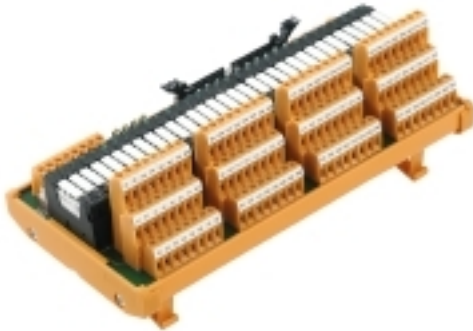


RSM-32 PLC C 1CO S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

Digital output interface per-relay for electrical signal transmission between the PLC and the field.

- Electrical isolation using pluggable relays.
- Integrated LED status display.
- Screw or tension clamp connection.
- The relay switchover can be carried out by the PLC or manually by a relay.
- Two available versions: compact (RSS Relais) or standard (RSS Relais) .

General ordering data

Version	Interface, RSM PLC, 32, RSS, Screw connection
Order No.	1129050000
Type	RSM-32 PLC C 1CO S
GTIN (EAN)	4032248910359
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2020-12-30

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Technical data**Dimensions and weights**

Height	85 mm	Height (inches)	3.346 inch
Length	215 mm	Length (inches)	8.465 inch
Net weight	1,200 g	Width	109 mm
Width (inches)	4.291 inch		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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General data

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

Connection data

Connection (field side)	LP 5.08mm	Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Connection supply	LP 5.08mm	Number of poles (control side)	40-pole plug

Rating data

Mechanical service life	5 x 10 ⁶ switching cycles
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Ratings data input

Input voltage	24 V DC ± 10%	Input current	13 mA
Power rating	0.36 W		

Ratings data output

Relay type	RSS	Type of output	Potential-free contact
Contact material	AgNi 90/10	Rated voltage (text)	250 V AC
Max. AC continuous current	2.5 A	Minimum contact current	0.1 A
Minimum contact voltage	5 V		

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	III	Overvoltage category output/output	II
Pollution severity level	2	Pulse voltage test (1,2/50µs)	6 kV
Insulation test voltage	1.2 kVAC	Clearance input/output	≥ 5.5 mm
Clearance input/input	≥ 0.2 mm	Clearance output/output	≥ 1.17 mm

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Technical data

Connection field

Clamping range, max.	6 mm ²	Clamping range, min.	0.13 mm ²
Flexible with sleeve, max.	2.5 mm ²	Flexible with sleeve, min.	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Max. wire cross-section, AWG	AWG 12	Min. wire cross-section, AWG	AWG 26
Sleeve with plastic collar, max.	2.5 mm ²	Solid, max. H05(07) V-U	6 mm ²
Solid, min. H05(07) V-U	0.5 mm ²	Stripping length	6 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Type of connection	Screw connection		

Supply connection

Type of connection	Screw connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 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
Flexible with sleeve, min.	0.5 mm ²	Ferrule with plastic collar, max.	2.5 mm ²
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 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

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Approval/Certificate/Document of
Conformity[Declaration of Conformity](#)

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Drawings

