

**TERMSERIES**  
**RSS113048 48Vdc-Rel1U**

**Weidmüller Interface GmbH & Co. KG**  
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 Germany  
 Fon: +49 5231 14-0  
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TERMSERIES accessories include:

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

**General ordering data**

Order No.	<a href="#">4061620000</a>
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 Ω ± 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 making current	250 V / 6 A	Continuous current	6 A
Switch-on delay	< 8 ms	Max. switching power	1500 VA
Duration of Bounce	< 8 ms	Switch-off delay	< 4 ms
	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 <sup>6</sup> 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 <sub>eff</sub> / 1 min.
Impulse withstand voltage	6 kV (1.2/50 μs)	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		

**Data sheet...**

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**Technical data**

**Approvals**

Approvals

