



General ordering data

Order No.	1114861001
Part designation	RSM 4RS 230VAC LP
Version	Relays, 1 CO contact, 230 V AC , 3 A, Screw connection
EAN	4032248047833
Qty.	1 pc(s).

Input

Rated control voltage	230 V AC
Rated current DC	3A
Pull-in / drop-out current, AC coil	4mA/1mA
Power rating	1.2VA
Status indicator	LED yellow

Output

Bounce times	≤3ms
Continuous current	3 A
Inrush current	8 A
Max. switching current	8 A
Max. switching frequency at rated load	0.1 Hz
Max. switching power	2000 VA
Max. switching voltage AC	250 V
Min. switching current	10 mA
Min. switching power	250 mW
Switch-off delay	≤10ms
Switch-on delay	≤10ms

Contact data

Number of contacts	1
Contact base material	AgNi 90/10
Mechanical service life	>30*10 ⁶ switching cycles
Electrical service life, DC coil	>5*10 ⁵ switching cycles
Electrical service life of AC coil	>7*10 ⁵ switching cycles

Rated data

Climate	40°C/93% rel. humidity, no condensation
Connection system	Screw connection
DIN Rail compatibility	TS 32, TS 35
Flexible, max.	0.5...2.5 mm ²
Solid, max.	0.5...2.5 mm ²
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+60 °C

Insulation coordination (EN 50 178)

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

Dimensions

Length	87 mm
Height	76 mm
Width	75 mm

Approvals

Approvals institutes

**Classifications**

ETIM 2.0	EC001437
ETIM 3.0	EC001437
eClass 4.1	40-02-06-14
eClass 5.0	27-37-16-01
eClass 5.1	27-37-16-01

Similar products

Order No.	Part designation	Version
1115061001	RSM 16RS 230VAC LP	Relays, 1 CO contact, 230 V AC , 3 A, Screw connection
1113761001	RSM 16RS 24VDC GEM.-	Relays, 1 CO contact, 24 V DC , 6 A, Screw connection
1113861001	RSM 16RS 24VDC LP GEM.+	Relays, 1 CO contact, 24 V DC , 6 A, Screw connection
1173661001	RSM 16RS 24VUC	Relays, 1 CO contact, 24 V AC/DC , 6 A, Screw connection
1114761001	RSM 16RS 115VUC LP	Relays, 1 CO contact, 115 V AC/DC , 6 A, Screw connection
1113461001	RSM 4RS 24VDC LP GEM.+	Relays, 1 CO contact, 24 V DC , 6 A, Screw connection
1113361001	RSM 4RS 24VDC LP GEM.-	Relays, 1 CO contact, 24 V DC , 6 A, Screw connection
1173461001	RSM 4RS 24VUC LP	Relays, 1 CO contact, 24 V AC/DC , 6 A, Screw connection
1114561001	RSM 4RS 115VUC LP	Relays, 1 CO contact, 115 V AC/DC , 6 A, Screw connection
1114961001	RSM 8RS 230VAC LP	Relays, 1 CO contact, 230 V AC , 3 A, Screw connection
1113661001	RSM 8RS 24VDC GEM.+	Relays, 1 CO contact, 24 V DC , 6 A, Screw connection

1113561001	RSM 8RS 24VDC LP GEM.-	Relays, 1 CO contact, 24 V DC , 6 A, Screw connection
8003671001	RSM 8RS 24VDC LP RS90	Relays, 1 CO contact, 24 V DC , 6 A, Screw connection
1173561001	RSM 8RS 24VUC LP	Relays, 1 CO contact, 24 V AC/DC , 6 A, Screw connection
1114161001	RSM 8RS 48VDC LP GEM.-	Relays, 1 CO contact, 48 V DC , 6 A, Screw connection
1114661001	RSM 8RS 115VUC LP	Relays, 1 CO contact, 115 V AC/DC , 6 A, Screw connection