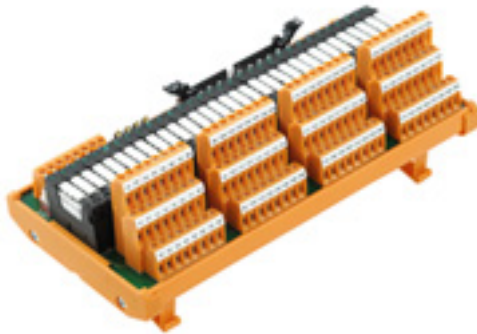


**RSM PLC
RSM-32 PLC C SW 1CO Z**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



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

Type	RSM-32 PLC C SW 1CO Z
Order No.	1129090000
Version	Interface, RSM PLC, 32 with switch, RSS, Tension clamp connection
GTIN (EAN)	4032248910489
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	255 mm	Width	109 mm
Height	85 mm	Net weight	1,264 g

Temperatures

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

LED status display per relay	green	Fuse per relay	No
Switch	Yes (coil side)	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)	40-pole plug
Connection (field side)	LM3NZF 5.08mm	Connection supply	LMNZF 5.08mm

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/output	III
Overvoltage category input/output	II	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/output	≥ 0.2 mm	Clearance output/output	≥ 1.17 mm

Connection field

Type of connection	Tension clamp connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²	Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²	Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Flexible with sleeve, min.	0.25 mm ²	Sleeve with plastic collar, max.	1.5 mm ²
Min. wire cross-section, AWG [field]	AWG 24	Max. wire cross-section, AWG [field]	AWG 14
Stripping length	7.5 mm		

Erstellungs-Datum December 17, 2013 10:27:08 AM CET

Datenblatt

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Technische Daten

Supply connection

Type of connection	Tension clamp connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²	Solid, min. H05(07) V-U	0.13 mm ²
Solid, max. H05(07) V-U	2.5 mm ²	Flexible, min. H05(07) V-K	0.13 mm ²
Flexible, max. H05(07) V-K	2.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Flexible with sleeve, min.	0.25 mm ²	Ferrule with plastic collar, max.	1.5 mm ²
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 14
Stripping length	6 mm		

Classifications

eClass 6.2	27-37-16-01	eClass 7.1	27-37-16-01
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Product information

Descriptive text accessories	Relay 4060120000 RSS 24 V DC 1CO
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Approvals

Approvals



ROHS	Conform
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Zeichnungen

