Data sheet

FBK 10/400 RK

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Similar to illustration

The pre-assembled control cables have pluggable 10- or 40-pole socket blocks according to IEC 603/1 DIN 41 651. They can be used to connect the PLC front adapter to the active or passive Weidmüller interfaces. They are available in different lengths.

General ordering data

Version	Pre-assembled cable, FBK, FLAT CABLE CONNECTOR HE10 10P
Order No.	8235420000
Type	FBK 10/400 RK
GTIN (EAN)	4008190264642
Qty.	1 items
Delivery status	Discontinued

Data sheet

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Net weight	253 g

Temperatures

Storage temperature	-10...70 °C	Operating temperature	

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

General Data

Cable length	4 m	Suitable for	Digital signals
Basic material	PVC	Cable	Cable LiYY
Interface connector	FLAT CABLE CONECTOR HE10 10P	Number of poles, min.	10-pole
Connector PLC side	FLAT CABLE CONECTOR HE10 10P	Wire cross-section	0.14 mm²

Electrical Data

Total current, max.	3 A	Permissible current strength per path, max.	1 A
Rated voltage	< 50 V AC, ≤ 50 V DC	Resistance	55 mΩ/m

Classifications

ETIM 8.0	EC000237	ETIM 9.0	EC000237
ETIM 10.0	EC000237	ECLASS 14.0	27-24-22-20
ECLASS 15.0	27-24-22-20		

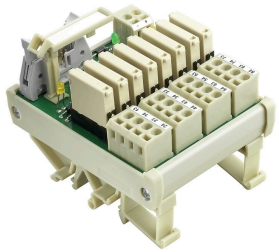
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Accessories

Interfaces for output signals



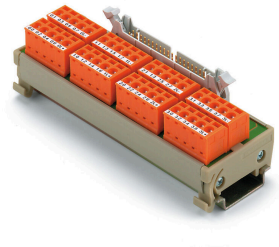
The RS F40 or RS F10 interface elements (for 32 or 8 signals) enable a relay to be used to isolate signals coming from the PLC with sensors and field actuators.
The main characteristics are:
- Tension-clamp or screw connection system
- Signals grouped according to bytes.
- Extremely compact modules in RS 45 profile section for installation on standard TS35 mounting rail.

General ordering data

Type	RS F40 16RS OUT 24VDC	Version
Order No.	8224181001	RCL314024, Screw connection
GTIN (EAN)	4032248063338	
Qty.	1 ST	

Type	RS F40 16RS OUT 24VDC E	Version
Order No.	8224191001	RCL314024, Screw connection
GTIN (EAN)	4032248159888	
Qty.	1 ST	

Direct input/output digital interfaces

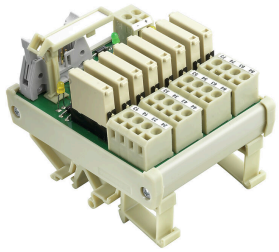


Passive RS F40 or RS F10 interface elements for 32 or 8 signals: these enable an efficient connection of peripherals (sensors and actuators) to the input/output modules of the PLC using pre-assembled cables.
The main characteristics are:
- Tension-clamp or screw connection system
- Signals grouped according to bytes.
- 1-, 2- or 3-wire technology.
- Extremely compact modules in RS 45 profile section for installation on standard TS35 mounting rail.

General ordering data

Type	RS F10 I/O8 LD LPK2	Version
Order No.	8224260000	Interface, RSF, 1-wire, Screw connection
GTIN (EAN)	4008190208127	
Qty.	1 ST	

Interfaces for output signals



The RS F40 or RS F10 interface elements (for 32 or 8 signals) enable a relay to be used to isolate signals coming from the PLC with sensors and field actuators.
The main characteristics are:
- Tension-clamp or screw connection system
- Signals grouped according to bytes.
- Extremely compact modules in RS 45 profile section for installation on standard TS35 mounting rail.

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Accessories

General ordering data

Type	RS F10 8R OUT 24VDC	Version
Order No.	8329800000	DOLD OW5691, Screw connection
GTIN (EAN)	4008190337216	
Qty.	1 ST	

Front adapter for PLC S7



The front-panel adapter can be quickly and securely connected to SIEMENS S7 300/400 I/O modules. They offer inexpensive coupling of active and passive interface modules.

- Pre-assembled control cable, 4 x 10 or 1 x 40 poles
- Separate feeding of supply voltage via screw connection terminals
- Isolation of potentials via plug-in cross-connectors.

General ordering data

Type	SIM S7/400 FB40 2.0M	Version
Order No.	8335900200	
GTIN (EAN)	4008190915759	
Qty.	1 ST	
Type	SIM S7/400 FB40 2.5M	Version
Order No.	8335900250	Pre-assembled cable, SIM, Siemens S7-400, 48 P
GTIN (EAN)	4008190072094	
Qty.	1 ST	
Type	SIM S7/400 FB40 3.0M	Version
Order No.	8335900300	Pre-assembled cable, SIM, Siemens S7-400, 48 P
GTIN (EAN)	4032248016426	
Qty.	1 ST	
Type	SIM S7/400 FB4*10 2.0M	Version
Order No.	8335910200	Pre-assembled cable, SIM, Siemens S7-400, 48 P
GTIN (EAN)	4008190072773	
Qty.	1 ST	
Type	SIM S7/400 FB4*10 2.5M	Version
Order No.	8335910250	Pre-assembled cable, SIM, Siemens S7-400, 48 P
GTIN (EAN)	4008190073213	
Qty.	1 ST	
Type	SIM S7/400 FB4*10 3.0M	Version
Order No.	8335910300	Pre-assembled cable, SIM, Siemens S7-400, 48 P
GTIN (EAN)	4008190073497	
Qty.	1 ST	
Type	SIM S7/400 FB4*10 5.0M	Version
Order No.	8335910500	Pre-assembled cable, SIM, Siemens S7-400, 48 P
GTIN (EAN)	4008190915704	
Qty.	1 ST	

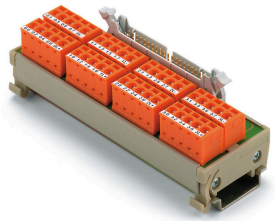
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Accessories

Direct input/output digital interfaces

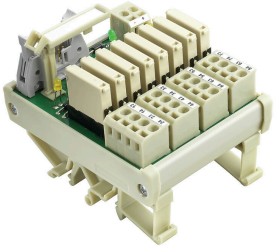


Passive RS F40 or RS F10 interface elements for 32 or 8 signals: these enable an efficient connection of peripherals (sensors and actuators) to the input/output modules of the PLC using pre-assembled cables.
The main characteristics are:
- Tension-clamp or screw connection system
- Signals grouped according to bytes.
- 1-, 2- or 3-wire technology.
- Extremely compact modules in RS 45 profile section for installation on standard TS35 mounting rail.

General ordering data

Type	RS F10 I/O8 LMZF	Version
Order No.	8428870000	Interface, RSF, 1-wire, Tension-clamp connection
GTIN (EAN)	4008190030582	
Qty.	1 ST	
Type	RS F40 I/O32 LMZF	Version
Order No.	8428880000	Interface, RSF, 1-wire, Tension-clamp connection
GTIN (EAN)	4008190032210	
Qty.	1 ST	
Type	RS F10 INIT8 LD LMZF	Version
Order No.	8428890000	Interface, RSF, 3-wire, Tension-clamp connection
GTIN (EAN)	4008190032005	
Qty.	1 ST	
Type	RS F40 INIT32 LD LMZF	Version
Order No.	8428900000	Interface, RSF, 3-wire, Tension-clamp connection
GTIN (EAN)	4008190030384	
Qty.	1 ST	
Type	RS F40 INIT32 LMZF	Version
Order No.	8430980000	Interface, RSF, 2-wire, Tension-clamp connection
GTIN (EAN)	4008190036188	
Qty.	1 ST	

Interfaces for output signals



The RS F40 or RS F10 interface elements (for 32 or 8 signals) enable a relay to be used to isolate signals coming from the PLC with sensors and field actuators.
The main characteristics are:
- Tension-clamp or screw connection system
- Signals grouped according to bytes.
- Extremely compact modules in RS 45 profile section for installation on standard TS35 mounting rail.

General ordering data

Type	RS F10 8RS OUT LMZF	Version
Order No.	8430990000	FUJITSU NYP-24WK, Tension-clamp connection
GTIN (EAN)	4008190027551	
Qty.	1 ST	

FBK 10/400 RK

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Accessories

Type	RS F40 32RS OUT LMZF	Version
Order No.	8431000000	FUJITSU NYP-24WK, Tension-clamp connection
GTIN (EAN)	4008190032753	
Qty.	1 ST	

Front adapter for PLC S7



The front-panel adapter can be quickly and securely connected to SIEMENS S7 300/400 I/O modules. They offer inexpensive coupling of active and passive interface modules.

- Pre-assembled control cable, 4 x 10 or 1 x 40 poles
- Separate feeding of supply voltage via screw connection terminals
- Isolation of potentials via plug-in cross-connectors.

General ordering data

Type	SIM S7/300 FB40 2.0M	Version
Order No.	8433290200	Pre-assembled cable, SIM, Siemens S7-300, 40 P
GTIN (EAN)	4008190094195	
Qty.	1 ST	
Type	SIM S7/300 FB40 2.5M	Version
Order No.	8433290250	Pre-assembled cable, SIM, Siemens S7-300, 40 P
GTIN (EAN)	4008190097424	
Qty.	1 ST	
Type	SIM S7/300 FB40 3.0M	Version
Order No.	8433290300	Pre-assembled cable, SIM, Siemens S7-300, 40 P
GTIN (EAN)	4008190113001	
Qty.	1 ST	
Type	SIM S7/300 FB40 5.0M	Version
Order No.	8433290500	Pre-assembled cable, SIM, Siemens S7-300, 40 P
GTIN (EAN)	4008190120252	
Qty.	1 ST	
Type	SIM S7/300 FB4*10 2.0M	Version
Order No.	8433310200	Pre-assembled cable, SIM, Siemens S7-300, 40 P
GTIN (EAN)	4008190058494	
Qty.	1 ST	
Type	SIM S7/300 FB4*10 2.5M	Version
Order No.	8433310250	Pre-assembled cable, SIM, Siemens S7-300, 40 P
GTIN (EAN)	4008190059941	
Qty.	1 ST	
Type	SIM S7/300 FB4*10 3.0M	Version
Order No.	8433310300	Pre-assembled cable, SIM, Siemens S7-300, 40 P
GTIN (EAN)	4008190064204	
Qty.	1 ST	
Type	SIM S7/300 FB4*10 5.0M	Version
Order No.	8433310500	Pre-assembled cable, SIM, Siemens S7-300, 40 P
GTIN (EAN)	4008190069032	
Qty.	1 ST	

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Accessories

Micro interface digital



Specific adapter to be connected to the MICROSERIE RELAYS using a 10-pole flat-cable connector or 15-pole Sub-D connector.

General ordering data

Type	MI8DO-Z SUB D15S	Version
Order No.	8773570000	IEC 60603/DIN41612 plug-in connectors, Tension-clamp connection
GTIN (EAN)	4032248442102	
Qty.	1 ST	
Type	MI8DI-Z F10 S	Version
Order No.	8773530000	Plug-in connector in acc. with IEC60603-13 / DIN41651, Tension-
GTIN (EAN)	4032248442065	clamp connection
Qty.	1 ST	
Type	MI8DI-Z SUB D15S	Version
Order No.	8773490000	IEC 60603/DIN41612 plug-in connectors, Tension-clamp connection
GTIN (EAN)	4032248442010	
Qty.	1 ST	
Type	MI8DI-S SUB D15S	Version
Order No.	8773460000	IEC 60603/DIN41612 plug-in connectors, Screw connection
GTIN (EAN)	4032248441990	
Qty.	1 ST	
Type	MI8DO-S SUB D15S	Version
Order No.	8773550000	IEC 60603/DIN41612 plug-in connectors, Screw connection
GTIN (EAN)	4032248442089	
Qty.	1 ST	
Type	MI8DO-Z F10 S	Version
Order No.	8773620000	Plug-in connector in acc. with IEC60603-13 / DIN41651, Tension-
GTIN (EAN)	4032248442157	clamp connection
Qty.	1 ST	
Type	MI8DO-S F10 S	Version
Order No.	8773600000	Plug-in connector in acc. with IEC60603-13 / DIN41651, Screw
GTIN (EAN)	4032248442133	connection
Qty.	1 ST	
Type	MI8DI-S F10 S	Version
Order No.	8773510000	Plug-in connector in acc. with IEC60603-13 / DIN41651, Screw
GTIN (EAN)	4032248442034	connection
Qty.	1 ST	

FBK 10/400 RK

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Accessories

Pre-assembled control cable



The pre-assembled control cables have pluggable 10- or 40-pole socket blocks according to IEC 603/1 DIN 41 651. They can be used to connect the PLC front adapter to the active or passive Weidmüller interfaces. They are available in different lengths.

General ordering data

Type	FBK 40/500 RK	Version
Order No.	8235350000	Pre-assembled cable, FBK, FLAT CABLE PLANO HE10 40P
GTIN (EAN)	4008190267759	
Qty.	1 ST	
Type	FBK 40/100 RK	Version
Order No.	8216350000	Pre-assembled cable, FBK, FLAT CABLE PLANO HE10 40P
GTIN (EAN)	4008190190392	
Qty.	1 ST	
Type	FBK 10/500 RK	Version
Order No.	8235440000	Pre-assembled cable, FBK, FLAT CABLE CONECTOR HE10 10P
GTIN (EAN)	4008190264666	
Qty.	1 ST	
Type	FBK 10/200 RK	Version
Order No.	8235380000	Pre-assembled cable, FBK, FLAT CABLE CONECTOR HE10 10P
GTIN (EAN)	4008190264604	
Qty.	1 ST	
Type	FBK 10/350 RK	Version
Order No.	8235410000	Pre-assembled cable, FBK, FLAT CABLE CONECTOR HE10 10P
GTIN (EAN)	4008190264635	
Qty.	1 ST	
Type	FBK 40/300 RK	Version
Order No.	8216390000	Pre-assembled cable, FBK, FLAT CABLE PLANO HE10 40P
GTIN (EAN)	4008190264697	
Qty.	1 ST	
Type	FBK 40/150 RK	Version
Order No.	8216360000	Pre-assembled cable, FBK, FLAT CABLE PLANO HE10 40P
GTIN (EAN)	4008190264673	
Qty.	1 ST	
Type	FBK 40/400 RK	Version
Order No.	8216410000	Pre-assembled cable, FBK, FLAT CABLE PLANO HE10 40P
GTIN (EAN)	4008190264710	
Qty.	1 ST	
Type	FBK 40/200 RK	Version
Order No.	8216370000	Pre-assembled cable, FBK, FLAT CABLE PLANO HE10 40P
GTIN (EAN)	4008190263584	
Qty.	1 ST	
Type	FBK 40/350 RK	Version
Order No.	8216400000	Pre-assembled cable, FBK, FLAT CABLE PLANO HE10 40P
GTIN (EAN)	4008190264703	
Qty.	1 ST	

FBK 10/400 RK

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Accessories

Type	FBK 40/250 RK	Version
Order No.	8216380000	Pre-assembled cable, FBK, FLAT CABLE PLANO HE10 40P
GTIN (EAN)	4008190264680	
Qty.	1 ST	