

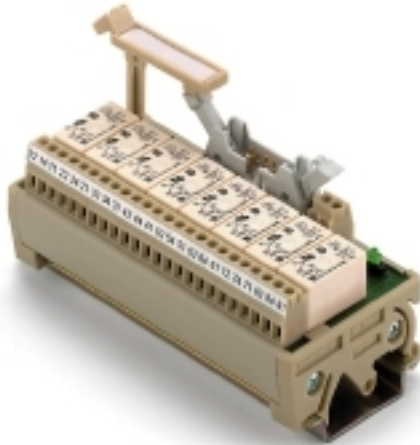
RS F10 8R OUT 24VDC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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

Version	DOLD OW5691, Screw connection
Order No.	8329800000
Type	RS F10 8R OUT 24VDC
GTIN (EAN)	4008190337216
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2018-10-27

Creation date March 29, 2021 10:48:12 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	51 mm	Height (inches)	2.008 inch
Length	93 mm	Length (inches)	3.661 inch
Net weight	136 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 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 (field side)		Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
	LM 3.5mm		
Connection supply	LM 3.5mm	Number of poles (control side)	10-pole

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/input	II
Overvoltage category input/output	II	Overvoltage category output/output	II
Pollution severity level	2		

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Connection field

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

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 6.0	EC002780	ETIM 7.0	EC002780
ECLASS 9.0	27-14-11-52	ECLASS 9.1	27-24-22-16
ECLASS 10.0	27-14-11-52	ECLASS 11.0	27-14-11-52

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of
Conformity[K126_10_97.PDF](#)

Engineering Data

[WSCAD](#)

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Drawings

