



#### General ordering data

Order No.	8689890000
Part designation	RCM270L48
Version	Relay, 2 CO contact, 48 V DC , 12 A, Plug-in connection
EAN	4032248360567
Qty.	10 pc(s).

#### Input

Rated control voltage	48 V DC
Pull-in (sparkover) / drop-out voltage DC coil	36.0 V / 4.8 V
Rated current DC	15.6 mA
Power rating	750 mW
Status indicator	LED

#### Output

Continuous current	12 A
Max. switching power	3000 VA
Max. switching voltage AC	250 V
Sparkover time / Drop-out time	15ms / 10ms

#### Contact data

Number of contacts	2
Contact base material	AgNi 90/10
Mechanical service life	30*10 <sup>6</sup> switching cycles

#### Rated data

Connection system	Plug-in connection
DIN Rail compatibility	TS 35
UL 94 flammability class	V-0
Ambient temperature (operational)	-40 °C...+70 °C

#### Insulation coordination (EN 50 178)

Clearance and creepage distances for control side ≤ 4mm  
- load side

**Insulation coordination (EN 50 178)**

Overvoltage category	III
Pollution severity	3
Protection class	IP 20

**Dimensions**

Length	28 mm
Height	29 mm
Width	22.5 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
8689840000	RCM270012	Relay, 2 CO contact, 12 V DC , 12 A, Plug-in connection
8689860000	RCM270024	Relay, 2 CO contact, 24 V DC , 12 A, Plug-in connection
8689880000	RCM270048	Relay, 2 CO contact, 48 V DC , 12 A, Plug-in connection
8689900000	RCM270110	Relay, 2 CO contact, 110 V DC , 12 A, Plug-in connection
8689740000	RCM270512	Relay, 2 CO contact, 12 V AC , 12 A, Plug-in connection
8689760000	RCM270524	Relay, 2 CO contact, 24 V AC , 12 A, Plug-in connection
8689780000	RCM270548	Relay, 2 CO contact, 48 V AC , 12 A, Plug-in connection
8689800000	RCM270615	Relay, 2 CO contact, 115 V AC , 12 A, Plug-in connection
8689820000	RCM270730	Relay, 2 CO contact, 230 V AC , 12 A, Plug-in connection
8689850000	RCM270L12	Relay, 2 CO contact, 12 V DC , 12 A, Plug-in connection
8689870000	RCM270L24	Relay, 2 CO contact, 24 V DC , 12 A, Plug-in connection
8689910000	RCM270M10	Relay, 2 CO contact, 110 V DC , 12 A, Plug-in connection
8689750000	RCM270R12	Relay, 2 CO contact, 12 V AC , 12 A, Plug-in connection
8689770000	RCM270R24	Relay, 2 CO contact, 24 V AC , 12 A, Plug-in connection
8689790000	RCM270R48	Relay, 2 CO contact, 48 V AC , 12 A, Plug-in connection
8689810000	RCM270S15	Relay, 2 CO contact, 115 V AC , 12 A, Plug-in connection
8689830000	RCM270T30	Relay, 2 CO contact, 230 V AC , 12 A, Plug-in connection
8694220000	RCM271024	Relay, 2 CO contact, 24 V DC , 12 A, Plug-in connection
8694240000	RCM271615	Relay, 2 CO contact, 115 V AC , 12 A, Plug-in connection