

## RSM-8 230VAC 1CO Z

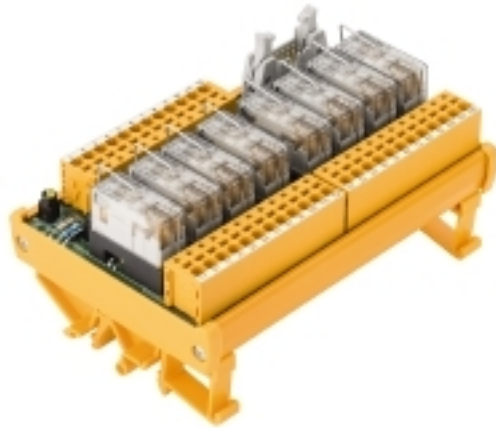
**Weidmüller Interface GmbH & Co. KG**

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Germany

[www.weidmueller.com](http://www.weidmueller.com)



Similar to illustration

Relay bases (RSM) with common positive and negative to be connected to PLC or other type of controllers. The interfaces are made up of groups of 4, 8 or 16 RCL relays (12.7 mm) or RSS (6.1 mm). The connection to the controller can be set up using pluggable connectors or using direct cabling with IEC 60603-13 connectors. Wide range of options:

- 1 or 2 CO contacts with 16/8/6 A relays
- Voltages from 5 to 230 V
- Screw, tension clamp or PUSH IN connection
- Compatible with Weidmüller's solid-state relays

The range of relays provides galvanic isolation between input/output as well as between the adjacent contacts on the relays. This enables the various voltages in the controllers and those required by the various field elements to be safely adapted.

### General ordering data

Version	Interface, RSM, PUSH IN
Order No.	<a href="#">1448010000</a>
Type	RSM-8 230VAC 1CO Z
GTIN (EAN)	4050118252637
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Depth	66 mm	Depth (inches)	2.598 inch
Height	87 mm	Height (inches)	3.425 inch
Width	130 mm	Width (inches)	5.118 inch
Net weight	248 g		

**Temperatures**

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
Operating temperature, min.	-25 °C	Operating temperature, max.	50 °C

**General data**

LED status display per relay	green	LED status of the supply voltage	No
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**Connection data**

Connection (field side)	LMFS 5.08 mm	Connection on control side	LMFS 5.08 mm
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**Rating data**

Mechanical service life	10 x 10 <sup>6</sup> switching cycles
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**Ratings data input**

Input voltage	230 V AC ± 10%	Input current	3.3 mA
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**Ratings data output**

Relay type	RCL	Type of output	Potential-free contact
Contact material	AgNi 90/10	Rated voltage	≤ 250 V AC
Max. AC continuous current	6 A	Minimum contact current	0.1 A
Minimum contact voltage	5 V		

**Insulation coordination (EN50178)**

Pollution severity level	2	Pulse voltage test (1,2/50µs)	6 kV
Insulation test voltage	1.2 kVAC		

**Insulation coordinates (EN50178)**

Rated input insulation voltage	< 50 V AC	Rated output insulation voltage	250 V AC
Overtoltage category input/output	III	Overtoltage 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

**Connection field**

Clamping range, max.	2.5 mm <sup>2</sup>	Clamping range, min.	0.12 mm <sup>2</sup>
Flexible with sleeve, max.	2.5 mm <sup>2</sup>	Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.02 mm <sup>2</sup>	Max. wire cross-section, AWG	AWG 12
Min. wire cross-section, AWG	AWG 26	Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.12 mm <sup>2</sup>	Stripping length	10 mm
Type of connection	PUSH IN		

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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**Technical data****Classifications**

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	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	ECLASS 12.0	27-14-11-52

**Environmental Product Compliance**

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

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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Drawings

