

TERMSERIES
RSS113048 48Vdc-Rel1U

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TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

General ordering data

Order No.	4061620000
Type	RSS113048 48Vdc-Rel1U
Version	TERMSERIES, Relais, No. of contacts: 1, CO contact, AgNi, Rated control voltage: 48 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248252268
Qty.	20 pc(s).

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Technical data
Ratings

Conductor connection system	Plug-in connection	Humidity	5...85 % rel. humidity, no condensation
UL 94 flammability rating	V-0		

Dimensions and weights

Width	5 mm	Height	28 mm
Depth	15 mm	Net weight	4.5 g

Temperatures

Operating temperature	-40 °C...+85 °C	Storage temperature	-40 °C...+85 °C
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Input

Rated control voltage	48 V DC	Rated current DC	4.6 mA
Coil resistance	10,000 $\Omega \pm 12\%$	Power rating	220 mW
Pull-in (sparkover) / drop-out voltage DC coil	33.6 V / 4.8 V		

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	Continuous current	6 A
making current	6 A	Max. switching power	1500 VA
Switch-on delay	< 8 ms	Switch-off delay	< 4 ms
Duration of Bounce	NO: 1 ms // NC: 5 ms	Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA
Max. switching frequency at rated load	0.1 Hz		

Contact specifications

No. of contacts	1	Contact design	CO contact
Contact material	AgNi	Mechanical service life	5 x 10 ⁶ switching cycles

Insulation coordination

Clearance and creepage distances for control side - load side	≥ 5.5 mm	Dielectric strength for control side - load side	4 kV _{eff} / 1 min.
Impulse withstand voltage	6 kV (1.2/50 μ s)	Protection degree	IP 67

Other technical data

Version	Relay
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Further details of approvals / standards

Standards	IEC 61810-1, UL508
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Classifications

ETIM 3.0	EC001437	eClass 6.0	27-37-16-03
eClass 7.0	27-37-16-03		

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Technical data

Approvals

Approvals

