

## RSM 8R 24VDC LP GEM.-

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 8, CO contact AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 6 A, Screw connection, Test button available: No |
| Order No.  | <a href="#">1107761001</a>   |
| Type       | RSM 8R 24VDC LP GEM.-  |
| GTIN (EAN) | 4032248047727  |
| 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      | 145 mm | Width (inches)  | 5.709 inch |
| Net weight | 317 g  |                 |            |

## Temperatures

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

## Environmental Product Compliance

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

## Rating data

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

## Ratings data input

|              |        |
|--------------|--------|
| Power rating | 0.45 W |
|--------------|--------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001437    | ETIM 7.0    | EC001437    |
| ETIM 8.0    | 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 |

## Approvals

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a>                              |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>   |
| Product Change Notification                 | <a href="#">20210819 Technical change to RS SERIES - Relay modules</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                               |