

RS F10 8R OUT 24VDC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

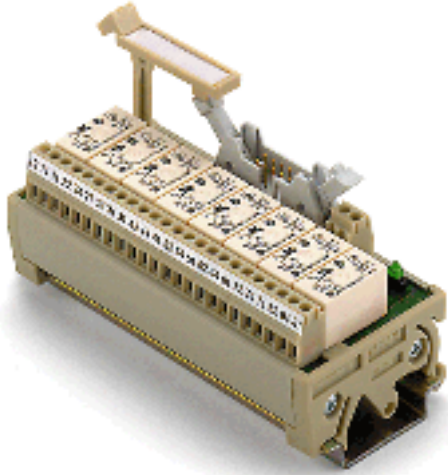
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The RS F40 or RS F10 interface elements (for 32 or 8 signals) enable a relay to be used to isolate signals coming from the PLC with sensors and field actuators.

The main characteristics are:

- Tension-clamp or screw connection system
- Signals grouped according to bytes.
- Extremely compact modules in RS 45 profile section for installation on standard TS35 mounting rail.

General ordering data

Type	RS F10 8R OUT 24VDC
Order No.	832980000
Version	DOLD OW5691, Screw connection
GTIN (EAN)	4008190337216
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	93 mm	Width	45 mm
Height	51 mm	Net weight	136 g

Temperatures

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

LED status display per relay	green	Disconnecter per relay	No
Fuse per relay	No	Switch	No
LED status of the supply voltage	yellow	Power supply fuse	No

Connection data

Connection on control side	Connector according IEC60603-13/DIN41651	Number of poles (control side)	10-pole
Connection (field side)	LM 3.5mm	Connection supply	LM 3.5mm

Rating data

Mechanical service life	3 x 10 ⁷ switching cycles	Switch-on delay	< 8 ms
Switch-off delay	< 4 ms		

Ratings data input

Input voltage	24 V DC ± 10%	Power rating	0.5 W
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Ratings data output

Min. switching current	100 mA	Relay type	DOLD OW5691
Type of output	Potential-free contact	Contact material	AgNi 90/10
Max. AC continuous current	3 A	AC peak current	5 A

Insulation coordinates (EN50178)

According to	DIN EN 50178	Rated input insulation voltage	< 50 V AC
Rated output insulation voltage	< 250 V AC	Overvoltage category input/output	II
Overvoltage category input/output	II	Overvoltage category output/output	II
Pollution severity level	2		

Connection field

Type of connection	Screw connection	Clamping range, min.	0.08 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, min.	0.5 mm ²
Sleeve with plastic collar, max.	0.75 mm ²	Min. wire cross-section, AWG [field]	AWG 28
Max. wire cross-section, AWG [field]	AWG 14	Tightening torque, min.	0.2 Nm
Tightening torque, max.	0.25 Nm	Stripping length	5 mm

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Technical data**Supply connection**

Type of connection	Screw connection	Clamping range, min.	0.08 mm ²
Clamping range, max.	1.5 mm ²	Solid, min. H05(07) V-U	0.08 mm ²
Solid, max. H05(07) V-U	1.5 mm ²	Flexible, min. H05(07) V-K	0.08 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, min.	0.5 mm ²
Ferrule with plastic collar, max.	0.75 mm ²	Wire cross-section, min. AWG	AWG 28
Wire cross-section, max. AWG	AWG 14	Tightening torque, min.	0.2 Nm
Tightening torque, max.	0.25 Nm	Stripping length	5 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		

Approvals

Approvals



ROHS

Conform

DownloadsDeclaration of Conformity [K126_10_97.PDF](#)

Data sheet

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Drawings

