

RSMS-16 24VDC 1NO+C S

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.	1457250000
Type	RSMS-16 24VDC 1NO+C S
GTIN (EAN)	4050118263725
Qty.	1 items
Delivery status	Discontinued

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Technical data
Approvals

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 ROHS Conform
Dimensions and weights

Depth	85 mm	Depth (inches)	3.3464 inch
Height	109 mm	Height (inches)	4.2913 inch
Width	112 mm	Width (inches)	4.4094 inch
Net weight	257 g		

Temperatures

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

General data

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

 Connection (field side) LP3R 5.08mm Connection on control side LP 5.08 mm
Rating data

 Mechanical service life 5 x 10⁶ switching cycles
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	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

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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		