

**TERMSERIES
RSS113012**

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TERMSERIES accessories include:

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

General ordering data

Type	RSS113012
Order No.	4061610000
Version	TERMSERIES, Relay, No. of contacts: 1 CO contact AgNi, Rated control voltage: 12 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248252244
Qty.	20 pc(s).

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Technical data**Dimensions and weights**

Width	5 mm	Width (inches)	0.197 inch
Height	28 mm	Height (inches)	1.102 inch
Depth	15 mm	Depth (inches)	0.591 inch
Net weight	4.65 g		

Temperatures

Humidity	5...85 % rel. humidity, no condensation	Operating temperature	-40 °C...85 °C
Storage temperature	-40 °C...85 °C		

Input

Rated control voltage	12 V DC	Rated current DC	14 mA
Power rating	170 mW	Pull-in/drop-out voltage, typ.	10.5 V / 0.6 V DC
Coil resistance	847 Ω ± 10 %		

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	Continuous current	6 A
Inrush current	20 A / 20 ms	AC switching capacity (resistive), max.	1500 VA
DC switching capacity (resistive), max.	144 W @ 24 V	Switch-on delay	< 8 ms
Switch-off delay	< 4 ms	Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V
Max. switching frequency at rated load	0.1 Hz		

Contact data

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

General data

UL 94 flammability rating	V-0
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Insulation coordination

Creepage and clearance distance input – output	≥ 5.5 mm	Dielectric strength input – output	4 kV _{eff} / 1 min.
Dielectric strength of open contact	1 kV _{eff} / 1 min	Impulse withstand voltage	6 kV (1.2/50 μs)
Protection degree	IP67		

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (cURus)	E351070
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Connection data

Wire connection method	Plug-in connection
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