

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

Klingenbergstraße 16

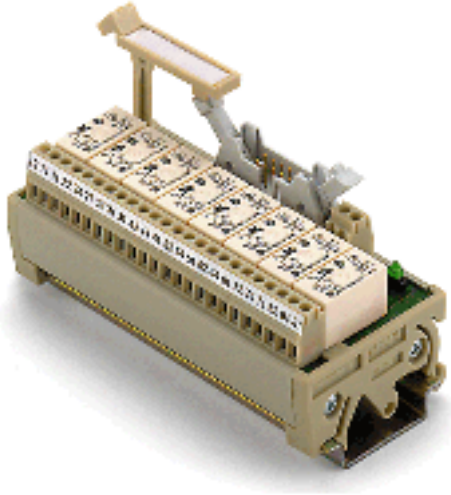
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The RS F40 or RS F10 interface elements (for 32 or 8 signals) enable a relay to be used to isolate signals coming from the PLC with sensors and field actuators.

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.	<a href="#">832980000</a>
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 <sup>7</sup> 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 <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, min.	0.5 mm <sup>2</sup>
Sleeve with plastic collar, max.	0.75 mm <sup>2</sup>	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 <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.08 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.08 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.5 mm <sup>2</sup>
Ferrule with plastic collar, max.	0.75 mm <sup>2</sup>	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

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Declaration of Conformity [K126\\_10\\_97.PDF](#)

**Data sheet**

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**Drawings**

