

RS F10 I/O8 LD LPK2**Weidmüller Interface GmbH & Co. KG**

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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

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

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Technical data

Dimensions and weights

Length	40 mm	Width	87 mm
Height	80 mm	Net weight	123 g

Temperatures

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

LED status display per channel	yellow	LED status of the supply voltage	green
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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)	LPK 2H 5.08mm	Connection supply	LPK 2H 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	≤ 50 V DC
Surge voltage category	III	Pollution severity level	2
Insulation test voltage	0.35 kVAC		

Connection field

Type of connection	Screw connection	Clamping range, min.	0.15 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	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	2.5 mm ²
Sleeve with plastic collar, max.	2.5 mm ²	Min. wire cross-section, AWG [field]	AWG 26
Max. wire cross-section, AWG [field]	AWG 12	Tightening torque, min.	0.5 Nm
Tightening torque, max.	0.6 Nm	Stripping length	6 mm

Supply connection

Type of connection	Screw connection	Clamping range, min.	0.15 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	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	4 mm ²
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 10
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	13 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

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Technical data

Approvals

Approvals



ROHS

Conform

Data sheet

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Drawings

