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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**RS F10 I/O8 LMZF****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

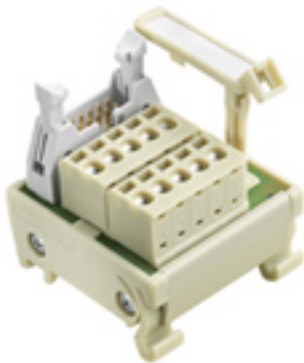
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Passive RS F40 or RS F10 interface elements for 32 or 8 signals: these enable an efficient connection of peripherals (sensors and actuators) to the input/output modules of the PLC using pre-assembled cables.

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**

Type	RS F10 I/O8 LMZF
Order No.	<a href="#">8428870000</a>
Version	1-wire, Tension clamp connection
GTIN (EAN)	4008190030582
Qty.	1 pc(s).

## RS F10 I/O8 LMZF

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## Technical data

## Dimensions and weights

Length	43 mm	Width	45 mm
Height	54 mm	Net weight	74 g

## Temperatures

Operating temperature	0...+55°C	Storage temperature	-40...+70 °C
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## Connection data

Connection on control side	Connector according IEC60603-13/DIN41651	Number of poles (control side)	10-pole
Connection (field side)	LMNZF 5.08mm	Connection supply	LMNZF 5.08mm
Wiring system	1-wire		

## Ratings data

Max. current per channel	1 A
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## 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	0.38 kVAC		

## Connection field

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

## Supply connection

Type of connection	Tension clamp connection	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, max.	1.5 mm <sup>2</sup>
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 14
Stripping length	7 mm		

## Classifications

ETIM 3.0	EC001419	UNSPSC	30-21-18-01
eClass 5.1	27-24-22-04	eClass 6.2	27-24-22-04
eClass 7.1	27-24-22-04		

**Data sheet**

**RS F10 I/O8 LMZF**

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**Technical data**

**Approvals**

Approvals



ROHS

Conform

**Data sheet**

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**Drawings**

