

RS F10 I/O8 LMZF

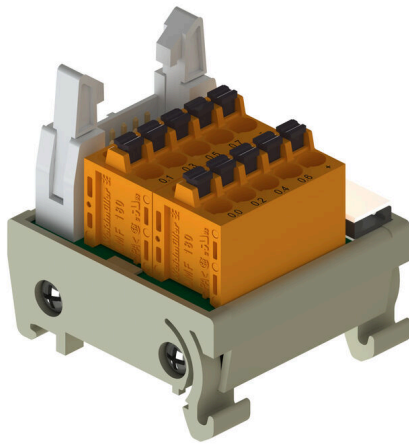
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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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

Version	Interface, RSF, 1-wire, Tension-clamp connection
Order No.	8428870000
Type	RS F10 I/O8 LMZF
GTIN (EAN)	4008190030582
Qty.	1 items

RS F10 I/O8 LMZF

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	54 mm	Depth (inches)	2.126 inch
Height	45 mm	Height (inches)	1.7716 inch
Width	43 mm	Width (inches)	1.6929 inch
Net weight	65.2 g		

Temperatures

Storage temperature -40...70 °C Operating temperature 0...55 °C

Environmental Product Compliance

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

Connection data

Number of poles (control side)	10-pole	Connection supply	LMNZF 5.08mm
Wiring system	1-wire	Connection (field side)	LMNZF 5.08mm
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651		

Ratings data

Max. current per channel 1 A

Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	60 V AC
Surge voltage category	II	Pollution severity level	2
Insulation test voltage AC	0.38 kV		

Connection field

Min. wire cross-section, AWG	AWG 26	Type of connection	Tension-clamp connection
Sleeve with plastic collar, max.	2.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Solid, max. H05(07) V-U	1.5 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Stripping length	7 mm	Clamping range, max.	1.5 mm ²
Clamping range, min.	0.5 mm ²	Max. wire cross-section, AWG	AWG 14

Supply connection

Type of connection	Tension-clamp connection	Clamping range, min.	0.5 mm ²
Clamping range, max.	1.5 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	1.5 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, max.	1.5 mm ²

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Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 14
Stripping length	7 mm		

Classifications

ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

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Drawings

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