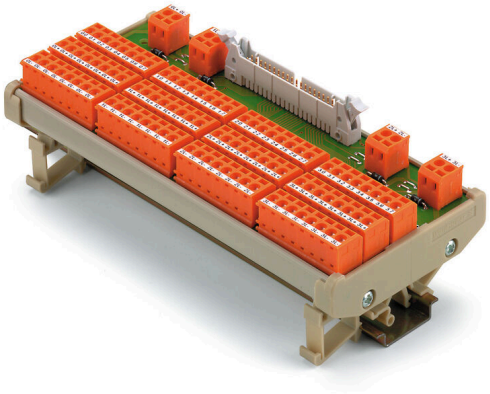
Data sheet

RS F40 INIT32 LMZF

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

www.weidmueller.com



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, 2-wire, Tension-clamp connection
Order No.	8430980000
Type	RS F40 INIT32 LMZF
GTIN (EAN)	4008190036188
Qty.	1 items
Delivery status	Discontinued
Last order date	2021-12-21T00:00:00+01:00

Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Height	73 mm	Height (inches)	2.874 inch
Width	87 mm	Width (inches)	3.4252 inch
Length	185 mm	Length (inches)	7.2835 inch
Net weight	314 g		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	3820ceea-2b49-4a61-bda5-08f3867b3419

General data

LED status display per channel	No	Fuse per channel	No
LED status of the supply voltage	No	Power supply fuse	No

Connection data

Number of poles (control side)	40-pole plug	Connection supply	LMNZF 5.08mm
Wiring system	2-wire	Connection (field side)	LMNZF 5.08mm
Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651		

Ratings data

Operating voltage	50 V AC	Max. current per channel	1 A

Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	< 50 V AC
Surge voltage category	III	Pollution severity level	2
Insulation test voltage AC	0.35 kV		

Connection field

Min. wire cross-section, AWG	AWG 26	Type of connection	Tension-clamp connection
Sleeve with plastic collar, max.	2.5 mm²	Flexible with sleeve, max.	1.5 mm²
Flexible, max. H05(07) V-K	1.5 mm²	Flexible, min. H05(07) V-K	0.5 mm²
Solid, max. H05(07) V-U	1.5 mm²	Solid, min. H05(07) V-U	0.5 mm²
Stripping length	7 mm	Clamping range, max.	1.5 mm²
Clamping range, min.	0.15 mm²	Max. wire cross-section, AWG	AWG 14

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Technical data

Supply connection

Type of connection	Tension-clamp connection	Clamping range, min.	0.15 mm²
Clamping range, max.	1.5 mm²	Solid, min. H05(07) V-U	0.5 mm²
Solid, max. H05(07) V-U	1.5 mm²	Flexible, min. H05(07) V-K	0.5 mm²
Flexible, max. H05(07) V-K	1.5 mm²	Flexible with sleeve, max.	1.5 mm²
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

