

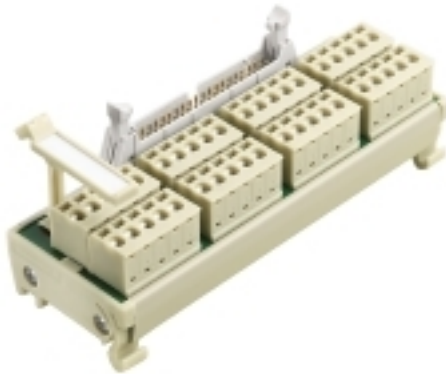
RS F40 I/O32 LMZF**Weidmüller Interface GmbH & Co. KG**

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, 1-wire, Tension-clamp connection
Order No.	8428880000
Type	RS F40 I/O32 LMZF
GTIN (EAN)	4008190032210
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2020-07-07

Creation date March 29, 2021 10:50:45 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Height	54 mm	Height (inches)	2.126 inch
Length	125 mm	Length (inches)	4.921 inch
Net weight	142 g	Width	45 mm
Width (inches)	1.772 inch		

Temperatures

Storage temperature	-40...70 °C	Operating temperature	0...55 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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

Connection (field side)		Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
	LMNZF 5.08mm		
Connection supply	LMNZF 5.08mm	Number of poles (control side)	40-pole plug
Wiring system	1-wire		

Ratings data

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

Connection field

Clamping range, max.	1.5 mm ²	Clamping range, min.	0.5 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	Max. wire cross-section, AWG	AWG 14
Min. wire cross-section, AWG	AWG 26	Sleeve with plastic collar, max.	2.5 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	Type of connection	Tension-clamp connection

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

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ETIM 6.0	EC002780	ETIM 7.0	EC002780
ECLASS 9.0	27-14-11-52	ECLASS 9.1	27-14-11-52
ECLASS 10.0	27-14-11-52	ECLASS 11.0	27-14-11-52

Approvals

Approvals



ROHS

Conform

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Engineering Data

[WSCAD](#)

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www.weidmueller.com**Drawings**