

RSMS-8 24VDC 1NO+C Z**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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
Order No.	1456910000
Type	RSMS-8 24VDC 1NO+C Z
GTIN (EAN)	4050118263145
Qty.	1 pc(s).
Delivery status	Discontinued

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Technical data

Dimensions and weights

Depth	76 mm	Depth (inches)	2.992 inch
Height	109 mm	Height (inches)	4.291 inch
Width	61 mm	Width (inches)	2.402 inch
Net weight	153 g		

Temperatures

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

LED status display per relay	green	LED status of the supply voltage	yellow
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Connection data

Connection (field side)	LM3RZF 5.08	Connection on control side	LMZF
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Rating data

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

Input voltage	24 V DC ± 10%		
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Ratings data output

Relay type	RSS	Type of output	Potential-free contact
Contact material	AgNi 90/10	Rated voltage	≤ 250 V AC
Max. AC continuous current	4.5 A	Minimum contact current	100 mA
Minimum contact voltage	5 V		

Insulation coordination (EN50178)

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

Insulation coordinates (EN50178)

Rated input insulation voltage	< 50 V AC	Rated output insulation voltage	250 V AC
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

Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	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
ECLASS 13.0	27-14-11-52	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

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www.weidmueller.com**Technical data****Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	71d9bdc4-a0b5-4af0-93bd-2ad4e523fb14

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

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Approval/Certificate/Document of Conformity	Declaration of Conformity
Catalogues	Catalogues in PDF-format