



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



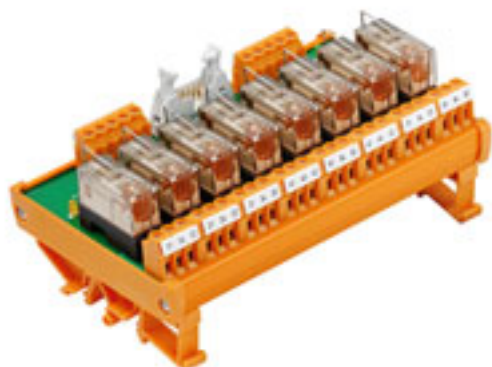
## Contact us

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#### 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	$30 \cdot 10^6$ switching cycles
Electrical service life, DC coil	$> 5 \cdot 10^5$ switching cycles
Electrical service life of AC coil	$> 7 \cdot 10^3$ 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