



General ordering data

Order No.	8536681001
Part designation	PRZ 24Vac LD 2CO
Version	Relays, 2 CO contact, 24 V AC $\pm 10\%$, 2 x 8 A, Tension clamp connection
EAN	4032248216086
Qty.	10 pc(s).

Input

Rated control voltage	24 V AC $\pm 10\%$
Pull-in (sparkover) / drop-out voltage AC coil	17 V/3.6 V
Rated current AC	32 mA
Power rating	0.75 VA
Status indicator	Green LED

Output

Continuous current	2 x 8 A
Inrush current	2 x 8 A
Max. switching current	16 A
Max. switching frequency at rated load	0.1 Hz
Max. switching power	2x2 kVA
Max. switching voltage AC	250 V
Min. switching power	10 V / 100 mA
Sparkover time / Drop-out time	9ms/45ms
Switch-off delay	<45ms
Switch-on delay	8ms

Contact data

Number of contacts	2
Contact base material	AgNi 90/10
Mechanical service life	$5 \cdot 10^6$ switching cycles

Rated data

Climate	40°C/93% rel. humidity, no condensation
Connection system	Tension clamp connection

Rated data

DIN Rail compatibility	TS 35
Flexible, max.	0.5...2.5 mm ²
Solid, max.	0.5...2.5 mm ²
Type of relay	SIEMENS RT 2
UL 94 flammability class	V-0
Ambient temperature (operational)	-40 °C...+ 50 °C
Storage temperature	-40 °C...+ 50 °C

Insulation coordination (EN 50 178)

Clearance and creepage distances for control side > 8 mm
- load side

Impulse withstand voltage	6 kV
Overvoltage category	III
Pollution severity	2
Protection class	IP 20
Rated voltage	250 V
Secure separation acc. to VDE 0106 part 101	Yes

Dimensions

Clamping range, max.	2.5 mm ²
Clamping range, min.	0.5 mm ²
Clamping range, nom.	2.5 mm ²
Length	92 mm
Height	87 mm
Width	15.3 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
8536501001	PRS 12Vdc LD 2CO	Relays, 2 CO contact, 12 V DC ±20% , 2 x 8 A, Screw connection
8536520000	PRS 115Vdc LD 2CO	Relays, 2 CO contact, 115 V DC ±10% , 2 x 8 A, Screw connection
8530661001	PRS 120Vac LD 2CO	Relays, 2 CO contact, 120 V AC ±10% , 2 x 8 A, Screw connection
8536560000	PRS 24Vac LD 2CO	Relays, 2 CO contact, 24 V AC ±10% , 2 x 8 A, Screw connection
8536591001	PRZ 12Vdc LD 2CO	Relays, 2 CO contact, 12 V DC ±20% , 2 x 8 A, Tension clamp connection
8530631001	PRS 24Vdc LD 2CO	Relays, 2 CO contact, 24 V DC ±10% , 2 x 8 A, Screw connection

8530701001	PRZ 24Vdc LD 2CO	Relays, 2 CO contact, 24 V DC $\pm 10\%$, 2 x 8 A, Tension clamp connection
8536630000	PRZ 115Vdc LD 2CO	Relays, 2 CO contact, 115 V DC $\pm 10\%$, 2 x 8 A, Tension clamp connection
8530720000	PRZ 120Vac LD 2CO	Relays, 2 CO contact, 120 V AC $\pm 10\%$, 2 x 8 A, Tension clamp connection
8530681001	PRS 230Vac LD 2CO	Relays, 2 CO contact, 230 V AC $\pm 10\%$, 2 x 8 A, Screw connection
8530741001	PRZ 230Vac LD 2CO	Relays, 2 CO contact, 230 V AC $\pm 10\%$, 2 x 8 A, Tension clamp connection