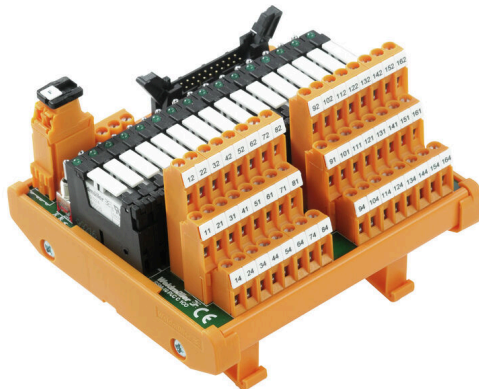


RSM-16 PLC C SW 1CO Z

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, 16 with switch, RSS, Tension-clamp connection
Order No.	1129040000
Type	RSM-16 PLC C SW 1CO Z
GTIN (EAN)	4032248910205
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E141197

Dimensions and weights

Depth	80 mm	Depth (inches)	3.1496 inch
Height	109 mm	Height (inches)	4.2913 inch
Width	111 mm	Width (inches)	4.3701 inch
Net weight	445 g		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	71d9bdc4-a0b5-4af0-93bd-2ad4e523fb14

Rated data UL

Rated current I _N	13 mA	Operating temperature UL, min.	-25 °C
Operating temperature UL, max.	50 °C	Rated voltage DC UN (supply)	24 V
Rated current (supply)	2 A	Rated current fuse (supply)	2.5 A
Rated voltage DC UN (input)	24 V	Rated voltage AC UN (output)	250 V
Rated current I _{max} (output)	2.5 A		

General data

LED status display per relay	green	Fuse per relay	No
Contactors	Yes (coil side)	LED status of the supply voltage	yellow
Power supply fuse	2.5 A		

Connection data

Number of poles (control side)	20-pole plug	Connection supply	LMNZF 5.08mm
Connection (field side)	LM3NZF 5.08mm	Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651

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		

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Ratings data output

Relay type	RSS	Type of output	Potential-free contact
Material of contacts	AgNi 90/10	Rated voltage	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 AC	1.2 kV	Clearance input/output	≥ 5.5 mm
Clearance input/input	≥ 0.2 mm	Clearance output/output	≥ 1.17 mm

Connection field

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

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

ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

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Drawings

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