

RSM 16RS 24VDC LP GEM.+**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

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	RSM-Series, Relay module, Number of contacts: 16, CO contact AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 6 A, Screw connection, Test button available: No
Order No.	1113861001
Type	RSM 16RS 24VDC LP GEM.+
GTIN (EAN)	4032248047581
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Depth	76 mm	Depth (inches)	2.992 inch
Height	87 mm	Height (inches)	3.425 inch
Width	285 mm	Width (inches)	11.22 inch
Net weight	650 g		

Temperatures

Storage temperature	-40 °C...60 °C	Operating temperature	-25 °C...50 °C
Humidity	40 °C / 93 % rel. humidity, no condensation		

Rated data UL

Operating temperature UL, max.	50 °C	Operating temperature UL, min.	0 °C
Rated voltage DC U_N (input)	24 V	Rated voltage AC U_N (output)	250 V
Rated current I_{max} (output)	5.5 A		

Rating data

Mechanical service life	30 x 10 ⁶ switching cycles	Switch-on delay	< 8 ms
Switch-off delay	< 7 ms		

Ratings data input

Power rating	0.75 W
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Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 9.0	27-37-16-01
ECLASS 9.1	27-37-16-01	ECLASS 10.0	27-37-16-01
ECLASS 11.0	27-37-16-01	ECLASS 12.0	27-37-16-01
ECLASS 13.0	27-37-16-01	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1 4,4'-isopropylidenediphenol 80-05-7
SCIP	66e752f3-a24f-4fef-89c4-f29f52d01390

Approvals

Approvals



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

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Technical data

Downloads

Approval/Certificate/Document of Conformity

[Declaration of Conformity](#)

Product Change Notification

[20210819 Technical change to RS SERIES - Relay modules](#)

Catalogues

[Catalogues in PDF-format](#)