



#### General ordering data

Material number	1113561001
Part designation	RSM 8RS 24VDC LP GEM.-
Version	RSM-Series, Relays, 1, CO contact, Rated control voltage: 24 V DC Screw connection
EAN	4032248047611
Qty.	1 pc(s).

#### Dimensions

Length	87 mm
Width	145 mm
Height	76 mm

#### temperature

Ambient temperature (operational)	-25...+50 °C
Storage temperature	-40 °C...+60 °C
Ambient temperature (operational)	-25 °C...+50 °C

#### Input

Rated voltage	250 V
Rated control voltage	24 V DC
Rated current DC	6 A
Pull-in / drop-out current, AC coil	23 mA / 2 mA
Power rating	0.75 W
Status indicator	LED yellow

#### Output

Continuous current	6 A
Duration of Bounce	≤ 3 ms
Max. switching current	8 A
Max. switching frequency at rated load	0.1 Hz
Min. switching current	10 mA
Switch-off delay	< 7 ms
Switch-on delay	< 8 ms
Switching voltage AC, max.	250 V

**Output**

Switching voltage DC, max.	250 V
making current	8 A
max. switching capacity	2000 VA
min. switching capacity	250 mW

**Contact data**

No. of contacts	1
Contact material	AgNi 90/10
Mechanical service life	30*10 <sup>6</sup> switching cycles
Electrical service life, DC coil	> 5x10 <sup>5</sup> switching cycles
Electrical service life of AC coil	> 7x10 <sup>3</sup> switching cycles

**Rated data**

Conductor connection system	Screw connection
DIN Rail compatibility	TS 32 TS 35
Humidity	40°C / 93% rel. humidity, no condensation
Solid, max.	2.5 mm <sup>2</sup>

**Insulation coordination (EN 50 178)**

Clearance and creepage distances for control/load side	> 3 mm
Impulse withstand voltage	4 kV
Overvoltage category	III
Pollution severity	2
Rated voltage	250 V

**Other technical data**

Free-wheel diode	Yes
Reverse polarity protection	Available
Status indicator	LED yellow
Version	Relay coupler

**Approvals**

Approvals institutes	GOSTME25; CE
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**Classifications**

ETIM20	EC001437
ETIM30	EC001437
eClass 4.1	40-02-06-14
eClass 5.0	27-37-16-01
eClass 5.1	27-37-16-01
eClass 6.0	27-37-16-01

**Similar products**

Order No.	Part designation	Version
1113461001	RSM 4RS 24VDC LP GEM.+	RSM-Series, Relays, 1, CO contact, Rated control voltage: 24 V DCScrew connection

1113361001	RSM 4RS 24VDC LP GEM.-	RSM-Series, Relays, 1, CO contact, Rated control voltage: 24 V DCScrew connection
1113661001	RSM 8RS 24VDC GEM.+	RSM-Series, Relays, 1, CO contact, Rated control voltage: 24 V DCScrew connection
1113861001	RSM 16RS 24VDC LP GEM.+	RSM-Series, Relays, 1, CO contact, Rated control voltage: 24 V DCScrew connection
1113761001	RSM 16RS 24VDC GEM.-	RSM-Series, Relays, 1, CO contact, Rated control voltage: 24 V DCScrew connection
1173461001	RSM 4RS 24VUC LP	RSM-Series, Relays, 1, CO contact, Rated control voltage: 24 V AC / DCscrew connection
1173561001	RSM 8RS 24VUC LP	RSM-Series, Relays, 1, CO contact, Rated control voltage: 24 V AC / DCscrew connection
1173661001	RSM 16RS 24VUC	RSM-Series, Relays, 1, CO contact, Rated control voltage: 24 V AC / DCscrew connection
1114161001	RSM 8RS 48VDC LP GEM.-	RSM-Series, Relays, 1, CO contact, Rated control voltage: 48 V DCScrew connection
1114561001	RSM 4RS 115VUC LP	RSM-Series, Relays, 1, CO contact, Rated control voltage: 115 V AC / DCscrew connection
1114661001	RSM 8RS 115VUC LP	RSM-Series, Relays, 1, CO contact, Rated control voltage: 115 V AC / DCscrew connection
1114761001	RSM 16RS 115VUC LP	RSM-Series, Relays, 1, CO contact, Rated control voltage: 115 V AC / DCscrew connection
1114861001	RSM 4RS 230VAC LP	RSM-Series, Relays, 1, CO contact, Rated control voltage: 230 V ACscrew connection
1114961001	RSM 8RS 230VAC LP	RSM-Series, Relays, 1, CO contact, Rated control voltage: 230 V ACscrew connection
1115061001	RSM 16RS 230VAC LP	RSM-Series, Relays, 1, CO contact, Rated control voltage: 230 V ACscrew connection