1	1349670xxx	PAC-UNIV-HE20-HE20-LLLM	2
6ES5 451-7LA12	1315270000 UR20-16DO-P-PLC-INT (2 uds)	Output	32	1991730000	FAD S5115 2XHE20 32IO M	1	1349670xxx	PAC-UNIV-HE20-HE20-LLLM	2
6ES5 451-7LA21	1315270000 UR20-16DO-P-PLC-INT (2 uds)	Output	32	1991730000	FAD S5115 2XHE20 32IO M	1	1349670xxx	PAC-UNIV-HE20-HE20-LLLM	2
6ES5 454-7LA12	1315270000 UR20-16DO-P-PLC-INT	Output	16	1986010000	FAD S5115 HE20 16IO M	1	1349670xxx	PAC-UNIV-HE20-HE20-LLLM	1

New system: Siemens S7-1500

Siemens S5-115	Siemens S7-1500	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			Order No.	Type	Qty.	Order No.	Type	Qty.
6ES5 420-7LA11	6ES7521-1BL00-0AB0	Input	32	1991730000	FAD S5115 2XHE20 32IO M	1	1462040xxx	PAC-S1500-HE20-V0-LLLM	1
6ES5 430-7LA12	6ES7521-1BL00-0AB0	Input	32	1991730000	FAD S5115 2XHE20 32IO M	1	1462040xxx	PAC-S1500-HE20-V0-LLLM	1
6ES5 431-7LA11	6ES7521-1BH00-0AB0 (only 24 V DC)	Input	16	1986010000	FAD S5115 HE20 16IO M	1	1462090xxx	PAC-S1500-HE20-V1-LLLM	1
6ES5 435-7LA11	6ES7521-1FH00-0AA0	Input	16	1985980000	FAD S5115 SL24 M	1	2004530xxx	PAC-S1500-SL24-AR1-LLLM	1
6ES5 436-7LA11	6ES7521-1FH00-0AA0	Input	16	1985980000	FAD S5115 SL24 M	1	2004530xxx	PAC-S1500-SL24-AR1-LLLM	1
6ES5 441-7LA12	6ES7522-1BL00-0AB0	Output	32	1991730000	FAD S5115 2XHE20 32IO M	1	1462040xxx	PAC-S1500-HE20-V0-LLLM	1
6ES5 451-7LA11	6ES7522-1BL00-0AB0	Output	32	1991730000	FAD S5115 2XHE20 32IO M	1	1462040xxx	PAC-S1500-HE20-V0-LLLM	1
6ES5 451-7LA12	6ES7522-1BL00-0AB0	Output	32	1991730000	FAD S5115 2XHE20 32IO M	1	1462040xxx	PAC-S1500-HE20-V0-LLLM	1
6ES5 451-7LA21	6ES7522-1BL00-0AB0	Output	32	1991730000	FAD S5115 2XHE20 32IO M	1	1462040xxx	PAC-S1500-HE20-V0-LLLM	1
6ES5 454-7LA12	6ES7522-1BH00-0AB0	Output	16	1986010000	FAD S5115 HE20 16IO M	1	1462090xxx	PAC-S1500-HE20-V1-LLLM	1
6ES5 458-7LC11	6ES7522-5HF00-0AB0 (2 units)	Output	16	1985980000	FAD S5115 SL24 M	1	2004540xxx	PAC-S1500-SL24-AY0-LLLM	1

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.



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	Weidmüller u-remote	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			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 430-7LA12	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 Weidmuller Migration rail 2003740000 is needed too

New system: Siemens S7-1500

Siemens S5-115	Siemens S7-1500	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			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	Siemens S7-300	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			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	Weidmüller u-remote	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			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 Weidmuller Migration rail 2003740000 is needed too

New system: Siemens S7-1500

Siemens S5-135	Siemens S7-1500	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			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-AR0-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-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 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	Siemens S7-300	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			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-AR0-LLLM	1
6ES5 436-4UB12	6ES7321-1FF10-0AA0	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-AY0-LLLM	1
6ES5 456-4UB12	6ES7322-1HF10-0AA0	Digital Output	8	1986030000	FAD S5135 SL20 R	1	2004850xxx	PAC-S300-SL20-AY1-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	Weidmüller u-remote	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			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 Weidmuller Migration rail 2003740000 is needed too

New system: Siemens S7-1500

Schneider TSX7	Siemens S7-1500	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			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-AR0-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 8FAD'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	Siemens S7-300	Card type	Number of signals	FAD			CABLES		
Old Card	New Card			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

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 S5-115/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

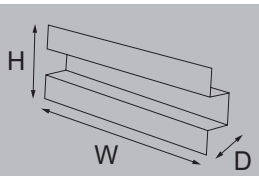
	Front-adaptor FAD		Pre-assembled cables			
	Order No.	Type	Order No.	Type	Type of cable	Number of cables /FAD
SIEMENS S5-115	**1986010000**	FAD S5115 HE20 16I0 M	**1349790XXX**	PAC-UNIV-HE20-F-XXXX	unshielded cable 0.14 mm²	1
SIEMENS S5-115	**1991730000**	FAD S5115 2XHE20 32I0 M	**1349790XXX**	PAC-UNIV-HE20-F-XXXX	unshielded cable 0.14 mm²	2
SIEMENS S5-115	**1985980000**	FAD S5115 SL24 M	**2789780XXX**	PAC-BL24-F-M50-XXXX	shielded cable 0.5 mm²	1
SIEMENS S5-115	**2045120000**	FAD S5115 SL46 A M	**2789800XXX**	PAC-BL46-F-M50-XXXX	shielded cable 0.5 mm²	1
SIEMENS S5-135	**1986040000**	FAD S5135 HE20 16I0 R	**1349790XXX**	PAC-UNIV-HE20-F-XXXX	unshielded cable 0.14 mm²	1
SIEMENS S5-135	**1986050000**	FAD S5135 2XHE20 32I0 R	**1349790XXX**	PAC-UNIV-HE20-F-XXXX	unshielded cable 0.14 mm²	2
SIEMENS S5-135	**1986030000**	FAD S5135 SL20 R	**2789770XXX**	PAC-BL20-F-M50-XXXX	shielded cable 0.5 mm²	1
SIEMENS S5-135	**2435110000**	FAD S5135 SL42 A R	**2789790XXX**	PAC-BL42-F-M50-XXXX	shielded cable 0.5 mm²	1
SCHNEIDER TSX7	**1985940000**	FAD BLK1 HE20 16I M	**1349790XXX**	PAC-UNIV-HE20-F-XXXX	unshielded cable 0.14 mm²	1
SCHNEIDER TSX7	**1985950000**	FAD BLK1 HE20 16O M	**1349790XXX**	PAC-UNIV-HE20-F-XXXX	unshielded cable 0.14 mm²	1
SCHNEIDER TSX7	**1985930000**	FAD BLK1 SL24 M	**2789780XXX**	PAC-BL24-F-M50-XXXX	shielded cable 0.5 mm²	1
SCHNEIDER TSX7	**1985960000**	FAD BLK7 2XHE20 M	**1349790XXX**	PAC-UNIV-HE20-F-XXXX	unshielded cable 0.14 mm²	2
SCHNEIDER TSX7	**1985970000**	FAD BLK9 2XHE20 M	**1349790XXX**	PAC-UNIV-HE20-F-XXXX	unshielded cable 0.14 mm²	2
SCHNEIDER TSX7	**2494590000**	FAD BLK4 2XSL20	**2830380XXX**	PAC-2BLZF20-F-C50-V1-XXXX	shielded cable 0.5 mm²	1
SCHNEIDER PREMIUM	**8000070313**	FAD PREM BLY01	**2830390XXX**	PAC-2B2CF10-F-XXXX	shielded cable 0.5 mm²	1
SCHNEIDER PREMIUM	**8000070314**	FAD PREM 4HE20	**2865890XXX**	PAC-B2CF20-F-XXXX	unshielded cable 0.14 mm²	4
SCHNEIDER PREMIUM	**8000070315**	FAD PREM 2SD25F	**2865900XXX**	PAC-B2CF26-F-XXXX	shielded cable 0.5 mm²	2
ROCKWELL PLC-5	**2448650000**	FAD 1771-WA/WC BL10 M	**2679940XXX**	PAC-BLZF10-F-C50-XXXX	single cable 0.5 mm²	1
ROCKWELL PLC-5	**2448680000**	FAD 1771-WB/WD BL12 M	**2679960XXX**	PAC-BLZF12-F-C50-XXXX	single cable 0.5 mm²	1
ROCKWELL PLC-5	**2448660000**	FAD 1771-WH BL21 M	**2679980XXX**	PAC-2BLZF11-F-C50-XXXX	single cable 0.5 mm²	1
ROCKWELL PLC-5	**2563110000**	FAD 1771-WG BL21 M	**2820530XXX**	PAC-2BLZF11-F-C50-V1-XXXX	single cable 0.5 mm²	1
ROCKWELL PLC-5	**2448690000**	FAD 1771-WF BL18 M	**2679970XXX**	PAC-BLZF18-F-C50-XXXX	single cable 0.5 mm²	1
ROCKWELL PLC-5	**2448670000**	FAD 1771-WN 2BL20 M	**2679950XXX**	PAC-2BLZF20-F-C50-XXXX	single cable 0.5 mm²	1

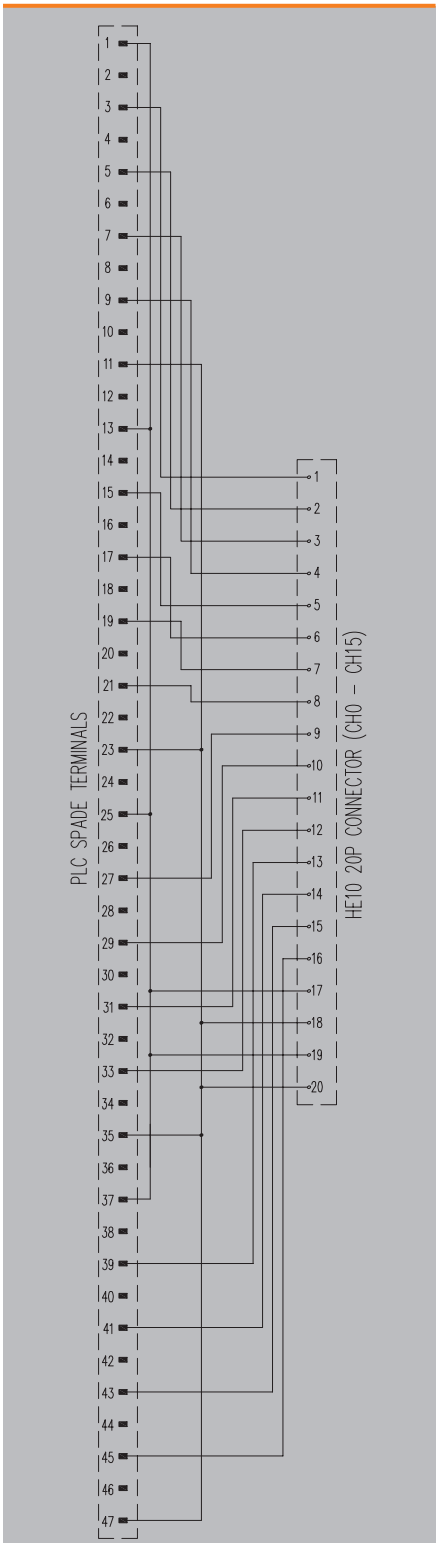
FAD – front adapters for migrations from Siemens S5-115

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

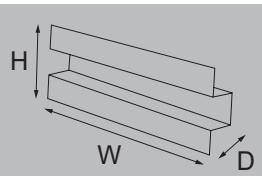
Accessories

Note

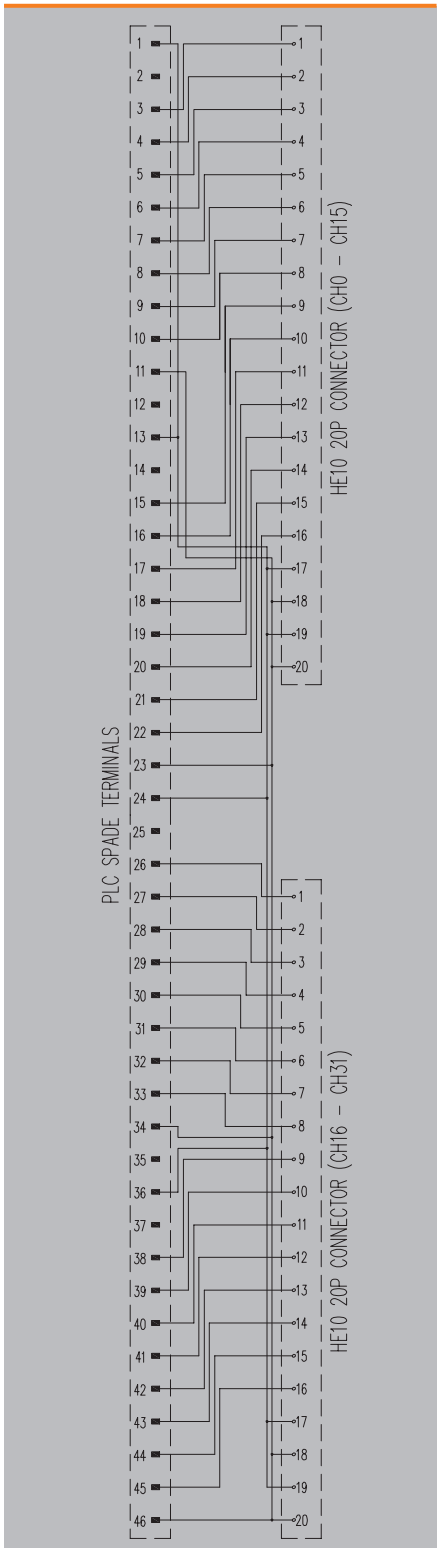
FAD – front adapters for migrations from Siemens S5-115

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 2XHE20 32IO 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	< 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 2XHE20 32IO M	1	1991730000

Note

Accessories

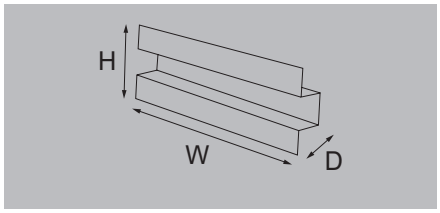
Note

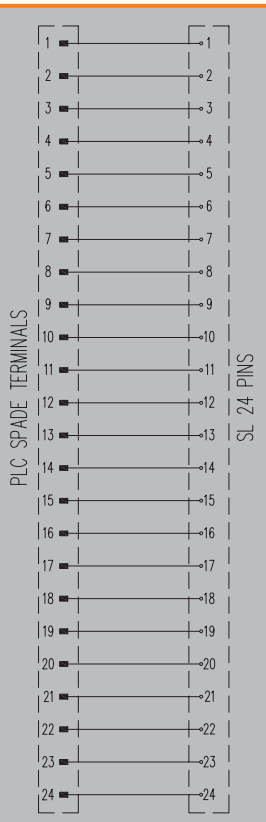
FAD – front adapters for migrations from Siemens S5-115

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

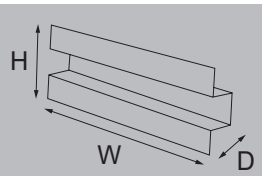
Accessories

Note	1610590000 - BLC 5.08/12/180R OR BX (2 units)

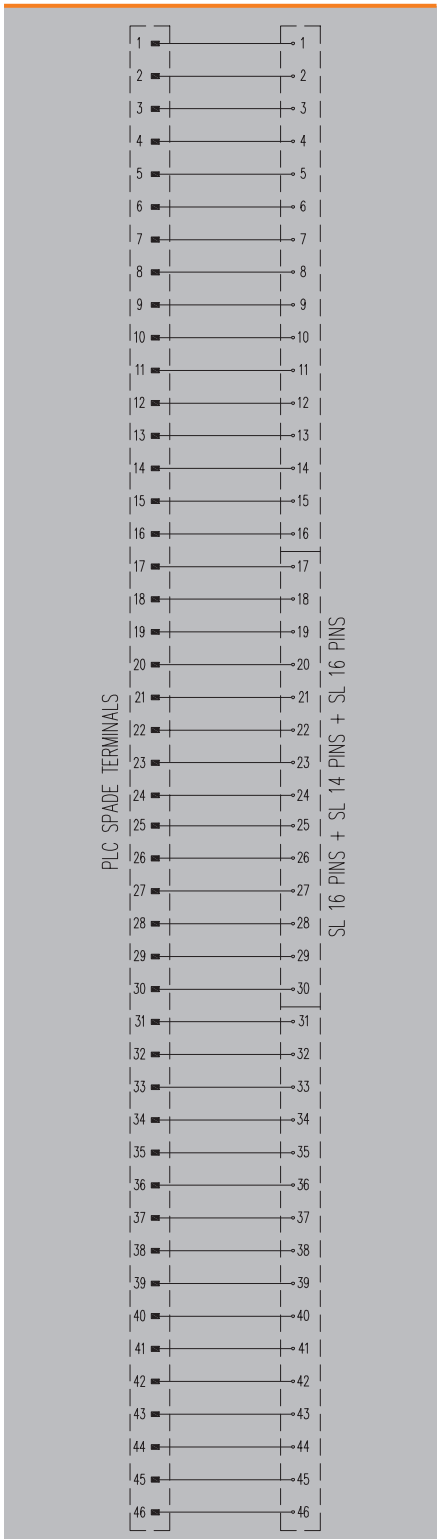
FAD – front adapters for migrations from Siemens S5-115

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
Note	

Ordering data

Type	Qty.	Order No.
FAD S5115 SL46 A M	1	2045120000

Note	

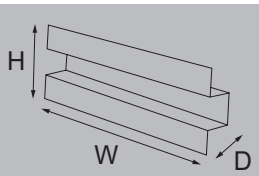
Accessories

Note	1610630000 - BLC 5.08/16/180R OR BX (2 units)+1610610000 - CON. BLC 5.08/14/180R OR BX

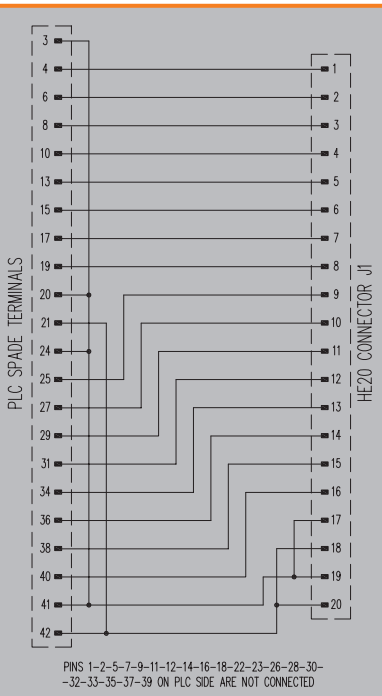
FAD – front adapters for migrations from Siemens S5-135

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)	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	20 mm / 283 mm / 30 mm

Note

Ordering data

Type	Qty.	Order No.
FAD S5135 HE20 16IO R	1	1986040000

Note

Accessories

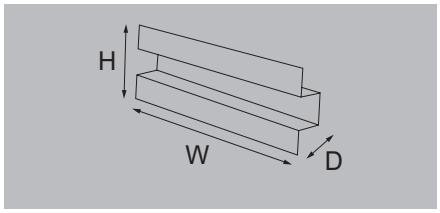
Note

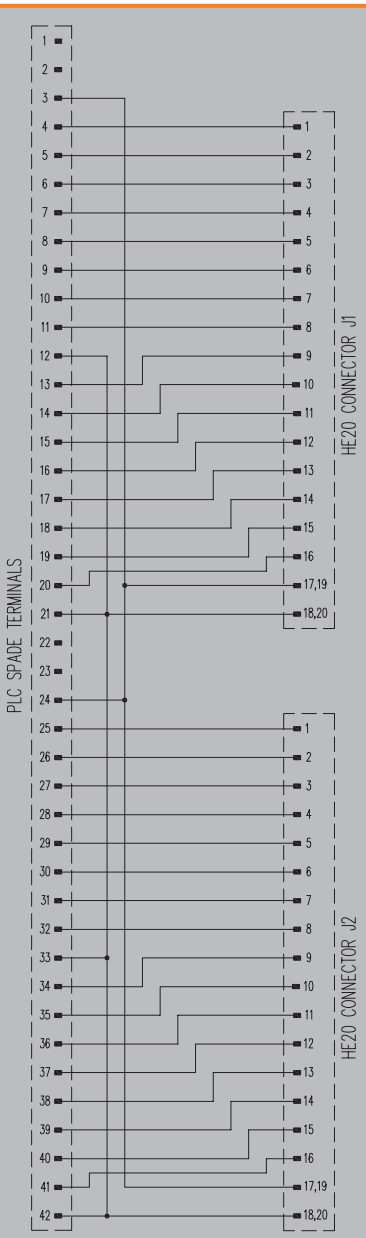
FAD – front adapters for migrations from Siemens S5-135

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)	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	< 50 V AC
Surge voltage category	III
Pollution severity level	2
Insulation test voltage	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

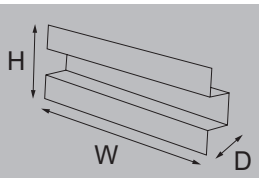
Accessories

Note

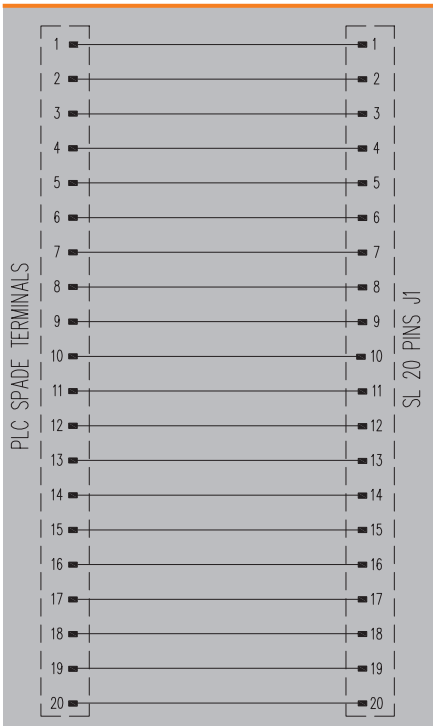
FAD – front adapters for migrations from Siemens S5-135

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

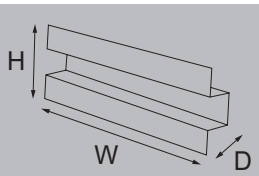
Note	1610570000 - BLC 5.08/10/180R OR BX (2 units)

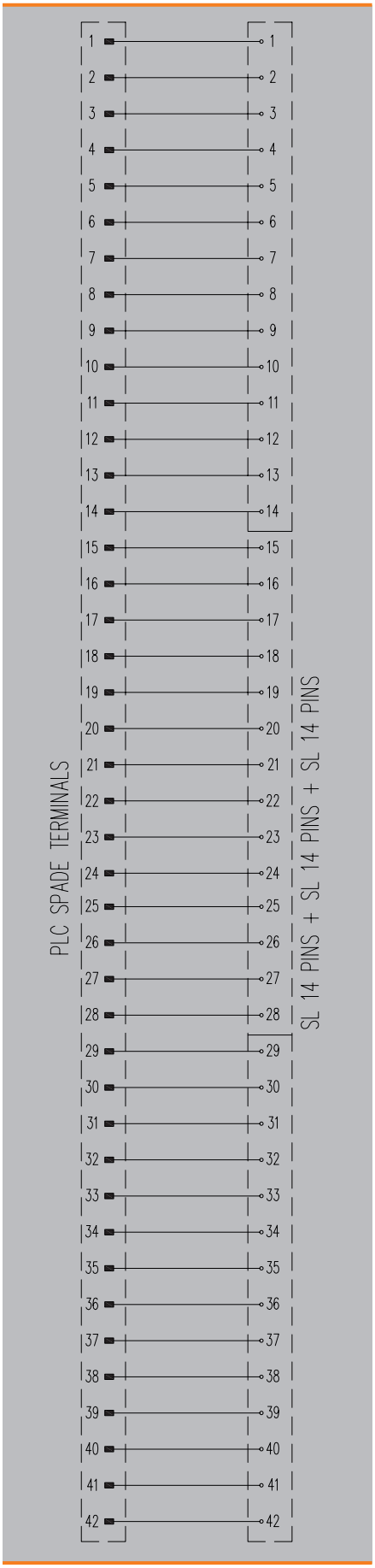
FAD – front adapters for migrations from Siemens S5-135

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

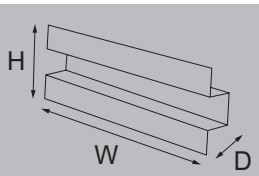
Accessories

Note	1610610000 - BLC 5.08/14/180R OR BX (3 units)

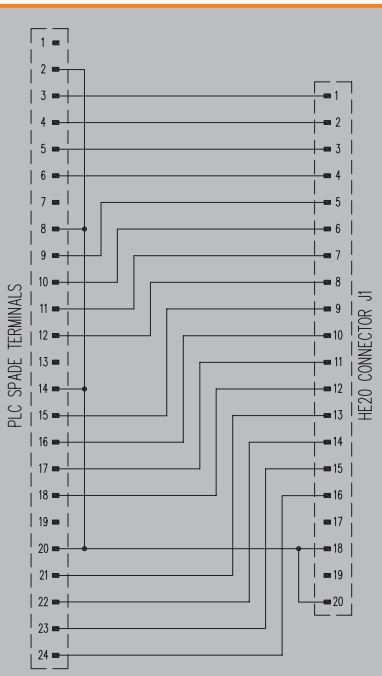
FAD – front adapters for migrations from Schneider TSX

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)	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	54 mm / 218 mm / 40 mm

Note

Ordering data

Type	Qty.	Order No.
FAD BLK1 HE20 16I M	1	**1985940000**

Note

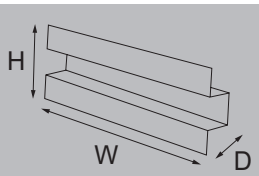
Accessories

Note

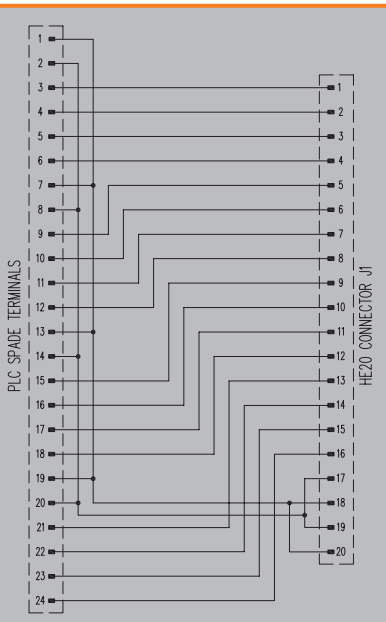
FAD – front adapters for migrations from Schneider TSX

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 HE20 160 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	54 mm / 218 mm / 36 mm

Note

Ordering data

Type	Qty.	Order No.
FAD BLK1 HE20 160 M	1	1985950000

Note

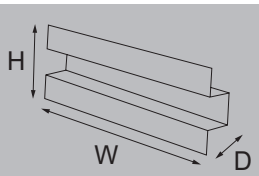
Accessories

Note

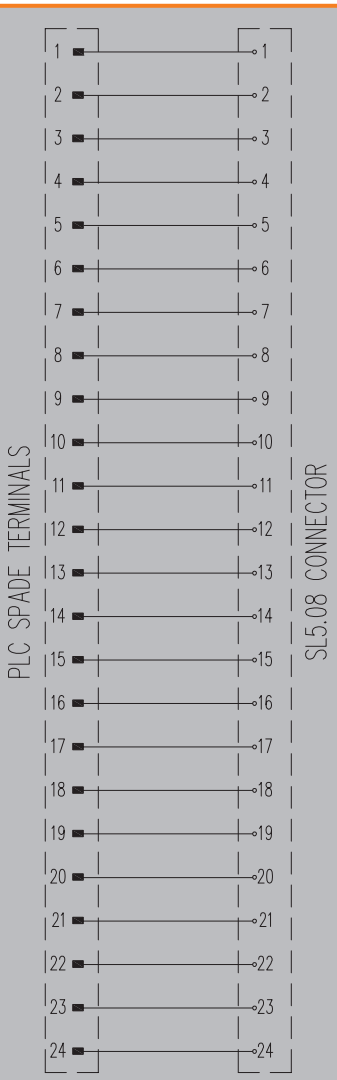
FAD – front adapters for migrations from Schneider TSX

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

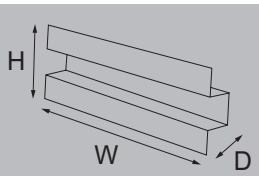
Note	1610590000 - BLC 5.08/12/180R OR BX (2 units)

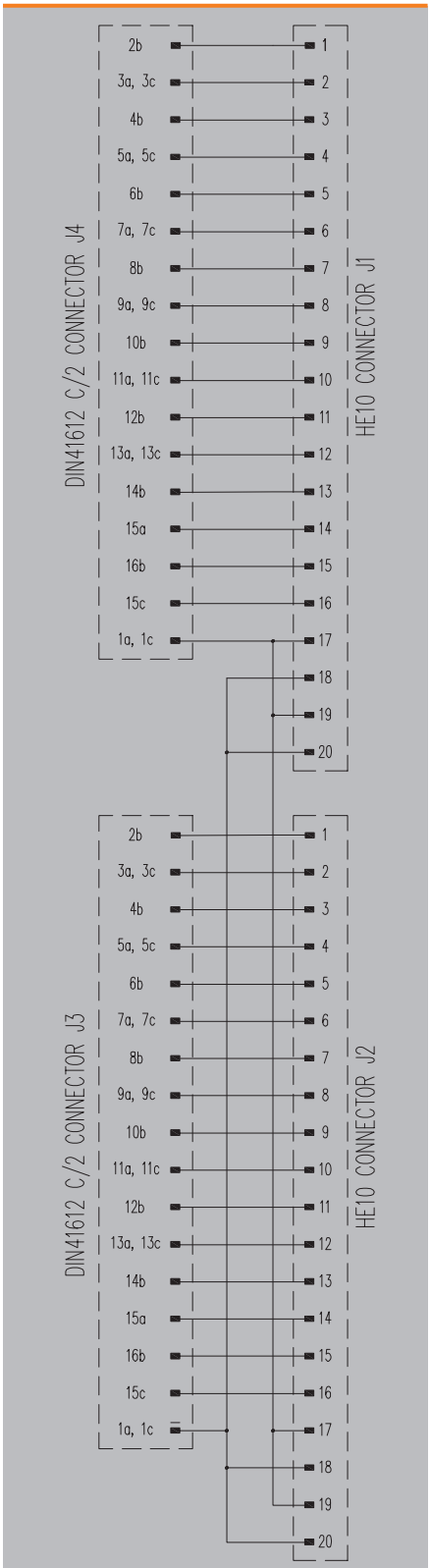
FAD – front adapters for migrations from Schneider TSX

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)	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

Note

Ordering data

Type	Qty.	Order No.
FAD BLK7 2XHE20 M	1	1985960000

Note

Accessories

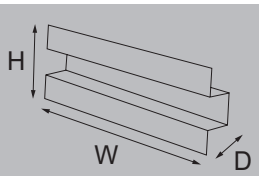
Note

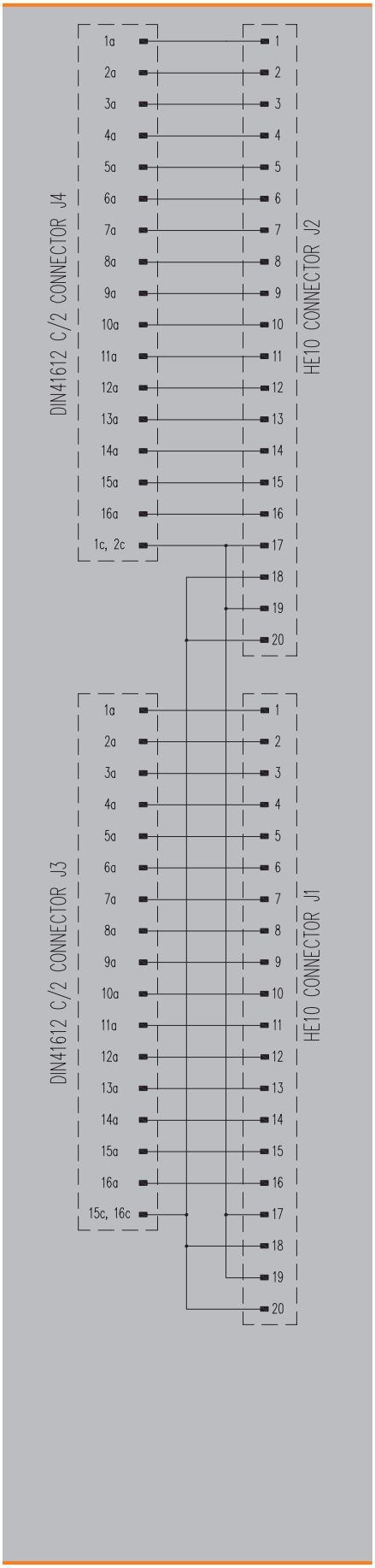
FAD – front adapters for migrations from Schneider TSX

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

Note

Ordering data

Type	Qty.	Order No.
FAD BLK9 2XHE20 M	1	1985970000

Note

Accessories

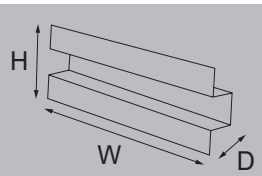
Note

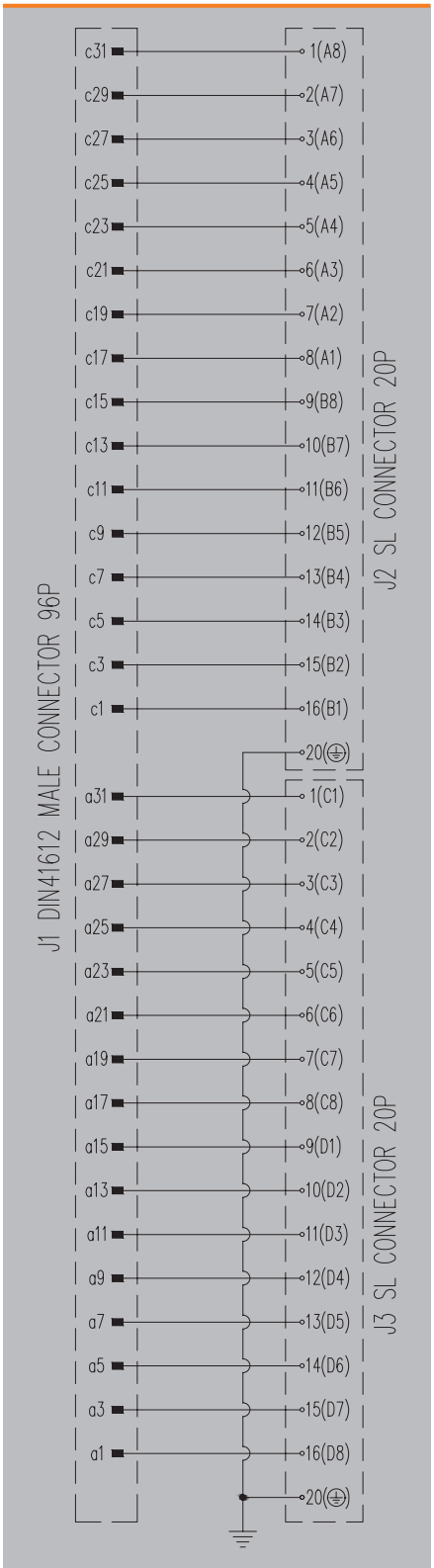
FAD – front adapters for migrations from Schneider TSX

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)	2 x Connector according IEC60603-13/DIN41651 20 p
Rated data	
Operating voltage	30 V AC / 60 V DC
Max. current per channel	3 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	50 V AC / 71 V DC
Surge voltage category	III
Pollution severity level	2
Insulation test voltage	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

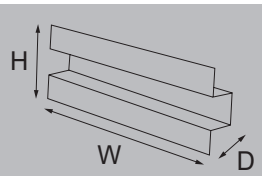
Note

Accessories

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

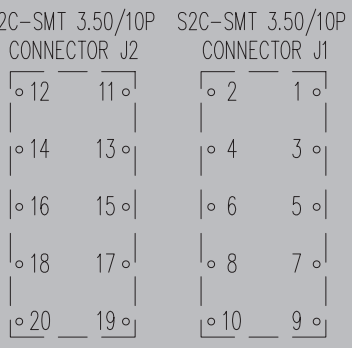
Type	Qty.	Order No.
FAD PREM BLY01	1	8000070313

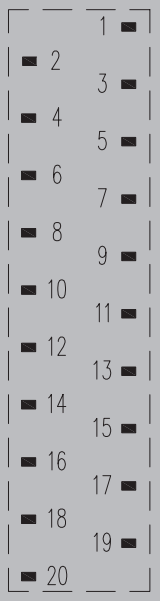
Note

Accessories

Note

CONNECTORS WITH PIN ASSIGNMENTS





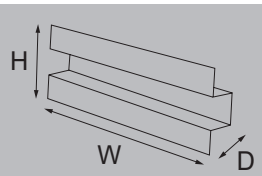
PLC SPADE TERMINALS

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

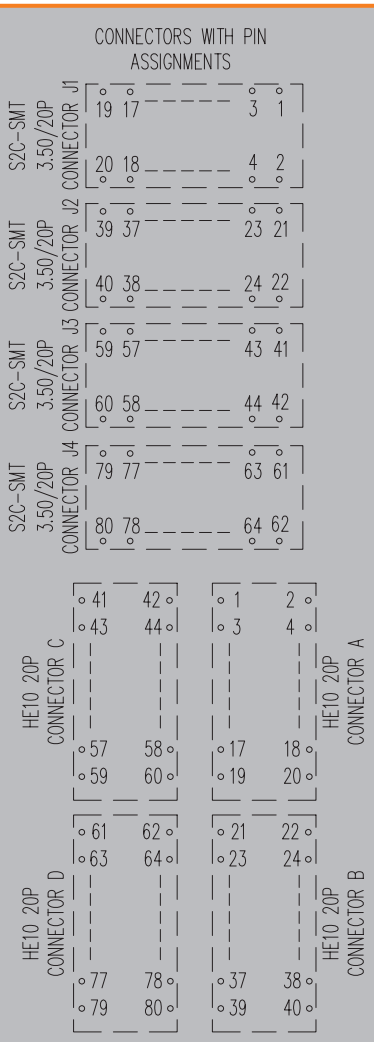
Type	Qty.	Order No.
FAD PREM 4HE20	1	**8000070314**

Note	

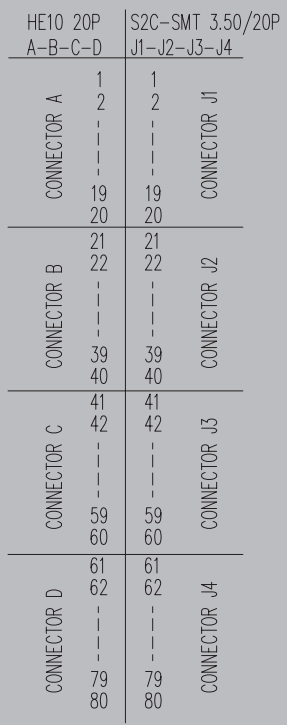
Accessories

Note	1277360000 B2CF 3.50/20/180 SN OR BX (4 units)

CONNECTORS WITH PIN ASSIGNMENTS

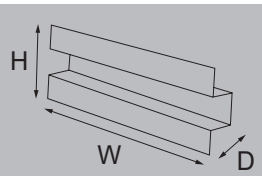


SCHEMATIC TABLE



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

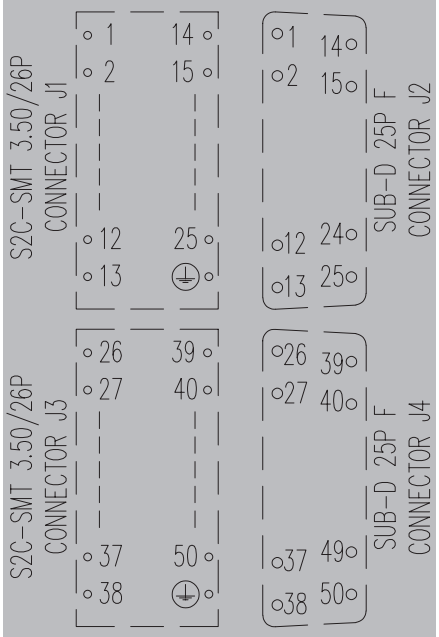
Type	Qty.	Order No.
FAD PREM 2SD25F	1	8000070315

Note	

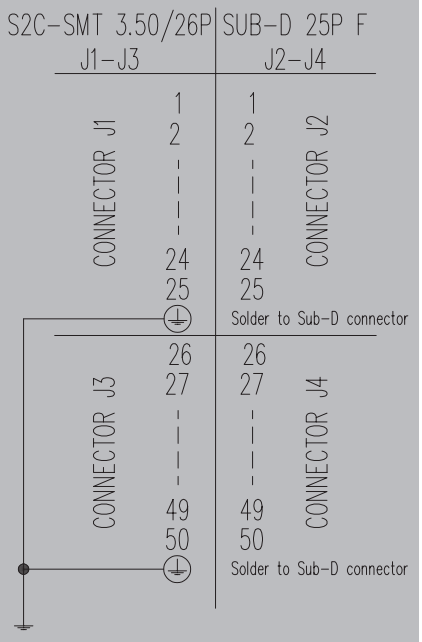
Accessories

Note	1277790000 B2CF 3.50/26/180F SN OR BX (2 units)

CONNECTORS WITH PIN ASSIGNMENTS



SCHEMATIC TABLE

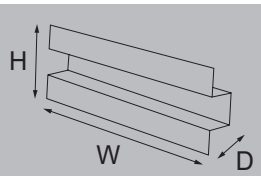


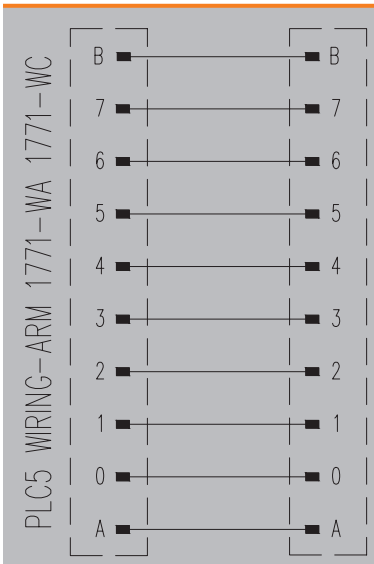
FAD – Front adapters for migration - Rockwell PLC-5

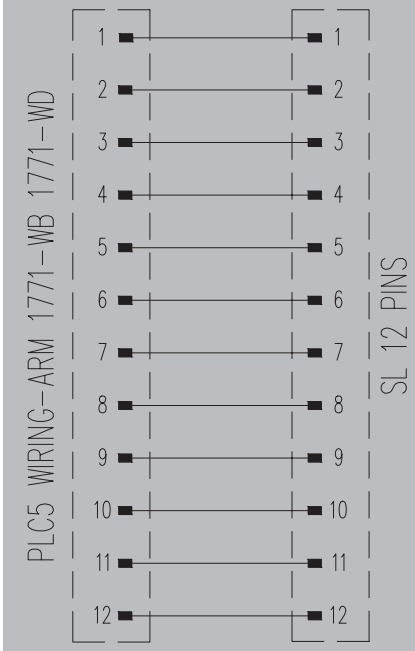
The FAD PLC-5 front adapters with pre-assembled cables provide safe migration from the PLC-5 cards to other PLC systems or to the U-REMOTE modules from Weidmüller.

- 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

Dimensions	
Width / Height / Depth	32 mm / 269 mm / 53 mm

Note	

Ordering data

	Type	Qty.	Order No.
FAD for wiring-arm WA-WC	FAD 1771-WA/WC SL10 M US	1	7940125447
FAD for wiring-arm WB-WD	FAD 1771-WB/WD SL12 M US	1	7940125450

Note	

Accessories

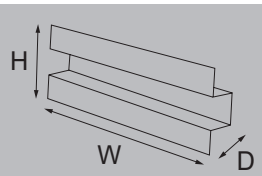
Note	
	7940125447: 1690960000 - BLZF 3.50/10/180F SN OR BX 7940125450: 1690980000 - BLZF 3.50/12/180F SN OR BX

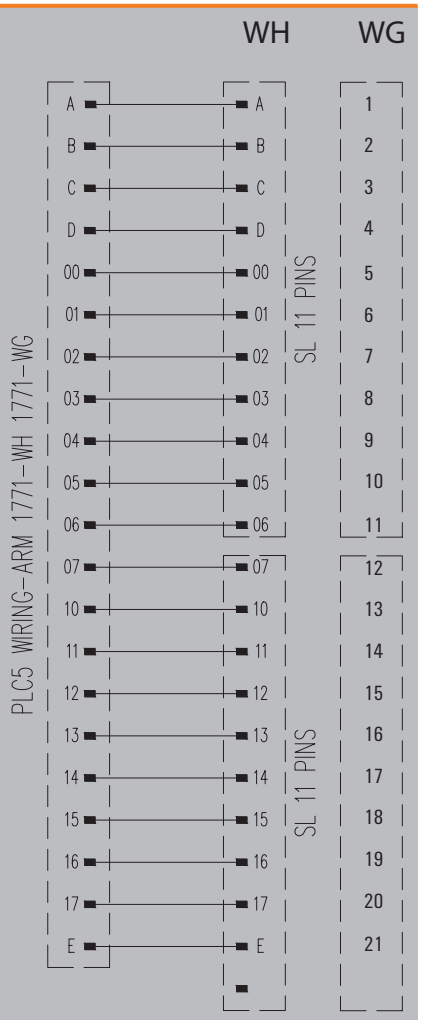
FAD – Front adapters for migration - Rockwell PLC-5

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-WG/WH





FAD 1771-WH SL21 M
FAD 1771-WG SL21 M

Technical data

Rated data	
Operating voltage, max.	< 250 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

Dimensions	
Width / Height / Depth	32 mm / 269 mm / 33 mm

Note	

Ordering data

	Type	Qty.	Order No.
FAD for wiring-arm WH/WHF/WHFR	FAD 1771-WH SL21 M US	1	7940125448
FAD for wiring-arm WG	FAD 1771-WG SL21 M US	1	7940125452

Note	

Accessories

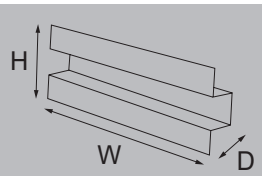
Note	
	1690970000 - BLZF 3.50/11/180F SN OR BX (2 units)

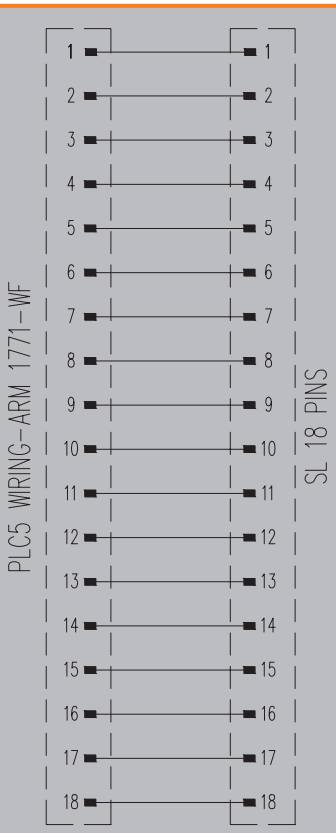
FAD – Front adapters for migration - Rockwell PLC-5

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

Dimensions	
Width / Height / Depth	32 mm / 269 mm / 53 mm

Note	

Ordering data

	Type	Qty.	Order No.
FAD for wiring-arm WE/WF/WI	FAD 1771-WF SL18 M US	1	7940125451

Note	

Accessories

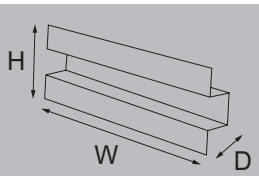
Note	
	1691040000 - BLZF 3.50/18/180F SN OR BX

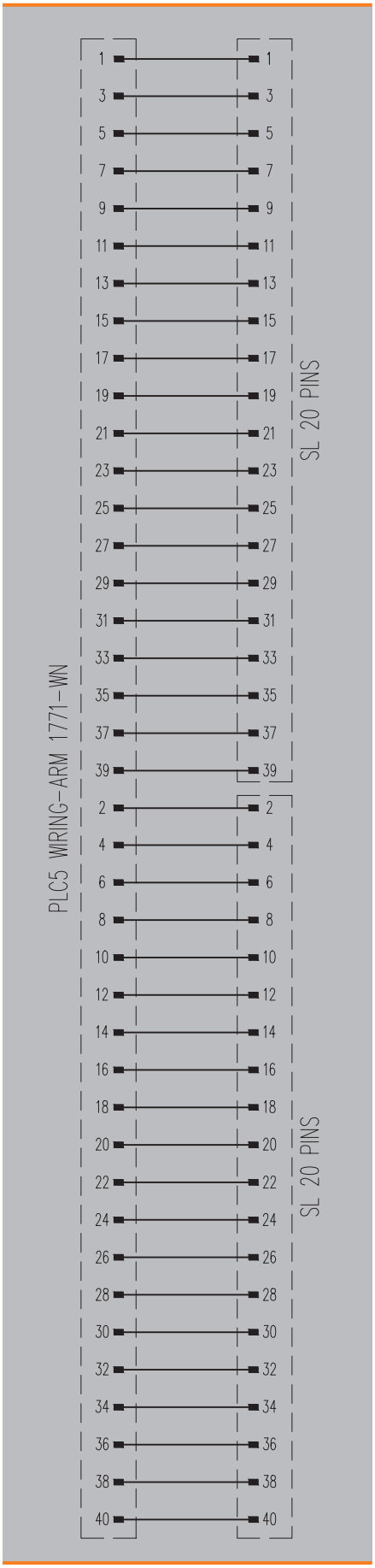
FAD – Front adapters for migration - Rockwell PLC-5

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.	< 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

Dimensions	
Width / Height / Depth	32 mm / 269 mm / 33 mm

Note	

Ordering data

	Type	Qty.	Order No.
FAD for wiring-arm WN	FAD 1771-WN S2L20 M US		7940125449

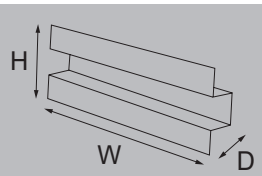
Note	

Accessories

Note	1690370000 - BLZF 3.50/20/180 SN OR BX (2 units)

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 S5 115 H

MIGRATION RACK S5 135 H

Technical data

	MIGRATION RACK S5 115 H	MIGRATION RACK S5 135 H
Material		
Material	Stainless steel, rust-proof	Stainless steel, rust-proof
Dimensions		
Height / Depth	221 mm / 134 mm	221 mm / 134 mm
Note		

Ordering data

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

Accessories

Note	
	19" Rails: S7-1500 6ES7590-1AE80-0AA0, S7-300 6ES7390-1AE80-0AA0, Premium TSX RKY 12, Weidmüller TS35 8000075320

Note	
	19" Rails: S7-1500 6ES7590-1AE80-0AA0, S7-300 6ES7390-1AE80-0AA0, Premium TSX RKY 12, Weidmüller TS35 8000075320

MIGRATION RACK – Migration accessories

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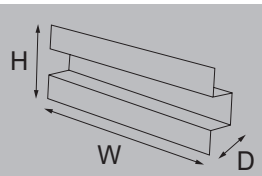
- The front adapters (FAD) are installed in the bottom section of the rack while the new PLC is located in the top section
- The racks are fitted with a hinge that provides access to the old cabling



MIGRATION RACK TSX7 H

MIGRATION RACK PLC5 H

Technical data

	MIGRATION RACK TSX7 H	MIGRATION RACK PLC5 H
Material		
Material	Stainless steel, rust-proof	Stainless steel, rust-proof
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 accesories selection table for migration between PLC5 to Weidmüller/ Siemens/Schneider/ControlLogix/ControlEdge PLC's in this chapter.

Accesories selection table for migration between PLC-5 to Weidmüller/Siemens/Schneider/ControlLogix/ControlEdge PLC's

RACK PLC-5		MIGRATION SYSTEM							
OLD RACK PLC		MIGRATION RACK		NEW RACK PLC			MIGRATION ACCESORIES		
Manufacturer code	Description	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	
				SIEMENS	ET 200SP		8000074840	PLATE PLC5-8S DIN RAIL TS35	
					ET 200SP HA	6DL1193-6MD00-0AA0 (A)	not accesory needed		
					S7-1500	6ES7590-1BC00-0AA0 (A)	not accesory needed		
					S7-300 / ET200M	6ES7390-1BC00-0AA0 (A)	not accesory needed		
						6ES7195-1GC00-0XA0 (A)	not accesory 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 accesory needed		
					MODICON M580	BME-XBP-0400	8000074841	PLATE PLC5-8S BMX-E 4-6S	
						BME-XBP-0600			
						BME-XBP-0800	not accesory needed		
				ROCKWELL	CONTROL LOGIX	1756-A4	8000074842	PLATE PLC5-8S CTLX A4-7	
						1756-A7			
				HONEYWELL	CONTROL EDGE	900R04	8000074843	PLATE PLC5-8S CTEDGE 4-8S	
						900R08			
1771-A3B1	CHASSIS PLC-5 SERIES B 12 SLOTS	8000075319	MIGRATION RACK PLC5-12S H	WEIDMÜLLER	U-REMOTE		8000075320	PLATE DIN RAIL TS35 19INCH	
				SIEMENS	ET 200SP		8000075320	PLATE DIN RAIL TS35 19INCH	
					ET 200SP HA	6DL1193-6MC00-0AA0 (B)	not accesory needed		
					S7-1500	6ES7590-1AE80-0AA0 (B)	not accesory needed		
					S7-300 / ET200M	6ES7390-1AE80-0AA0 (B)	not accesory needed		
						6ES7195-1GA00-0XA0 (B)	not accesory 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			
						BMX-XBP-1200	not accesory needed		
					MODICON M580	BME-XBP-0400	8000073869	PLATE BMX-E 4-6-8S 19INCH	
						BME-XBP-0600			
						BME-XBP-0800			
						BME-XBP-1200	not accesory needed		
				ROCKWELL	CONTROL LOGIX	1756-A4	8000074062	PLATE PLC5-12S CTLX A4-7-10-13	
						1756-A7			
						1756-A10			
						1756-A13			
				HONEYWELL	CONTROL EDGE	900R04	8000074063	PLATE PLC5-12S CTEDGE 4-8-12S	
						900R08			
						900R012			
						900R08R	8000074064	PLATE PLC5-12S CTEDGE 8S+RPS	
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	
				SIEMENS	ET 200SP		8000074845	PLATE PLC5-16S DIN RAIL TS35	
					ET 200SP HA	6DL1193-6MD00-0AA0 (A)	not accesory needed		
					S7-1500	6ES7590-1BC00-0AA0 (A)	not accesory needed		
					S7-300 / ET200M	6ES7390-1BC00-0AA0 (A)	not accesory needed		
						6ES7195-1GG30-0XA0 (B)	not accesory 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			
						BMX-XBP-1200			
					MODICON M580	BME-XBP-0400	8000074846	PLATE PLC5-16S BMX-E 4-6-8-12S	
						BME-XBP-0600			
						BME-XBP-0800			
						BME-XBP-1200			
				ROCKWELL	CONTROL LOGIX	1756-A4	8000074847	PLATE PLC5-16S CTLX A4-7-10-13	
						1756-A7			
						1756-A10			
						1756-A13			
						1756-A17	8000074848	PLATE PLC5-16S CTLX A17	
				HONEYWELL	CONTROL EDGE	900R04	8000074849	PLATE PLC5-16S CTEDGE 4-8-12S	
						900R08			
						900R012			
						900R08R	8000074850	PLATE PLC5-16S CTEDGE 8-12S+RPS	
						900R012R			

Note:
(A) Accesory has to be bought to Siemens and cutted.
(B) Accesory 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.

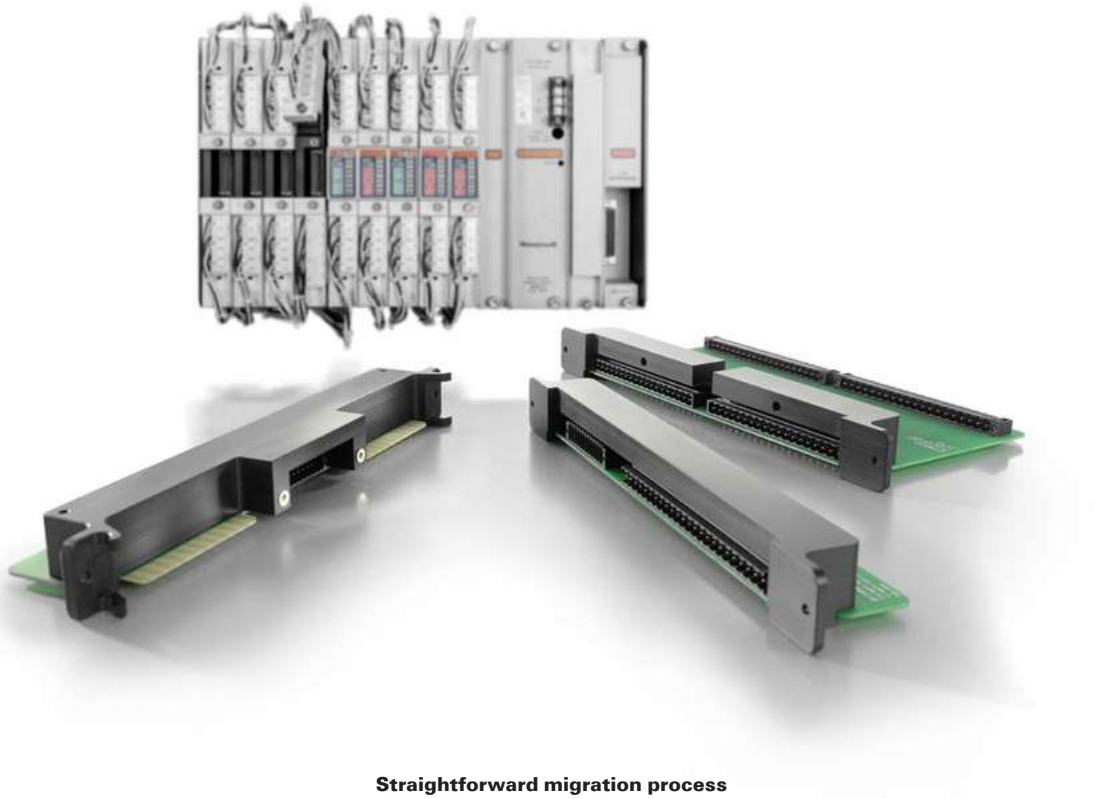
In many industries, plant operators need to perform PLC system updates without any downtimes. In situations such as these, PLC migration adapters from Weidmüller are the perfect solution.

Your special advantages:

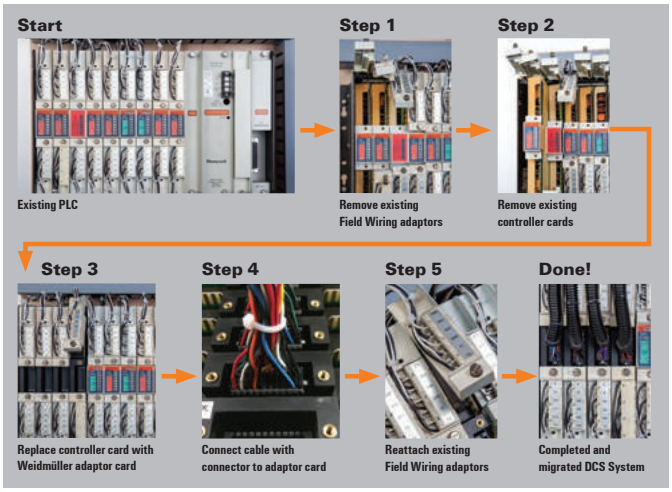
Straightforward PLC/DCS conversion within a few short hours
All components are immediately ready for use following the conversion, and existing field terminations remain grounded. Interlocking plug-in connectors prevent cabling errors. The old rack remain in place simplifying the installation time.

Minimal number of components
Weidmuller'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.

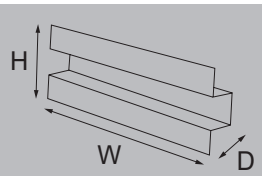
PLC-5 Card (Cardsytem)	Front-adaptor FAD		Pre-assembled cable			
Wiring-arms	Order No	Type	Order No	Type	Type of cable	Number of cables /FAD
WA/WC	**6720001398**	SP-RS PLC PLC5 1771-WA/WC	**2757730XXX**	PAC-BL12-F-C50-V0-XXXX	single cable 0.5 mm²	1
WB/WD	**6720001397**	SP-RS PLC PLC5 1771-WB/WD	**2757740XXX**	PAC-BL12-F-C50-XXXX	single cable 0.5 mm²	1
WE/WF/WI	**6720001399**	SP-RS PLC PLC5 1771-WI 18CH	**2757750XXX**	PAC-B2CF22-F-C50-V0-XXXX	single cable 0.5 mm²	1
WH/WHF/WHFB	**7940125460**	SP-RS PLC PLC5 1771-H/F/FB	**2757760XXX**	PAC-B2CF22-F-C50-V1-XXXX	single cable 0.5 mm²	1
WG	**7940125466**	SP-RS PLC PLC5 1771-G	**2757760XXX**	PAC-B2CF22-F-C50-V1-XXXX	single cable 0.5 mm²	1
WN	**6720001400**	SP-RS PLC PLC5 1771-WN 40CH	**2757770XXX**	PAC-2B2CF22-F-C50-XXXX	single cable 0.5 mm²	1

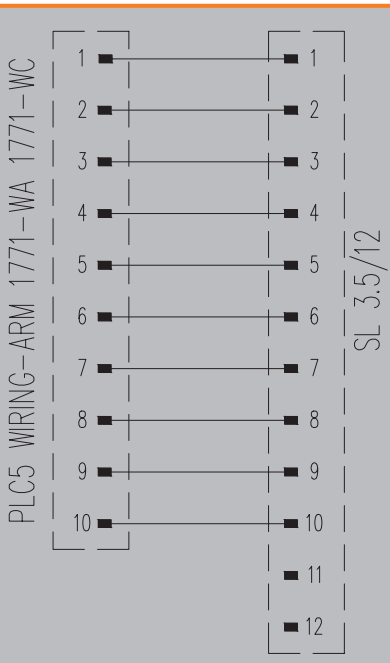
IPC620 Card (Cardsytem)	Front-adaptor FAD		Pre-assembled cable			
	Order No	Type	Order No	Type	Type of cable	Number of cables /FAD
12-point IPC-620	**6720000787**	RS PLC IPC-620 12-POINTS	**2757780XXX**	PAC-B2L22-F-C50-V0-XXXX	single cable 0.5 mm²	1
22-point IPC-620	**6720000788**	RS PLC IPC-620 22-POINTS	**2757790XXX**	PAC-B2L22-F-C50-XXXX	single cable 0.5 mm²	1
24-point IPC-620	**6720001226**	RS PLC IPC-620 24-POINTS	**2757810XXX**	PAC-B2CF24-F-C50-XXXX	single cable 0.5 mm²	1
34-point IPC-620	**6720001328**	RS PLC IPC-620 34-POINTS	**2830400XXX**	PAC-2BLZP20-F-C50-V0-XXXX	single cable 0.5 mm²	1
38-point IPC-620	**6720001225**	RS PLC IPC-620 38-POINTS	**2757800XXX**	PAC-2BLZP20-F-C50-XXXX	single cable 0.5 mm²	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	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 / 144 mm

Note

Ordering data

Type	Qty.	Order No.
SP-RS PLC PLC5 1771-WA/WC	1	**6720001398**

Note

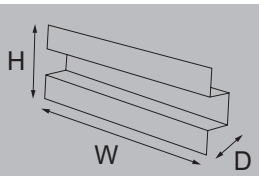
Accessories

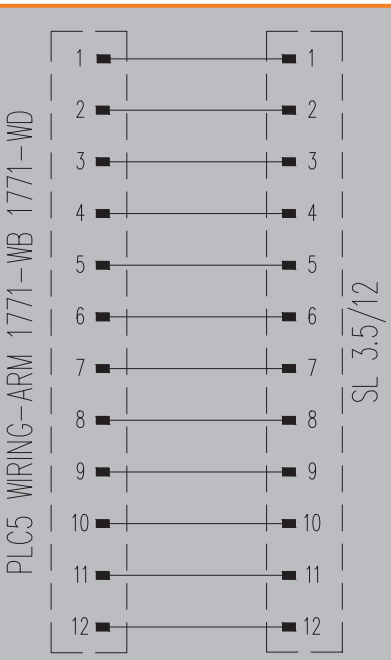
Note	
	Pluggable connector: 1606740000 - BL 3.50/12/180F SN OR BX

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-WB/WD





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

Dimensions	
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

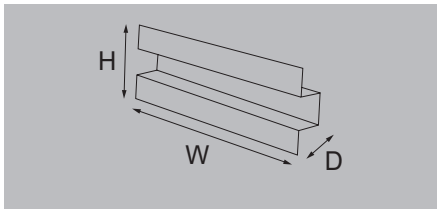
Accessories

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	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 / 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	

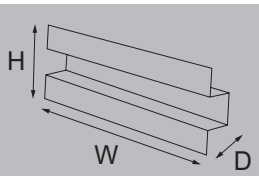
Accessories

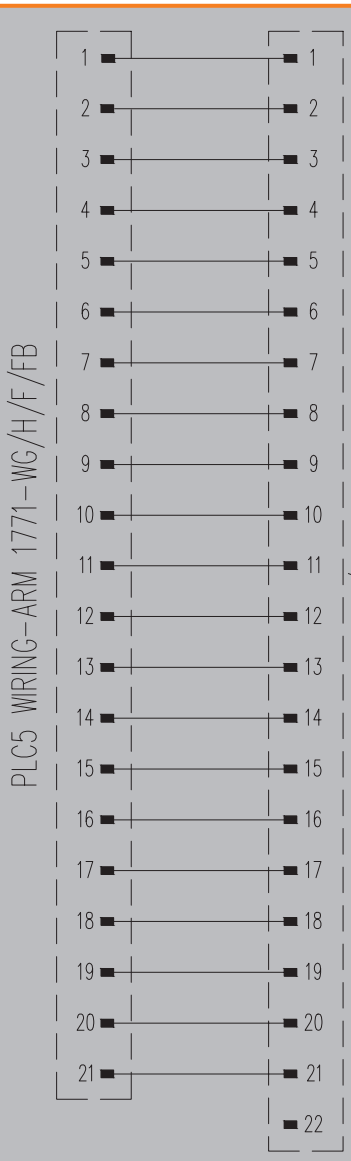
Note	
	Pluggable connector: 1277950000 - B2CF 3.50/22/180F SN BK BX

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	240 V
Max. current per channel	3 A
Ambient temperature (operational)	0...50 °C
Storage temperature	0...50 °C
Approvals	
Approvals	cURus

Dimensions	
Width / Height / Depth	30 mm / 254 mm / 144 mm

Note

Ordering data

Type	Qty.	Order No.
For WH/WHF/WHFB	SP-RS PLC5 1771-WH/WHF/WHFB 21CH, TIN+GO	**7940125460**
For WG	SP-RS PLC5 1771-WG 21CH, GOLD, WM	**7940125466**

Note

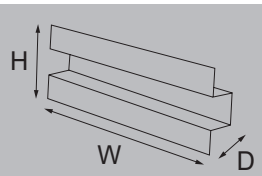
Accessories

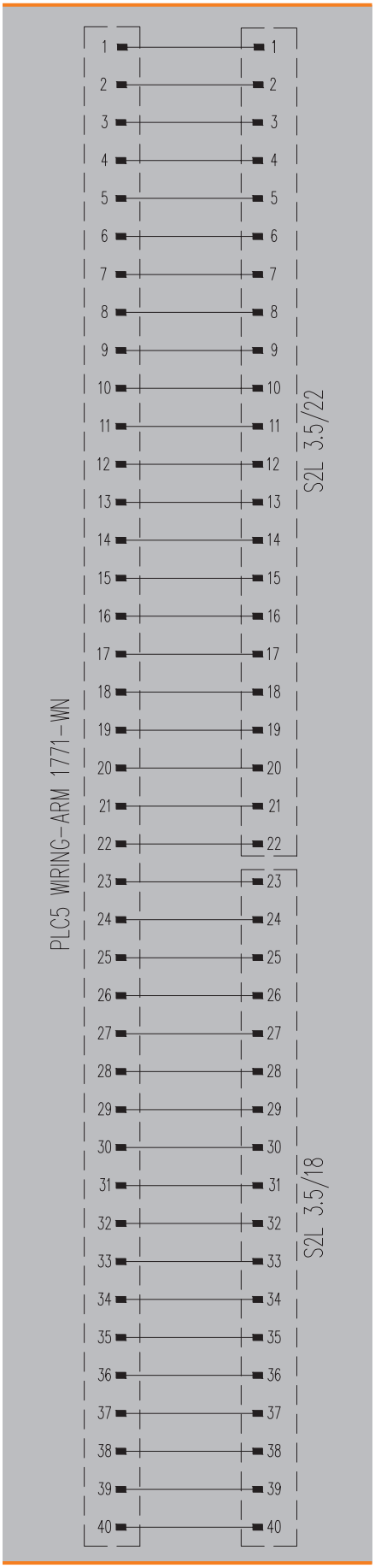
Note	
	Pluggable connector: 1277950000 - B2CF 3.50/22/180F SN BK BX

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-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

Dimensions	
Width / Height / Depth	30 mm / 254 mm / 142 mm

Note	
	Max. current 10 A per whole assembly

Ordering data

Type	Qty.	Order No.
SP-RS PLC PLC5 1771-WN 40CH	1	**6720001400**

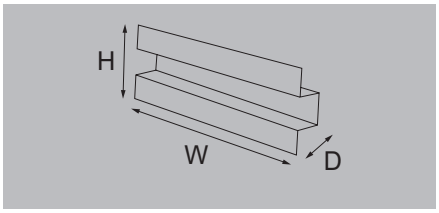
Note	

Accessories

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
- 12 and 22 points



IPC620 carrier

Technical data

Rated data	
Operating voltage	150 V
Max. current per channel	5 A
General data	
Ambient temperature (operational)	0...50 °C
Storage temperature	0...50 °C
Approvals	
Approvals	CE, UR

Dimensions	
Width / Height / Depth	29 mm / 266 mm / 61 mm

Note

Ordering data

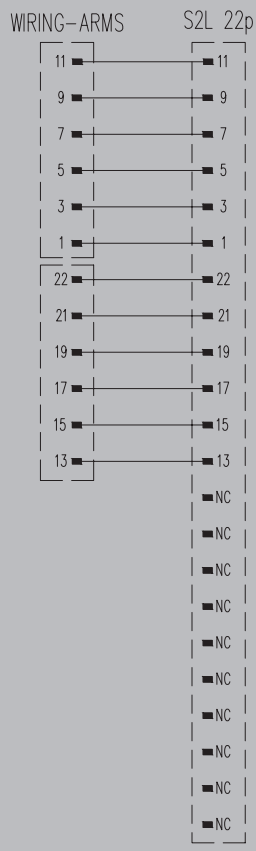
	Type	Qty.	Order No.
12-pole (reference Honeywell TB 621-9949)	RS PLC IPC-620 12-POINTS	1	**6720000787**
22-pole (Reference Honeywell TB 621-9950)	RS PLC IPC-620 22-POINTS	1	**6720000788**

Note

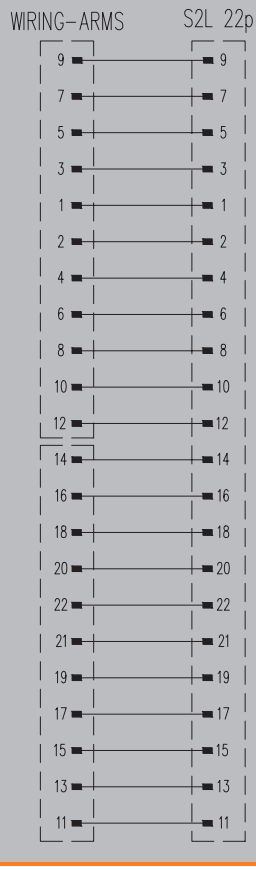
Accessories

Note	Pluggable connector: 1748250000 - B2L 3.50/22/180F SN BK BX

12-points IPC620 card adapter

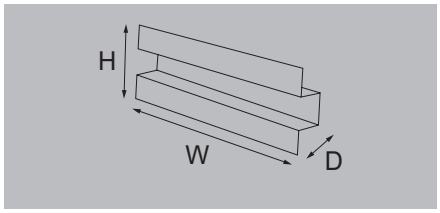


22-points IPC620 card adapter

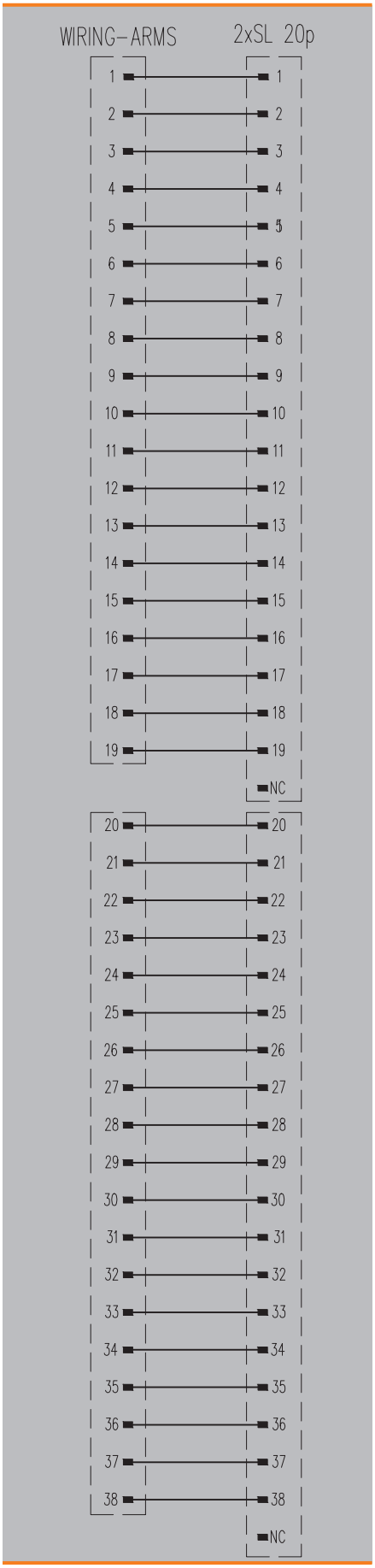


Front adapters for migration - Honeywell IPC620

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	125 V
Max. current per channel	3 A
General data	
Ambient temperature (operational)	0...50 °C
Storage temperature	0...50 °C
Approvals	
Approvals	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**

Note

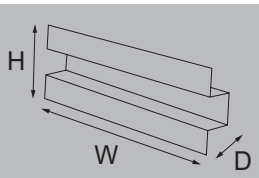
Accessories

Note

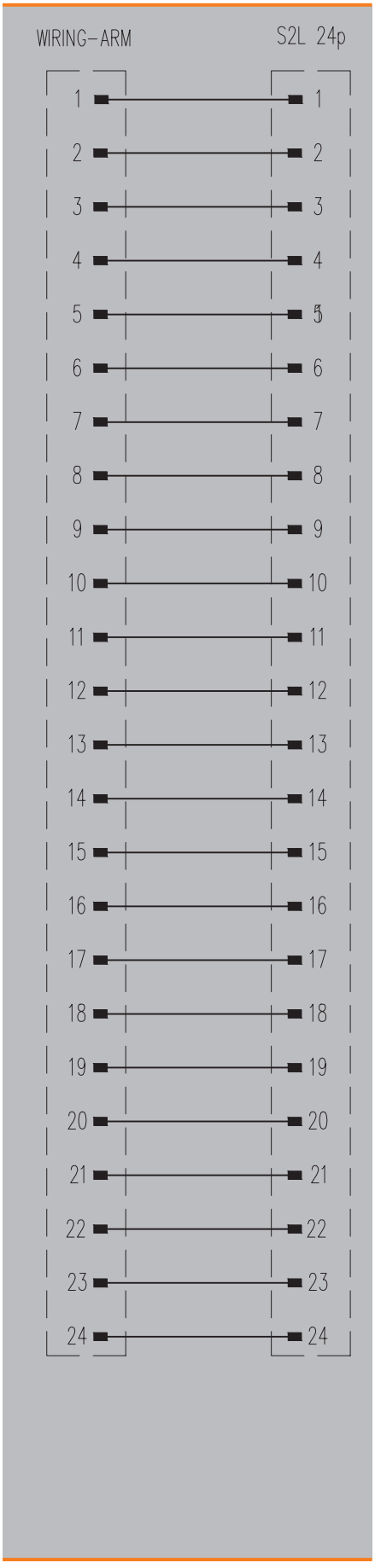
Pluggable connector: 1944510000 - BLZP 5.08HC/20/180F SN BK BX (2 units)

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.



IPC620 carrier



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

Dimensions	
Width / Height / Depth	266 mm / 29 mm / 50 mm

Note	

Ordering data

	Type	Qty.	Order No.
24-pole (reference Honeywell TB 621-9954)	RS PLC IPC-620 24-POINTS	1	**6720001226**

Note	

Accessories

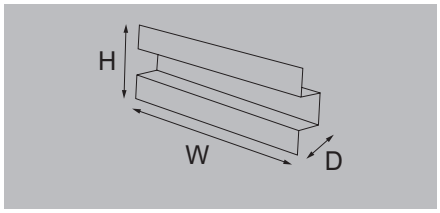
Note	
	Pluggable connector (not include with the Front adaptor): 1277970000 - B2CF 3.50/24/180F SN BK BX

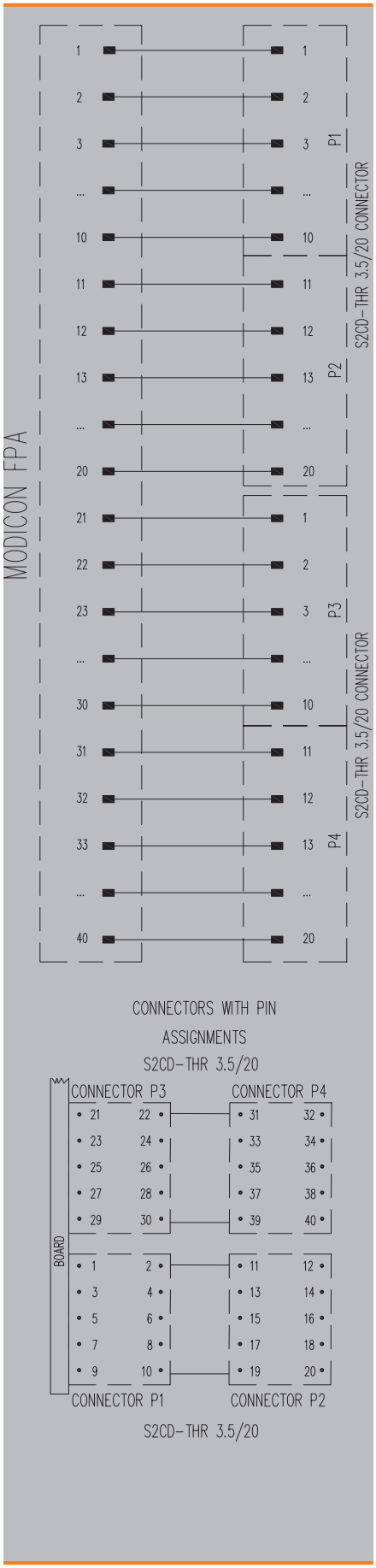
FAD – Front adapters for migrations - Schneider Quantum module

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

Dimensions	
Width / Height / Depth	41 mm / 250 mm / 76 mm

Note	
	UL File Number: E141197

Ordering data

Type	Qty.	Order No.
MODICON QUANTUM MIG MOD,40 POL	1	**6720001822**

Note

Accessories

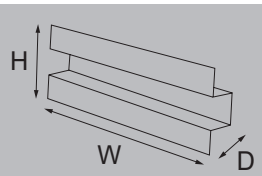
Note

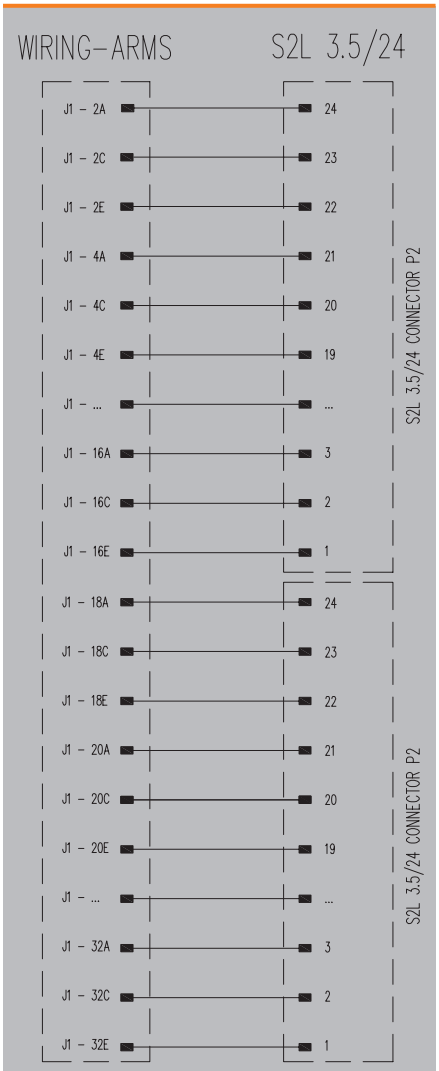
FAD – Front adapters for migrations - Siemens APAC migration module

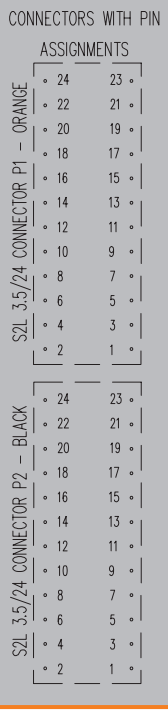
Point-to-point connection

- 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

SP-Siemens APACs Migration Mod







Technical data

General data	
Ambient temperature (operational)	0...50 °C
Storage temperature	0...50 °C
Approvals	
Approvals	CE, cURus

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	

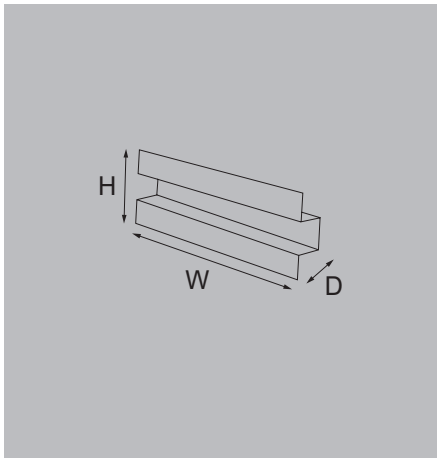
Accessories

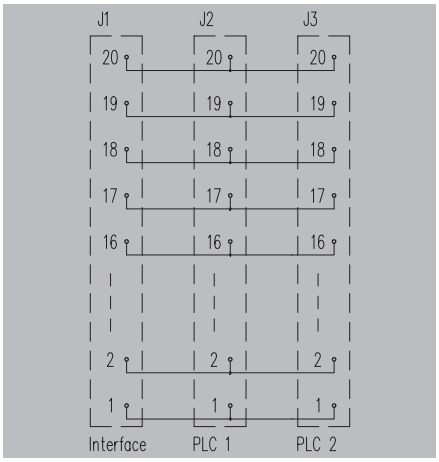
Note	
	To be used with 7508002174 rack. Pluggable connector (not include with the Front adaptor): 1277780000 - B2CF 3.50/24/180F SN OR BX (2 units)

RS F20 X – Redundancy interfaces

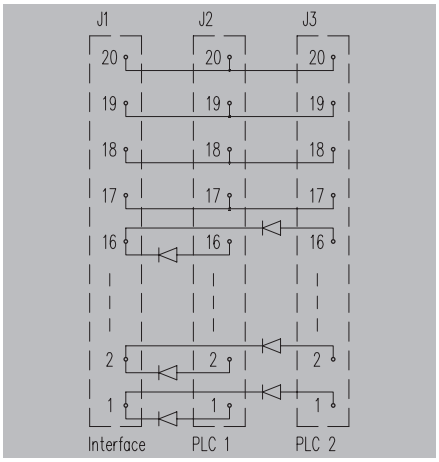
- Connection 1 to 1 for input interfaces
- Diode protection for output interfaces

RS F20 X3 IN





RS F20 X3 OUT



Technical data

Connection data		
Connection on control side	3 x plug-in connectors in acc. with IEC60603-13 / DIN41651	3 x plug-in connectors in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	20-pole	20-pole
Earthing	No	No
Rated data		
Rated voltage	50 V AC / 70 V DC	50 V AC / 70 V DC
Rated current per connection	0.5 A	0.5 A
Total operating current	3 A	3 A
General data		
Ambient temperature (operational)	-25...50 °C	-25...50 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE	CE
Insulation coordination (EN50178)		
Rated insulation voltage	50 V AC / 70 V DC	50 V AC / 70 V DC
Surge voltage category	II	II
Pollution severity level	2	2
Insulation test voltage	0.35 kVAC	0.35 kVAC

Dimensions		
Rail	TS 35, TS 32	TS 35, TS 32
Width / Height	40 / 70 mm	40 / 70 mm

Note		

Ordering data

	Type	Width	Order No.	Type	Width	Order No.
without diode	RS F20 X3 IN	40 mm	**1461210000**			
with diode				RS F20 X3 OUT	40 mm	**1461220000**

Note		

Accessories

Note		

Card holders

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:

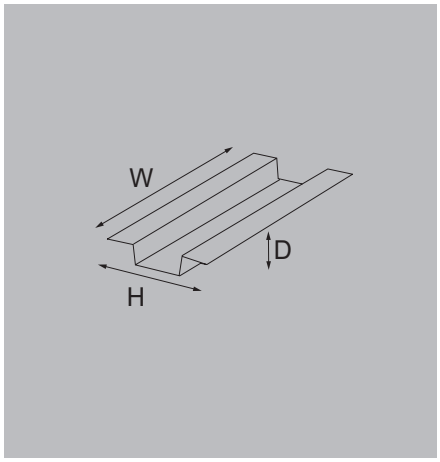
- Snap-fit base and mechanism for securing the card
- Assembly plate and feet for direct assembly or for locking on DIN rails
- Printed circuit board where the following features can be identified:
  - Plug-in connectors acc. IEC 603/DIN 41612 and DIN 41617
  - Weidmüller terminals for screw connection

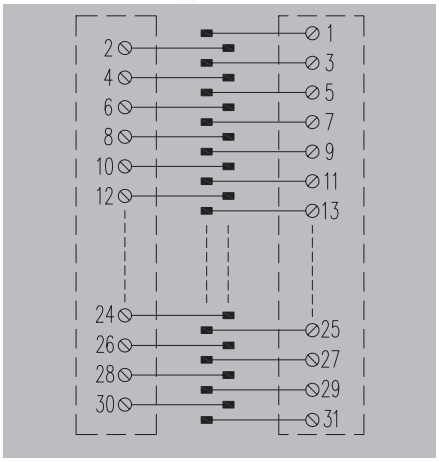
SKH2 Card holders

Card holders are used for adapting Euro cards (19") to plug connectors to IEC 603/DIN 41612 and DIN 41617.

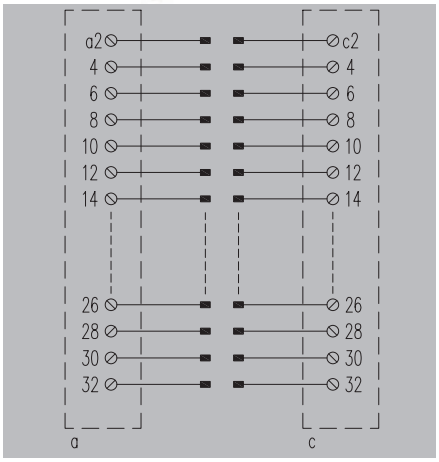
- Screw connection
- Installed on rail TS 35 with accessories

SKH2 31





SKH2 D32 LP



Technical data

Connection data		
Connection on control side	Plug-in connector, acc. to DIN 41617 female	Plug-in connector, acc. to DIN 41612 female
Type (control side)		32D
Number of poles (control side)	31-pole female	32-pole female
Contact assembly	a and b	a and c
Design of the pluggable board	100x160 mm euro format for 19" racks	100x160 mm euro format for 19" racks
Rated data		
Rated voltage	125V AC / 150V DC	250 V UC
Rated current per connection	4 A	4 A
General data		
Ambient temperature (operational)	0...55 °C	0...55 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE	CE
Insulation coordination		
Rated insulation voltage	< 150 V AC	250 V
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	1.5 kV	2.1 kV
Dimensions		
Clamping range, min./max.	0.5 mm² / 6 mm² 160 mm / 192.5 mm	0.5 mm² / 6 mm² 160 mm / 192.5 mm
Note		

Ordering data

Type	Qty.	Order No.
SKH2 31 LP	1	**8174800000**

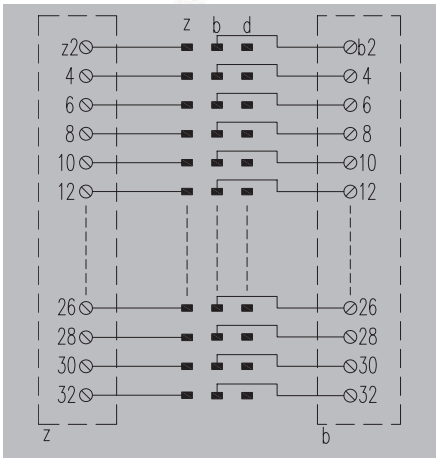
Type	Qty.	Order No.
SKH2 D32 LP	1	**8174830000**

Note

Accessories

Note		
	Kit for connection to TS35 8209340000	Kit for connection to TS35 8209340000

SKH2 F32 Z+B



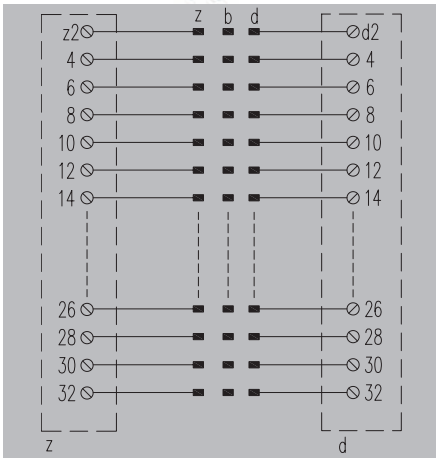
Plug-in connector, acc. to DIN 41612 female
32F
32-pole female
z and b
100x160 mm euro format for 19" racks
250 V UC
4 A
0...55 °C
-40...60 °C
CE
250 V
II
2
2.1 kV

0.5 mm² / 6 mm²
160 mm / 192.5 mm

Type	Qty.	Order No.
SKH2 F32 (Z+B) LPP	1	**8174850000**

Kit for connection to TS35 8209340000

SKH2 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 mm² / 6 mm²
160 mm / 192.5 mm

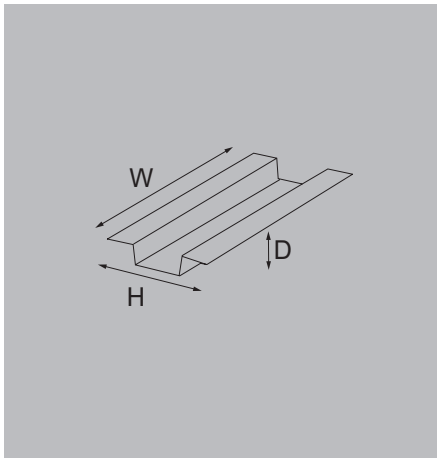
Type	Qty.	Order No.
SKH2 F32 (Z+D) LP	1	**8174860000**

Kit for connection to TS35 8209340000

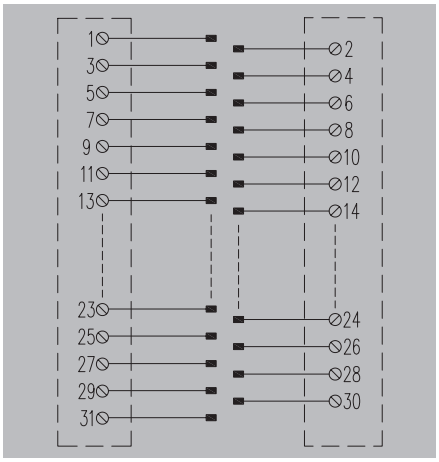
SKH

Card holders are used for adapting Euro cards (19") to plug connectors to IEC 603/DIN 41612 and DIN 41617.

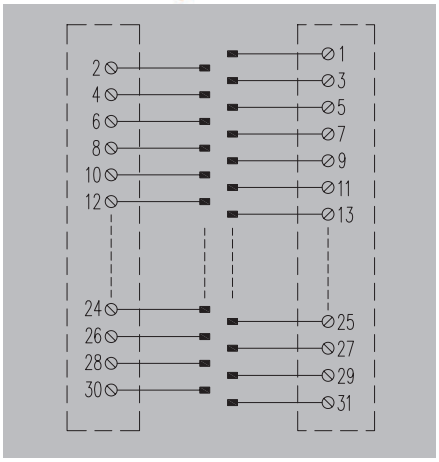
- Screw connection
- Installed on rail TS 35 with accessories



SKH31



SKH31 250VAC



Technical data

Connection data		
Connection on control side	Plug-in connector, acc. to DIN 41617 female	Plug-in connector, acc. to DIN 41617 female
Type (control side)		
Number of poles (control side)	31-pole female	31-pole female
Contact assembly	a and b	a and b
Design of the pluggable board	100x160 mm euro format for 19" racks	100x160 mm euro format for 19" racks
Rated data		
Rated voltage	125V AC / 150V DC	250 V UC
Rated current per connection	4 A	4 A
General data		
Ambient temperature (operational)	0...55 °C	0...55 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE	CE
Insulation coordination		
Rated insulation voltage	< 150 V AC	250 V
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	1.5 kV	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

	Type	Qty.	Order No.
1 clamping bracket	SKH 31 LP RH1	1	**0586661001**
2 clamping brackets			

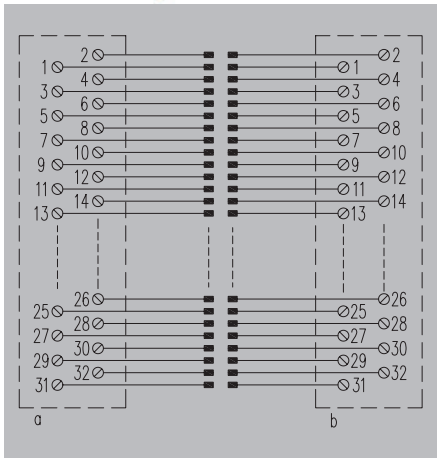
	Type	Qty.	Order No.
	SKH 31 LP 250VAC RH1	1	**0648661001**

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



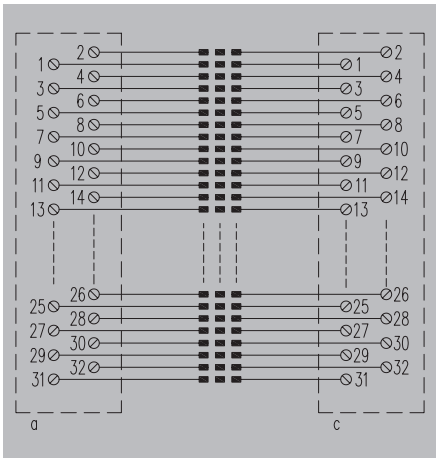
Plug-in connector, acc. to DIN 41612 female
B64
64-pole female
a and b
100x160 mm euro format for 19" racks
125V AC / 150V DC
1 A
0...55 °C
-40...60 °C
CE
< 150 V AC
II
2
1.5 kV

0.5 mm² / 6 mm²
131 mm / 144 mm

Type	Qty.	Order No.
SKH B64 RH2	1	**0577360000**

Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

SKH C64



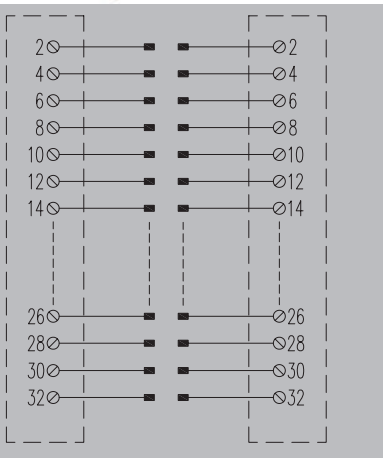
Plug-in connector, acc. to DIN 41612 female
64C
64-pole female
a and c
100x160 mm euro format for 19" racks
125V AC / 150V DC
1 A
0...55 °C
-40...60 °C
CE
< 150 V AC
II
2
1.5 kV

0.5 mm² / 6 mm²
131 mm / 144 mm

Type	Qty.	Order No.
SKH C64 RH2	1	**0646660000**
SKH C64 RH2	1	**0178960000**

Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

SKH D32



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 mm² / 6 mm²
131 mm / 144 mm

Type	Qty.	Order No.
SKH D32 LP 5/16 RH2	1	**0586761001**

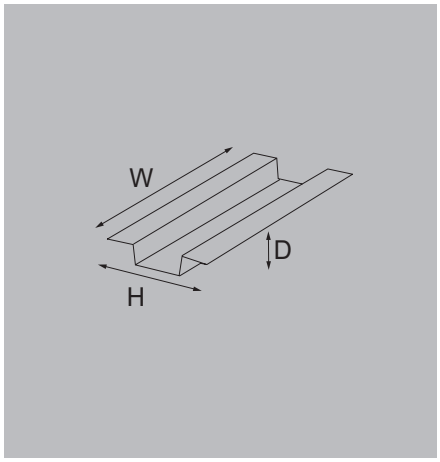
Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

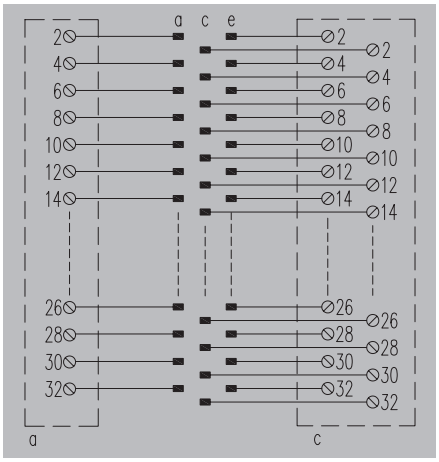
SKH

Card holders are used for adapting Euro cards (19") to plug connectors to IEC 603/DIN 41612 and DIN 41617.

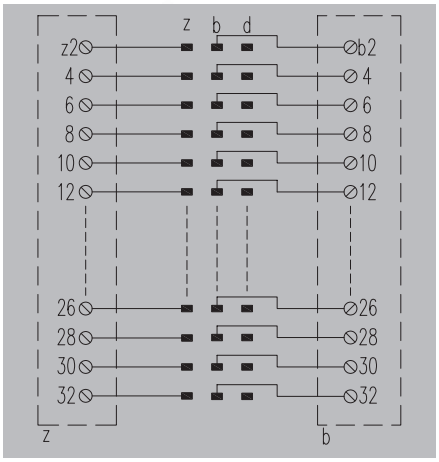
- Screw connection
- Installed on rail TS 35 with accessories

SKH E48





SKF F32 Z+B



Technical data

Connection data		
Connection on control side	Plug-in connector, acc. to DIN 41612 female	Plug-in connector, acc. to DIN 41612 female
Type (control side)	48E	32F
Number of poles (control side)	48-pole female	32-pole female
Contact assembly	e, c, a	z and b
Design of the pluggable board	100x160 mm euro format for 19" racks	100x160 mm euro format for 19" racks
Rated data		
Rated voltage	125V AC / 150V DC	250 V UC
Rated current per connection	4 A	4 A
General data		
Ambient temperature (operational)	0...55 °C	0...55 °C
Storage temperature	-40...60 °C	-40...60 °C
Approvals	CE	CE
Insulation coordination		
Rated insulation voltage	< 150 V AC	250 V
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	1.5 kV	2.1 kV
Dimensions		
Clamping range, min./max.	0.5 mm² / 6 mm²	0.5 mm² / 6 mm²
	131 mm / 144 mm	131 mm / 144 mm
Note		

Ordering data

	Type	Qty.	Order No.
1 clamping bracket	SKH E48 LP2/LP	1	**0690660000**
2 clamping brackets			

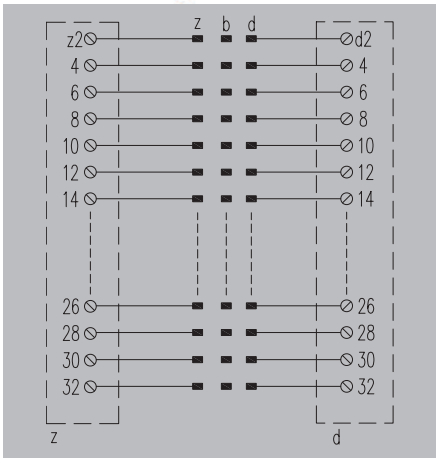
	Type	Qty.	Order No.
	SKH F32 (Z&B) LP RH2	1	**0586861001**

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



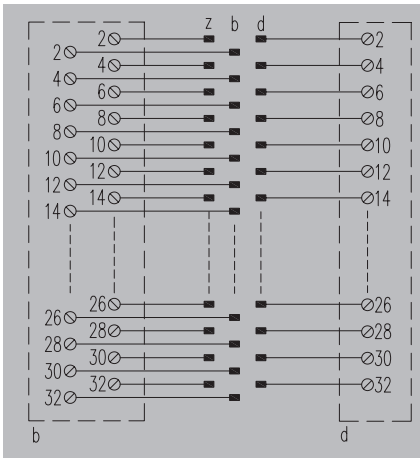
Plug-in connector, acc. to DIN 41612 female
32F
32-pole female
z and d
100x160 mm euro format for 19" racks
250 V UC
4 A
0...55 °C
-40...60 °C
CE
250 V
II
2
2.1 kV

0.5 mm² / 6 mm²
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 mm² / 6 mm²
131 mm / 144 mm

Type	Qty.	Order No.
SKH F48	1	**0587060000**

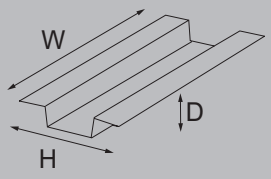
Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

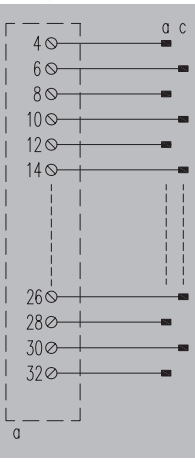
SKH

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	Plug-in connector, acc. to DIN 41612 female
Type (control side)	15H
Number of poles (control side)	15-pole female
Contact assembly	a and c
Design of the pluggable board	100x160 mm euro format for 19" racks
Rated data	
Rated voltage	250 V UC
Rated current per connection	10 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 mm² / 6 mm²
	131 mm / 144 mm

Note	

Ordering data

	Type	Qty.	Order No.
1 clamping bracket	SKH H15S	1	**8051300000**
2 clamping brackets			

Note	

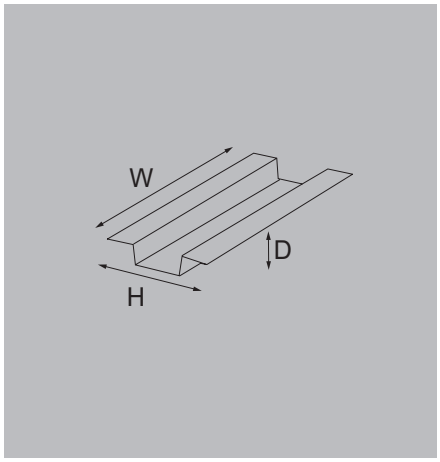
Accessories

Note	Kit for connection to TS35: Installation motherboard 2054280000 and mounting foot to TS35 0687900000

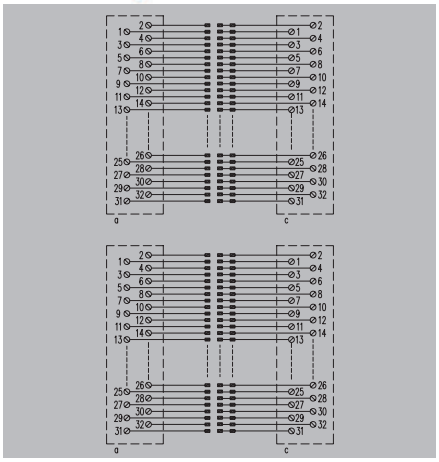
SKH x 2

Card holders are used for adapting Euro cards (19") to plug connectors to IEC 603/DIN 41612 and DIN 41617.

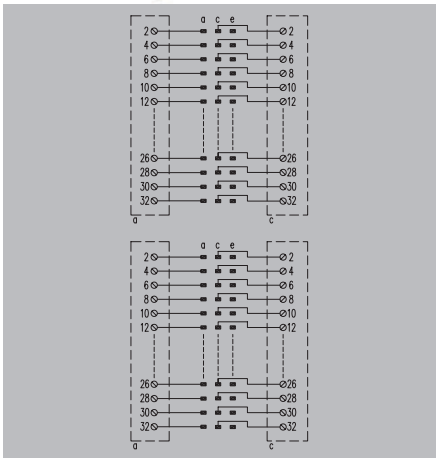
- Screw connection
- Installed on rail TS 35 with accessories



SKH 2XC64 A+C



SKH 2XD32 A+C



Technical data

Connection data		
Connection on control side	Plug-in connector, acc. to DIN 41612 female	Plug-in connector, acc. to DIN 41612 female
Type (control side)	64C	32D
Number of poles (control side)	64-pole female	32-pole female
Contact assembly	a and c	a and c
Design of the pluggable board	233x160 mm double euro format for 19" enclosures	233x160 mm double euro format for 19" enclosures
Rated data		
Rated voltage	125V AC / 150V DC	125V AC / 150V DC
Rated current per connection	1 A	4 A
General data		
Ambient temperature (operational)	0...55 °C	0...55 °C
Storage temperature	-40...70 °C	-40...70 °C
Approvals	CE	CE
Insulation coordination		
Rated insulation voltage	125 V AC	125 V AC
Surge voltage category	II	II
Pollution severity level	2	2
Pulse voltage test (1,2/50µs)	1.1 kV	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

	Type	Qty.	Order No.
1 clamping bracket	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

Note	
	Kit for connection to TS35: Installation motherboard 2051430000 and mounting foot TS35 0687900000

Service and support

Our expertise for your requirements
Service connects – worldwide

Automation technology functions are becoming more complex in a globally-oriented world facing ambitious targets in terms of energy efficiency and smart production. We are your equal partners for the best connections in Industrial Connectivity.

Our personal support answers all questions reliably and expertly. During planning, installation or operation our service and support offer is your best companion.

In short: Weidmüller's global service combines our expertise with your requirements.

Your way to our service
www.weidmueller.com/service

Engineering services and customised products

Automation engineering and connectivity consulting belongs to our services as well as assembly of engineered products. We also support the process from the idea to the product with our Weidmüller Configurator and the Configure-to-Order process.

Consulting and engineering
The challenge for you is reducing costs and increasing efficiency. This requires intelligent, individual solutions. Whether it is modified products, pre-fitted mounting rails or complete small cabinets – our application centres provide a highly qualified custom-made engineering and production service.

Connectivity Consulting
Increase your competitiveness - supported by our experts
Our drive is to optimise your competitiveness. That's why our team of experts supports you in significantly increasing your efficiency in electrical machine design and control cabinet construction. With proven products and services from the Weidmüller portfolio – and with the experience gained from over 300 projects worldwide.

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

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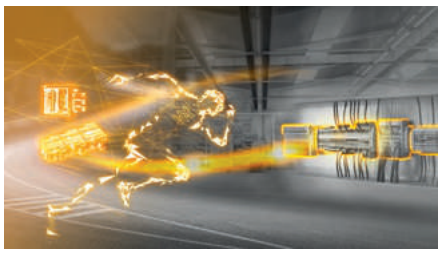
To compete internationally, your plants need to satisfy high standards of safety, quality and performance. The smart combination of consultation, application expertise and industry know-how is our key to finding a custom-fit solution for your application. Reduce costs and increase efficiency.



Fast Delivery Service - Your ideas deserve a quick realisation
Obtain offers 24/7 and within minutes, including directly orderable article numbers with our Fast Delivery Service. The Weidmüller Configurator (WMC) for planning and configuration is key for consistent processes. Dispatch your orders in 5 days. Assemble individual terminal strips and enclosures from batch size 1!

Your ticket to the world of digital service
easyConnect – Your Industrial Service Platform

Our cloud-based platform is your ticket to the world of digital services from Weidmüller, and the intuitive and future-proof tool for your way to the Industrial IoT. Realise your use cases easily, consistently and without any relevant prior knowledge, thanks to the perfect interaction of platform, devices and diverse software services.

As an open, modular and perfectly integrable system, the platform is your enabler for a wide range of use cases. Increase your efficiency and unleash your full innovation potential with easyConnect.

Interested in using easyConnect?
Learn how to get started with easyConnect step-by-step.

www.weidmueller.com/easyconnect

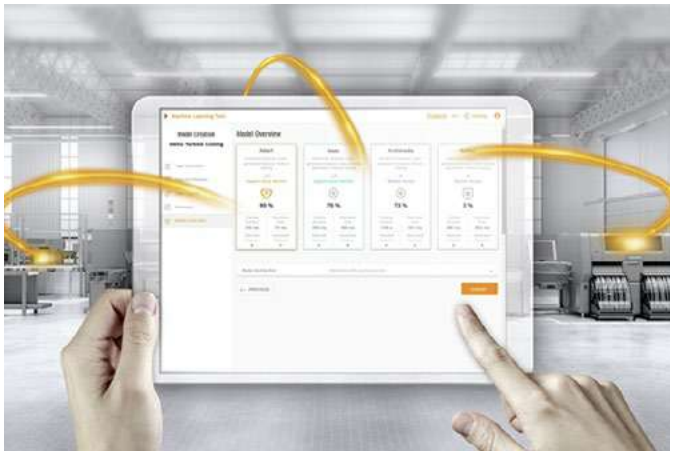
Why should you use easyConnect?

- You want to enter your digital transformation step-by-step?
- You want to make the step into Industrial IOT, but have no or little IT expertise?
- You want to use your digital data for smart & scalable services?
- You want to offer digital services (such as customised dashboard) to your customers?
- You want to improve your service offering and efficiency, e.g. through remote access?
- You feel Weidmüller's digital services are interesting, but you have „your cloud" already?

Weidmüller comes up with the solution: easyConnect, the new digitalisation platform. It bundles Weidmüller's digital services at one place in the cloud and connects them with various Weidmüller devices.

With easyConnect you start digitalising your application step-by-step without ballast in a secure way.

The following services are initially available on easyConnect:



Device management
Adding and managing cloud-connected devices is typically the first step in any Industrial IoT use case.

Asset management
The asset management service is a modelling tool that allows users to model their assets and processes and link them to relevant time series data.

Remote access (u-link)
u-link guarantees a quick and secure access to machines and plants while also allowing for efficient management.

Data visualisation
easyConnect data visualisation services enable users to view, monitor and display live and historical data.

AutoML
With Weidmüller Industrial AutoML, you can optimize operations, increase product quality and develop new business models by benefiting from advanced analytics.

Expand the possibilities of our products

Our Support Center provides you with comprehensive, clear and personal assistance

Receive fast and intuitive support to get the most out of our products in your application. In our new Support Center you can search or navigate to the many application notes, product information, video tutorials or software downloads of our products.

- **Everything at a glance –** One central support hub, where all relevant information is available
- **Powerful search –** Provides filter functions for various types of information and products
- **Different views and navigations –** Content provided in views product information, engineering support or software downloads
- **More than 170,000 downloads –** Application notes, video tutorials, templates and examples, user documentation, engineering data, ...
- **Personal contact –** Direct access to your personal technical contact in your country

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.

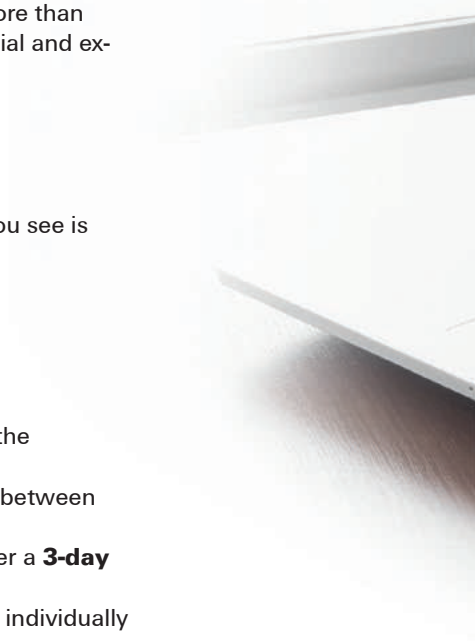
Engineering data
For the quick integration of our products into your design, there are a lot of digital product data for engineering systems like EPLAN, Zuken E3.series, WSCAD and many others available for download.

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:

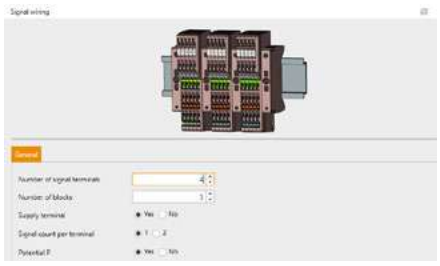
www.weidmueller.com/wmc

or register on **easyconnect.weidmueller.com**
and use it online.

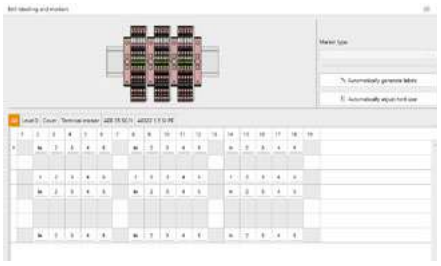
WMC

E3. series

ePLAN electric P8



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.

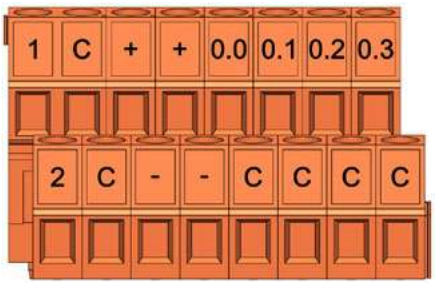
Until now, most of the products were delivered with DEKAFIX/WS. This marker type will be replaced by tampoprint technology or in some cases by KSW strip markers.

DEKAFIX/WS
Flexible connector markers – print, clip, finished

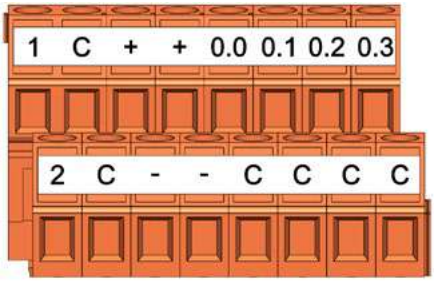
FZW

FS

Tampo printed



KSW



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0181061001	RSD K22 LP/LP	D.21
0181461001	RSD 12 LP/LP	D.21
0220000000		
0224261001	RS F20 LP2N 5/20	A.39
0224261001	RS F20 LP2N 5/20	D.6
0224361001	RS F34 LP2N 5/34	D.6
0224461001	RS F40 LP2N 5/40	A.39
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1123730000	TRS 24VDC 2CO AU	E.32
1123730000	TRS 24VDC 2CO AU	E.34
1123730000	TRS 24VDC 2CO AU	E.36
1123730000	TRS 24VDC 2CO AU	E.40
1123730000	TRS 24VDC 2CO AU	E.42
1123730000	TRS 24VDC 2CO AU	E.43
1123730000	TRS 24VDC 2CO AU	E.44
1123730000	TRS 24VDC 2CO AU	E.45
1123730000	TRS 24VDC 2CO AU	E.46
1123730000	TRS 24VDC 2CO AU	E.47
1123730000	TRS 24VDC 2CO AU	E.48
1126610000	RS ELCO 20/20RM S	D.12
1126630000	RS ELCO 20/20LM S	D.12
1126650000	RS ELCO 38/38RM S	D.12
1126670000	RS ELCO 38/38LM S	D.12
1126690000	RS ELCO 56/32RM S	D.12
1126710000	RS ELCO 56/32LM S	D.12
1126730000	RS ELCO 56/54RM S	D.12
1126750000	RS ELCO 56/54LM S	D.12
1126770000	RS ELCO 56/56RM S	D.12
1126790000	RS ELCO 56/56LM S	D.12
1126810000	RS ELCO 90/90RM S	D.12
1126870000	RS ELCO 90/90LM S	D.12
1128100000	RS VERT 4P 20X4 S	D.20
1128110000	RS VERT 4P 20X4 Z	D.20
1128120000	RS VERT 6P 12X6 S	D.20
1128130000	RS VERT 6P 12X6 Z	D.20
1128990000	RSM-8 PLC C SW 1CO S	A.62
1128990000	RSM-8 PLC C SW 1CO S	A.64
1129030000	RSM-16 PLC C SW 1CO S	A.62
1129030000	RSM-16 PLC C SW 1CO S	A.71
1129040000	RSM-16 PLC C SW 1CO Z	A.62
1129040000	RSM-16 PLC C SW 1CO Z	A.71
1129120000	RSM-16 PLC SW 1CO S	A.62
1129120000	RSM-16 PLC SW 1CO S	A.73
1129130000	RSM-16 PLC SW 1CO Z	A.62
1129130000	RSM-16 PLC SW 1CO Z	A.73
1220000000		
1221550000	FTA-C300-32DIOHV-S	B.5
1221550000	FTA-C300-32DIOHV-S	B.6
1221560000	FTA-C300-32DIOHV-Z	B.5
1221560000	FTA-C300-32DIOHV-Z	B.6
1221570000	FTA-C300-32DO-RSLIM-S	B.5
1221570000	FTA-C300-32DO-RSLIM-S	B.12
1221580000	FTA-C300-32DO-RSLIM-Z	B.5
1221580000	FTA-C300-32DO-RSLIM-Z	B.12
1221590000	FTA-C300-32DO-LD-S	B.5
1221590000	FTA-C300-32DO-LD-S	B.7
1221600000	FTA-C300-32DO-LD-Z	B.5
1221600000	FTA-C300-32DO-LD-Z	B.7
1222940000	FTA-C300-32DI-LD-S	B.5
1222940000	FTA-C300-32DI-LD-S	B.6
1222950000	FTA-C300-32DI-LD-Z	B.5
1222950000	FTA-C300-32DI-LD-Z	B.6
1222980000	FTA-C300-16AO-SH-S	B.5
1222980000	FTA-C300-16AO-SH-S	B.9
1222990000	FTA-C300-16AO-SH-Z	B.5
1222990000	FTA-C300-16AO-SH-Z	B.9
1223010000	FTA-C300-16AO-SH-P	B.5
1223010000	FTA-C300-16AO-SH-P	B.9
1223020000	FTA-C300-16AO-TEST-S	B.5
1223020000	FTA-C300-16AO-TEST-S	B.9
1223030000	FTA-C300-16AO-TEST-Z	B.5
1223030000	FTA-C300-16AO-TEST-Z	B.9
1240000000		
1246910000	FTA-C300-32DO-FUSE-S	B.5
1246910000	FTA-C300-32DO-FUSE-S	B.7
1246920000	FTA-C300-32DO-FUSE-Z	B.5
1246920000	FTA-C300-32DO-FUSE-Z	B.7
1247120000	FTA-C300-16AI-SH-S	B.5
1247120000	FTA-C300-16AI-SH-S	B.8
1247130000	FTA-C300-16AI-SH-Z	B.5
1247130000	FTA-C300-16AI-SH-Z	B.8
1247140000	FTA-C300-16AI-TEST-S	B.5
1247140000	FTA-C300-16AI-TEST-S	B.8
1247150000	FTA-C300-16AI-TEST-Z	B.5
1247150000	FTA-C300-16AI-TEST-Z	B.8
1300000000		
1303760000	SCS 24VDC P1SIL3DS M	C.30
1303890000	SCS 24VDC P1SIL3DS	C.30
1308230000	RS 4AIO DP SD Z	A.53
1308230000	RS 4AIO DP SD Z	A.54
1308240000	RS 4AIO I-M-DP SD Z	A.53
1308240000	RS 4AIO I-M-DP SD Z	A.54
1308250000	RS 8AIO DP SD Z	A.53
1308250000	RS 8AIO DP SD Z	A.55
1308270000	RS 16AIO DP SD Z	A.53
1308270000	RS 16AIO DP SD Z	A.57
1308280000	RS 16AIO I-M-DP SD Z	A.53
1308280000	RS 16AIO I-M-DP SD Z	A.57
1310000000		
1311750000	RS 16IO 1W H Z	A.39
1311750000	RS 16IO 1W H Z	A.41
1311770000	RS 16IO 1W L H Z	A.39
1311770000	RS 16IO 1W L H Z	A.41
1311780000	RS 16IO 1W I-L H Z	A.39
1311780000	RS 16IO 1W I-L H Z	A.42
1311790000	RS 16IO 2W H Z	A.39
1311790000	RS 16IO 2W H Z	A.43
1311800000	RS 16IO 2W L H Z	A.39
1311800000	RS 16IO 2W L H Z	A.43
1311810000	RS 16IO 2W I H S	A.39
1311810000	RS 16IO 2W I H S	A.44
1311820000	RS 16IO 2W I H Z	A.39
1311820000	RS 16IO 2W I H Z	A.44
1311830000	RS 16IO 2W I-L H Z	A.39
1311830000	RS 16IO 2W I-L H Z	A.44
1311840000	RS 16IO 2W F H Z	A.39
1311840000	RS 16IO 2W F H Z	A.46
1311850000	RS 16IO 2W F-L H S	A.39
1311850000	RS 16IO 2W F-L H S	A.46
1311870000	RS 16IO 2W F-L H Z	A.39
1311870000	RS 16IO 2W F-L H Z	A.46
1311880000	RS 16IO 3W H Z	A.39
1311880000	RS 16IO 3W H Z	A.47
1311890000	RS 16IO 3W L H Z	A.39
1311890000	RS 16IO 3W L H Z	A.47
1312000000	RSM-16DI 24VDC S	A.58
1312000000	RSM-16DI 24VDC S	A.59
1312010000	RSM-16DI 24VDC Z	A.58
1312010000	RSM-16DI 24VDC Z	A.59
1312020000	RSM-16DI 48VDC S	A.58
1312020000	RSM-16DI 48VDC S	A.60
1312040000	FTA-C300-32DI-24VDC-S	B.5
1312040000	FTA-C300-32DI-24VDC-S	B.11
1312740000	RSD A5 LP/LP	D.21
1312750000	RSD K5 LP/LP	D.21
1312760000	RSD A10 LP/LP	D.21
1312770000	RSD K10 LP/LP	D.21
1312780000	RSD A20 LP/LP	D.21
1312790000	RSD K20 LP/LP	D.21
1340000000		
1349330010	PAC-C300-32-F-25-1M	B.15
1349340010	PAC-C300-36-F-25-1M	B.16
1349350010	C300-32B-F-2S-M25-1M	B.15
1349370010	C300-36B-F-2S-M25-1M	B.16
1349630010	PAC-UNIV-HE10-HE10-1M	F.3
1349640010	PAC-UNIV-HE14-HE14-1M	F.3
1349650010	PAC-UNIV-HE16-HE16-1M	F.3
1349670010	PAC-UNIV-HE20-HE20-1M	F.3
1349680010	PAC-UNIV-HE26-HE26-1M	F.3
1349690010	PAC-UNIV-HE34-HE34-1M	F.3
1349700010	PAC-UNIV-HE40-HE40-1M	F.3
1349720010	PAC-UNIV-HE50-HE50-1M	F.3
1349730010	PAC-UNIV-HE10-F-1M	F.3
1349740010	PAC-UNIV-HE14-F-1M	F.3
1349750010	PAC-UNIV-D9M-D9M-1M	F.4
1349770010	PAC-UNIV-HE16-F-1M	F.3
1349780010	PAC-UNIV-D15M-D15M-1M	F.4
1349790010	PAC-UNIV-HE20-F-1M	F.3
1349800010	PAC-UNIV-D25M-D25M-1M	F.4
1349820010	PAC-UNIV-HE26-F-1M	F.3
1349830010	PAC-UNIV-D37M-D37M-1M	F.4
1349840010	PAC-UNIV-HE34-F-1M	F.3
1349850010	PAC-UNIV-D50M-D50M-1M	F.4
1349870010	PAC-UNIV-D9F-D9F-1M	F.4
1349880010	PAC-UNIV-HE40-F-1M	F.3
1349890010	PAC-UNIV-D15F-D15F-1M	F.4
1349920010	PAC-UNIV-D25F-D25F-1M	F.4
1349930010	PAC-UNIV-D37F-D37F-1M	F.4
1349940010	PAC-UNIV-D50F-D50F-1M	F.4
1349950010	PAC-UNIV-D9M-D9F-1M	F.5
1349970010	PAC-UNIV-D15M-D15F-1M	F.5
1349980010	PAC-UNIV-D25M-D25F-1M	F.5
1349990010	PAC-UNIV-D37M-D37F-1M	F.5
1350000000		
1350000010	PAC-UNIV-D50M-D50F-1M	F.5
1350400010	PAC-UNIV-D9M-F-1M	F.4
1350420010	PAC-UNIV-D15M-F-1M	F.4
1350430010	PAC-UNIV-D25M-F-1M	F.4
1350440010	PAC-UNIV-D37M-F-1M	F.4
1350450010	PAC-UNIV-D50M-F-1M	F.4
1350470010	PAC-UNIV-D9F-F-1M	F.4
1350480010	PAC-UNIV-D15F-F-1M	F.4
1350490010	PAC-UNIV-D25F-F-1M	F.4
1350500010	PAC-UNIV-D37F-F-1M	F.4
1350520010	PAC-UNIV-D50F-F-1M	F.4
1370000000		
1371130000	TBY-RS-AIO-2KS-S	C.17
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14635500000	TIAL F20	E.47
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14635500000	TIAL F20	E.52
14647800000	RSM-8H 24V+ 1CO S	A.62
14647800000	RSM-8H 24V+ 1CO S	A.66
14647900000	RSM-8H 24V+ 1CO Z	A.62
14647900000	RSM-8H 24V+ 1CO Z	A.66
14648000000	RSM-8H 24V- 1CO S	A.62
14648000000	RSM-8H 24V- 1CO S	A.69
14648100000	RSM-8H 24V- 1CO Z	A.62
14648100000	RSM-8H 24V- 1CO Z	A.69

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14807400000	RS ELCOF 20/20RM S	D.13
14807500000	RS ELCOF 20/20LM S	D.13
14807600000	RS ELCOF 38/38RM S	D.13
14807700000	RS ELCOF 38/38LM S	D.13
14807800000	RS ELCOF 56/56RM S	D.13
14807900000	RS ELCOF 56/56LM S	D.13
14816100010	PAC-C300-1616-25-1M	B.17
14816200010	PAC-C300-1616-34-1M	B.17
14816300010	PAC-C300-1616-50-1M	B.17
14816500010	PAC-C300-16-F-25-1M	B.18
14816600010	PAC-C300-16-F-34-1M	B.18
14816700010	PAC-C300-16-F-50-1M	B.18
14816900010	C300-16B-160B-2S-M25-1M	B.17
14817100010	C300-16B-160B-2S-M34-1M	B.17
14817200010	C300-16B-160B-2S-M50-1M	B.17
14817400010	C300-16B-F-2S-M25-1M	B.18
14817500010	C300-16B-F-2S-M34-1M	B.18
14817600010	C300-16B-F-2S-M50-1M	B.18

1490000000

14988200010	PAC-C300-3232-34-1M	B.13

1530000000

15368200010	PAC-YOK-MIL50-V0-1M	C.26
15368400010	PAC-YOK-MIL40-V0-1M	C.26

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19859300000	FAD BLK1 SL24 M	G.9
19859300000	FAD BLK1 SL24 M	G.10
19859300000	FAD BLK1 SL24 M	G.22
19859400000	FAD BLK1 HE20 16I M	G.9
19859400000	FAD BLK1 HE20 16I M	G.10
19859400000	FAD BLK1 HE20 16I M	G.20
19859500000	FAD BLK1 HE20 16O M	G.9
19859500000	FAD BLK1 HE20 16O M	G.10
19859500000	FAD BLK1 HE20 16O M	G.21
19859600000	FAD BLK7 2XHE20 M	G.9
19859600000	FAD BLK7 2XHE20 M	G.10
19859600000	FAD BLK7 2XHE20 M	G.23
19859700000	FAD BLK9 2XHE20 M	G.9
19859700000	FAD BLK9 2XHE20 M	G.10
19859700000	FAD BLK9 2XHE20 M	G.24
19859800000	FAD S5115 SL24 M	G.5
19859800000	FAD S5115 SL24 M	G.10
19859800000	FAD S5115 SL24 M	G.14
19860100000	FAD S5115 HE20 16IO M	G.5
19860100000	FAD S5115 HE20 16IO M	G.10
19860100000	FAD S5115 HE20 16IO M	G.12
19860300000	FAD S5135 SL20 R	G.7
19860300000	FAD S5135 SL20 R	G.10
19860300000	FAD S5135 SL20 R	G.18
19860400000	FAD S5135 HE20 16IO R	G.7
19860400000	FAD S5135 HE20 16IO R	G.10
19860400000	FAD S5135 HE20 16IO R	G.16
19860500000	FAD S5135 2XHE20 32IO R	G.7
19860500000	FAD S5135 2XHE20 32IO R	G.10
19860500000	FAD S5135 2XHE20 32IO R	G.17
19889300010	PAC-HD62F-HD62F-V0-1M	F.6
19893600010	PAC-HD44M-HD44F-V0-1M	F.7

1990000000

19917300000	FAD S5115 2XHE20 32IO M	G.5
19917300000	FAD S5115 2XHE20 32IO M	G.10
19917300000	FAD S5115 2XHE20 32IO M	G.13
19935000000	MIGRATION RACK S5 135 H	G.33
19935200000	MIGRATION RACK TSX7 H	G.34
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20034200010	PAC-HD26M-HD26F-V0-1M	F.7

2040000000

20451200000	FAD S5115 SL46 A M	G.5
20451200000	FAD S5115 SL46 A M	G.10
20451200000	FAD S5115 SL46 A M	G.15

2090000000

20930800010	PAC-HD26F-F-V0-1M	F.6
20930900010	PAC-HD44F-F-V0-1M	F.6
20936800010	PAC-HD26M-F-V0-1M	F.6
20939100010	PAC-HD44M-F-V0-1M	F.6
20941400010	PAC-HD26F-HD26F-V0-1M	F.6
20941800010	PAC-HD44F-HD44F-V0-1M	F.6
20947200010	PAC-HD26M-HD26M-V0-1M	F.6
20947300010	PAC-HD44M-HD44M-V0-1M	F.6
20947700010	PAC-HD62M-HD62M-V0-1M	F.6
20948000010	PAC-HD62M-HD62F-V0-1M	F.7

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24205200010	PAC-YOK-MIL40-F-1M	C.26
24205300010	PAC-YOK-MIL50-F-1M	C.26
24205400010	PAC-HE10-F-HF-1M	F.3
24205500010	PAC-HE10-HE10-HF-1M	F.3
24205600010	PAC-D9M-F-HF-1M	F.4
24205700010	PAC-D9M-D9M-HF-1M	F.4
24205800010	PAC-D9M-D9F-HF-1M	F.5
24256500010	PAC-HE14-F-HF-1M	F.3
24256600010	PAC-HE20-F-HF-1M	F.3
24256800010	PAC-HE40-F-HF-1M	F.3
24256900010	PAC-HE34-F-HF-1M	F.3
24257000010	PAC-HE16-HE16-HF-1M	F.3
24257100010	PAC-HE16-F-HF-1M	F.3
24257200010	PAC-HE26-F-HF-1M	F.3
24257300010	PAC-HE20-HE20-HF-1M	F.3
24257400010	PAC-HE26-HE26-HF-1M	F.3
24259400010	PAC-HE14-HE14-HF-1M	F.3
24259500010	PAC-HE34-HE34-HF-1M	F.3
24259600010	PAC-HE40-HE40-HF-1M	F.3
24259800010	PAC-D15M-F-HF-1M	F.4
24259900010	PAC-D25M-F-HF-1M	F.4
24260000010	PAC-D37M-F-HF-1M	F.4
24260200010	PAC-D9F-F-HF-1M	F.4
24260300010	PAC-D15F-F-HF-1M	F.4
24260400010	PAC-D25F-F-HF-1M	F.4
24260500010	PAC-D37F-F-HF-1M	F.4
24260700010	PAC-D15M-D15M-HF-1M	F.4
24260800010	PAC-D25M-D25M-HF-1M	F.4
24260900010	PAC-D37M-D37M-HF-1M	F.4
24261100010	PAC-D9F-D9F-HF-1M	F.4
24261200010	PAC-D25F-D25F-HF-1M	F.4
24261300010	PAC-D37F-D37F-HF-1M	F.4
24261500010	PAC-D15M-D15F-HF-1M	F.5
24261600010	PAC-D25M-D25F-HF-1M	F.5
24261800010	PAC-D15F-D15F-HF-1M	F.4
24261900010	PAC-D37M-D37F-HF-1M	F.5

2430000000

24351100000	FAD S5135 SL42 A R	G.10
24351100000	FAD S5135 SL42 A R	G.19
24362300000	BKP-16DO-SDV541-V1-S	C.30

2440000000

24486500000	FAD 1771-WA/WC SL10 M	G.10
24486600000	FAD 1771-WH SL21 M	G.10
24486700000	FAD 1771-WN 2SL20 M	G.10
24486800000	FAD 1771-WB/WD SL12 M	G.10
24486900000	FAD 1771-WF SL18 M	G.10

2460000000

24617300000	BKP-16DO-SDV541-V0-S	C.30

2490000000

24945900000	FAD BLK4 2XSL20	G.10
24945900000	FAD BLK4 2XSL20	G.25

2560000000

25631100000	FAD 1771-WG SL21 M	G.10

2610000000

26180000000	TRP 24VDC 1CO	E.19
26180000000	TRP 24VDC 1CO	E.20
26180000000	TRP 24VDC 1CO	E.21
26180000000	TRP 24VDC 1CO	E.22
26180000000	TRP 24VDC 1CO	E.23
26180000000	TRP 24VDC 1CO	E.24
26180000000	TRP 24VDC 1CO	E.25
26180000000	TRP 24VDC 1CO	E.26
26180000000	TRP 24VDC 1CO	E.27
26180000000	TRP 24VDC 1CO	E.28
26180000000	TRP 24VDC 1CO	E.29
26180000000	TRP 24VDC 1CO	E.30
26180000000	TRP 24VDC 1CO	E.31
26180000000	TRP 24VDC 1CO	E.32
26180000000	TRP 24VDC 1CO	E.33
26180000000	TRP 24VDC 1CO	E.34
26180000000	TRP 24VDC 1CO	E.35
26180000000	TRP 24VDC 1CO	E.36
26180000000	TRP 24VDC 1CO	E.37
26180000000	TRP 24VDC 1CO	E.38
26180000000	TRP 24VDC 1CO	E.39
26180000000	TRP 24VDC 1CO	E.40
26180000000	TRP 24VDC 1CO	E.41
26180000000	TRP 24VDC 1CO	E.42
26180000000	TRP 24VDC 1CO	E.43
26180000000	TRP 24VDC 1CO	E.44
26180000000	TRP 24VDC 1CO	E.45
26180000000	TRP 24VDC 1CO	E.48
26181100000	TRP 24VDC 1CO AU	E.19
26181100000	TRP 24VDC 1CO AU	E.20
26181100000	TRP 24VDC 1CO AU	E.21
26181100000	TRP 24VDC 1CO AU	E.22
26181100000	TRP 24VDC 1CO AU	E.23
26181100000	TRP 24VDC 1CO AU	E.24
26181100000	TRP 24VDC 1CO AU	E.25
26181100000	TRP 24VDC 1CO AU	E.26
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26181100000	TRP 24VDC 1CO AU	E.28
26181100000	TRP 24VDC 1CO AU	E.29
26181100000	TRP 24VDC 1CO AU	E.30
26181100000	TRP 24VDC 1CO AU	E.31
26181100000	TRP 24VDC 1CO AU	E.32
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26181100000	TRP 24VDC 1CO AU	E.39
26181100000	TRP 24VDC 1CO AU	E.40
26181100000	TRP 24VDC 1CO AU	E.41
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26181100000	TRP 24VDC 1CO AU	E.43
26181100000	TRP 24VDC 1CO AU	E.44
26181100000	TRP 24VDC 1CO AU	E.45
26181100000	TRP 24VDC 1CO AU	E.46
26181100000	TRP 24VDC 1CO AU	E.47
26181100000	TRP 24VDC 1CO AU	E.48
26184000000	TRP 24VDC 2CO	E.19
26184000000	TRP 24VDC 2CO	E.20
26184000000	TRP 24VDC 2CO	E.21
26184000000	TRP 24VDC 2CO	E.23
26184000000	TRP 24VDC 2CO	E.24
26184000000	TRP 24VDC 2CO	E.26
26184000000	TRP 24VDC 2CO	E.28
26184000000	TRP 24VDC 2CO	E.29
26184000000	TRP 24VDC 2CO	E.32
26184000000	TRP 24VDC 2CO	E.34
26184000000	TRP 24VDC 2CO	E.36
26184000000	TRP 24VDC 2CO	E.40
26184000000	TRP 24VDC 2CO	E.42
26184000000	TRP 24VDC 2CO	E.43
26184000000	TRP 24VDC 2CO	E.44
26184000000	TRP 24VDC 2CO	E.48
26185300000	TRP 24VDC 2CO AU	E.19
26185300000	TRP 24VDC 2CO AU	E.20
26185300000	TRP 24VDC 2CO AU	E.21
26185300000	TRP 24VDC 2CO AU	E.23
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26185300000	TRP 24VDC 2CO AU	E.29
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26185300000	TRP 24VDC 2CO AU	E.45
26185300000	TRP 24VDC 2CO AU	E.46
26185300000	TRP 24VDC 2CO AU	E.47
26185300000	TRP 24VDC 2CO AU	E.48

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26990020010	C300-32B-216B-2S-M50-1M	B.19

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27274100000	RS VERT 8P 24VDC Z UL V1	D.19

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67200012226	RS PLC IPC-620 24-POINTS	G.46
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77897630010	PAC-ELCO38-F38-F-1M	F.8
77897640010	PAC-ELCO56-F56-F56-1M	F.8
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77897730010	PAC-ELCO56-F32-F32-1M	F.8
77897740010	PAC-ELCO56-F32-F1M	F.8
77897750010	PAC-ELCO56-F54-F54-1M	F.8
77897760010	PAC-ELCO56-F54-F-1M	F.8
77898280010	C300-32B-320B-2S-M25-1M	B.13
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77898370010	PAC-C300-3636-50-1M	B.14
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77898880010	C300-32B-320B-2S-M34-1M	B.13
77898910010	C300-36B-324B-2S-M34-1M	B.14
77898920010	C300-36B-324B-2S-M50-1M	B.14
77898930010	PAC-C300-32-1616-34-1M	B.19
77898950010	C300-32B-F-2S-M50-1M	B.15

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79401254600	SP-RS PLC5 1771-WH/WHF/WHFB 21CH, TIN+GO	G.42
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80039110010	RS SD9B UNC 4.40 LP2N	D.8
80051610010	RS SD50S UNC 4.40 LP2N	A.53
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80051710010	RS SD50B UNC 4.40 LP2N	D.8
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80051910010	RS SD25B UNC 4.40 LP2N	D.8
80052010010	RS SD15S UNC 4.40 LP2N	A.53
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80128600000	RS F14 LP3R 3/14	D.7
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8012970000	RS F64 LP3R 3/66	D.7
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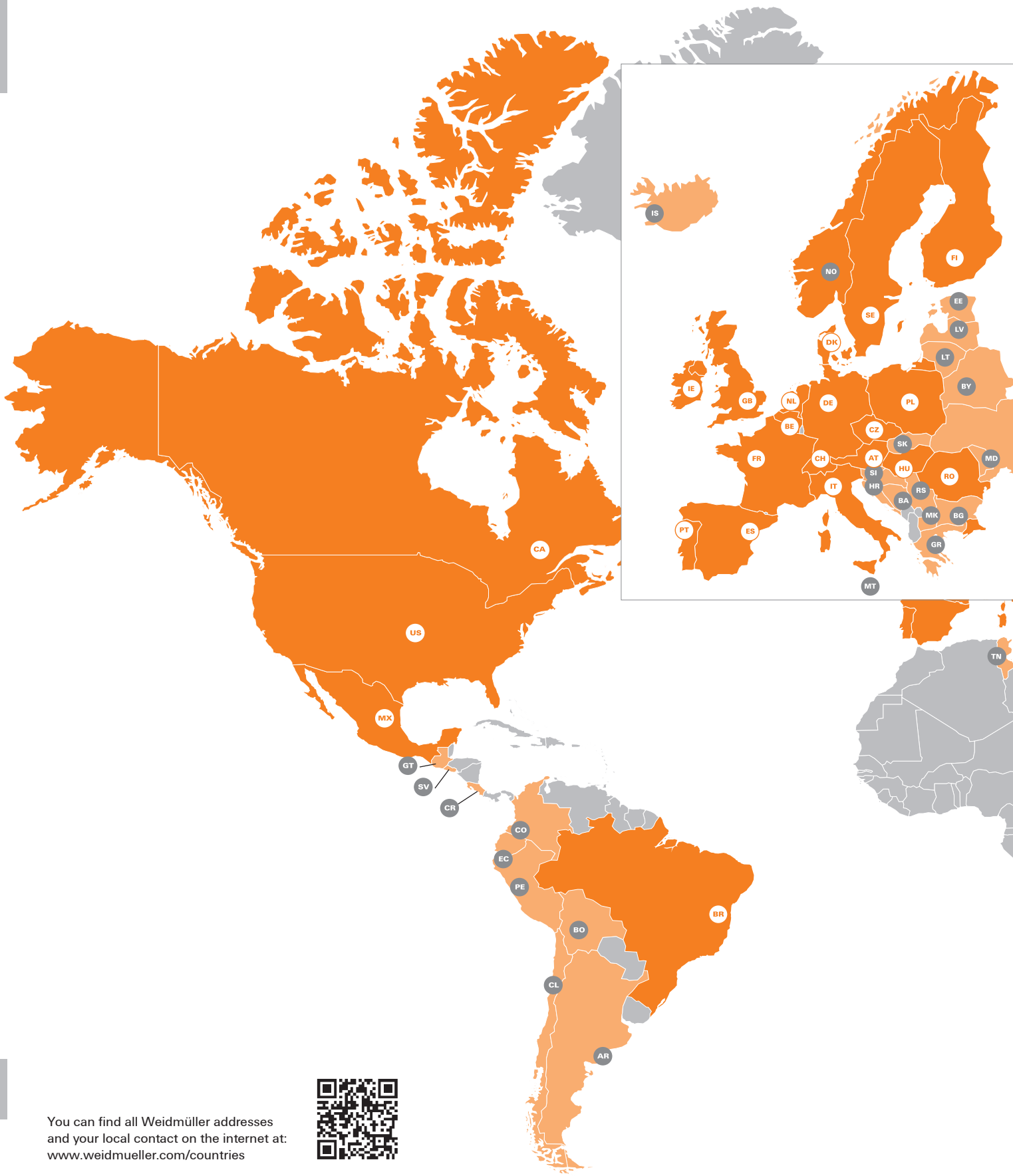

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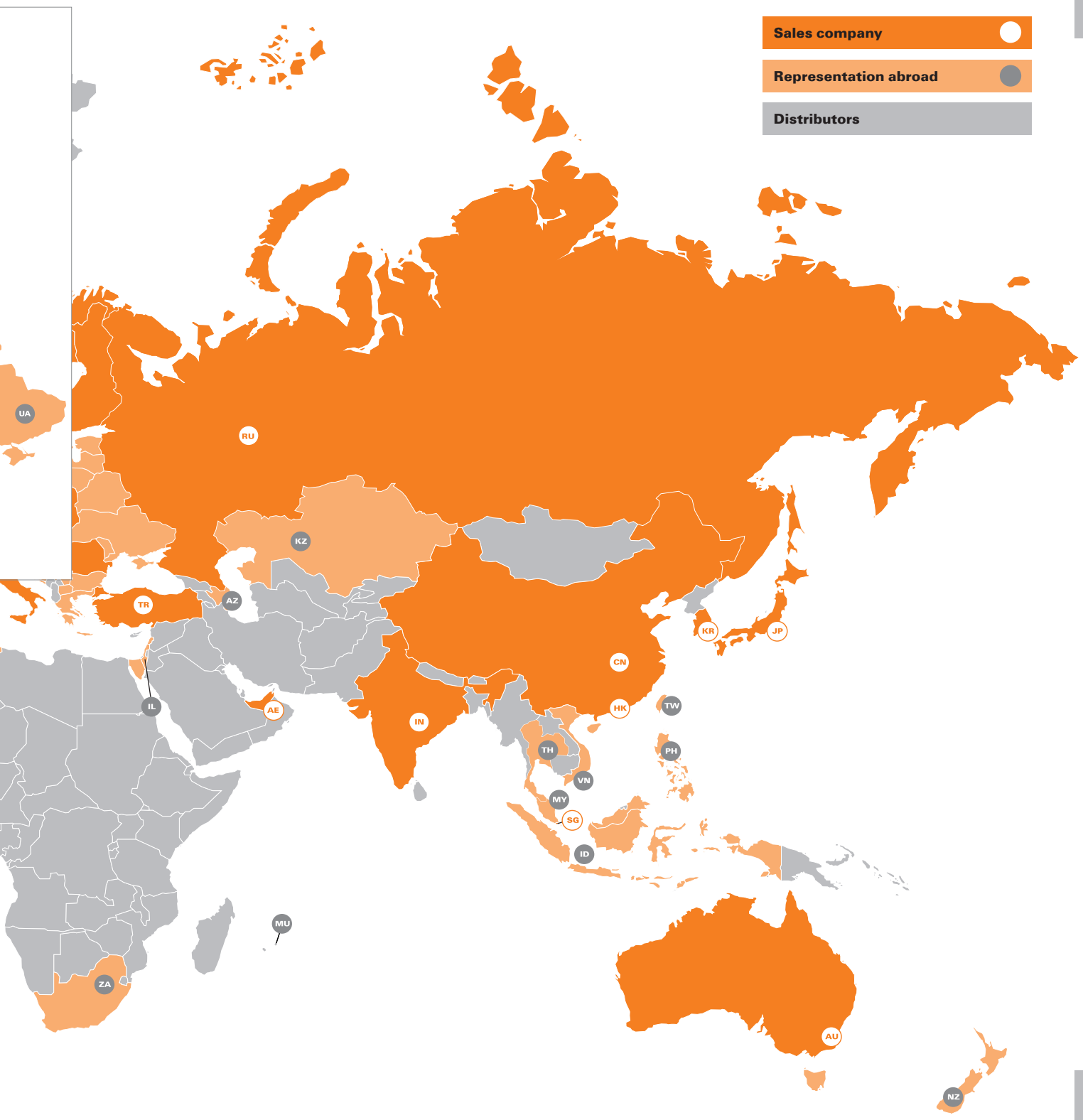
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