

## RSM-Series RSM 8RS 24VUC LP

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Clip-on RS 30. 31. 32 relay bases are available in widths from 11.2 to 25 mm, depending on the type. The RSM relay multiplexers are available as 4, 8 and 16-way modules. To reduce the wiring work, the DC variants are fitted with a common plus or minus potential. The optional IEC603-1 plug-in connector enables the connection of pre-assembled lines. The screw connection system is used to connect the conductor with a rated cross-section of 2.5 mm<sup>2</sup>.

### General ordering data

Type	RSM 8RS 24VUC LP
Order No.	<a href="#">1173561001</a>
Version	RSM-Series, Relay module, No. of contacts: 8 CO contact AgNi 90/10, Rated control voltage: 24 V AC / DC, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248047819
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Width	145 mm	Width (inches)	5.709 inch
Height	87 mm	Height (inches)	3.425 inch
Depth	76 mm	Depth (inches)	2.992 inch
Net weight	346 g		

**Temperatures**

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

**Input**

Rated control voltage	24 V UC	Power rating	0.45 W // 0.7 VA
Pull-in/drop-out current, typ.	16.5 mA AC 1.2 mA DC	Status indicator	LED yellow

**Output**

Max. switching voltage, AC	250 V	Continuous current	6 A
Inrush current	8 A	AC switching capacity (resistive), max.	2000 VA
Switch-on delay	≤ 10msdc/10msac	Switch-off delay	≤ 15msdc/20msac
Duration of Bounce	≤ 3 ms	Min. switching power	250 mW
Max. switching frequency at rated load	0.1 Hz		

**Contact data**

Contact type	8 CO contact (AgNi 90/10)	Electrical service life of AC coil	> 7x10 <sup>3</sup> Switching cycles
Electrical service life, DC coil	> 5x10 <sup>5</sup> switching cycles	Mechanical service life	30 x 10 <sup>6</sup> switching cycles

**General data**

Version	8-channel	Mounting rail	TS 32, TS 35
Test button	No	Mechanical switch position indicator	No

**Insulation coordination**

Rated voltage	250 V	Surge voltage category	III
Pollution severity	2	Protection degree	IP20
Creepage and clearance distance input - output	> 3 mm	Impulse withstand voltage	4 kV

**Further details of approvals / standards**

Standards	DIN EN 50178
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**Technical data**

**Connection data**

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Clamping range, rated connection	2.5 mm <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>	Wire cross-section, solid, min.	0.5 mm <sup>2</sup>
Wire cross-section, solid, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>		

**Classifications**

ETIM 3.0	EC001437	ETIM 4.0	EC001437
ETIM 5.0	EC001437	ETIM 6.0	EC001437
UNSPSC	30-21-19-17	eClass 5.1	27-37-16-01
eClass 6.2	27-37-16-01	eClass 7.1	27-37-16-01
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

**Approvals**

Approvals



ROHS Conform

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