

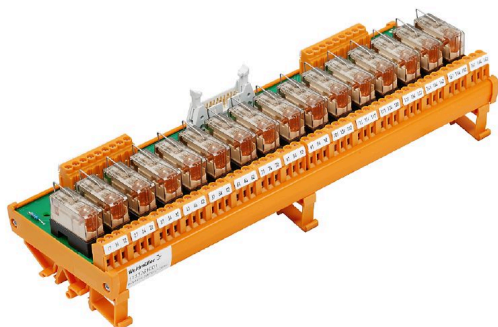
RSM 16RS 24VDC GEM.-**Weidmüller Interface GmbH & Co. KG**

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. | 1113761001 |
| Type | RSM 16RS 24VDC GEM.- |
| GTIN (EAN) | 4032248047574 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS

Conform

Dimensions and weights

| | | | |
|------------|----------|-----------------|--------------|
| Depth | 76 mm | Depth (inches) | 2.9921 inch |
| Height | 87 mm | Height (inches) | 3.4252 inch |
| Width | 285 mm | Width (inches) | 11.2204 inch |
| Net weight | 580.43 g | | |

Temperatures

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

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 |

Rated data UL

| | | | |
|---|-------|--------------------------------|-------|
| Operating temperature UL, min. | 0 °C | Operating temperature UL, max. | 50 °C |
| Rated voltage DC UN (input) | 24 V | Rated voltage AC UN (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 |
|--------------|--------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001437 | ETIM 9.0 | EC001437 |
| ETIM 10.0 | EC001437 | ECLASS 14.0 | 27-37-16-01 |
| ECLASS 15.0 | 27-37-16-01 | | |