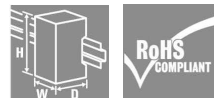


**TERMSERIES**  
**RSS113012 12VDC-REL1U**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



TERMSERIES accessories include:

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

**General ordering data**

Order No.	<a href="#">4061610000</a>
Type	RSS113012 12VDC-REL1U
Version	TERMSERIES, Relais, 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**
**Ratings**

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

**Dimensions and weights**

Width	5 mm	Height	28 mm
Depth	15 mm	Weight	5 g
Net weight	4.65 g		

**Temperatures**

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

Rated control voltage	12 V DC	Rated current DC	14 mA
Coil resistance	847 Ω ± 10 %	Power rating	170 mW
Pull-in (sparkover) / drop-out voltage DC coil	8.4 V / 1.2 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
Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA	Switch-off delay	< 4 ms
		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 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	40-02-06-14
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-03
eClass 7.0	27-37-16-03		

Creation date March 8, 2013 10:50:09 PM CET

**Data sheet...**

**TERMSERIES**  
**RSS113012 12VDC-REL1U**

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**Technical data**

**Approvals**

Approvals

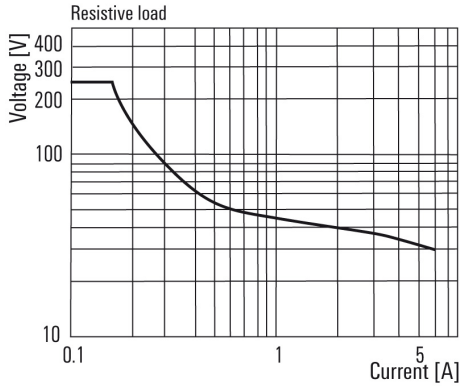


**TERMSERIES  
RSS113012 12VDC-REL1U**

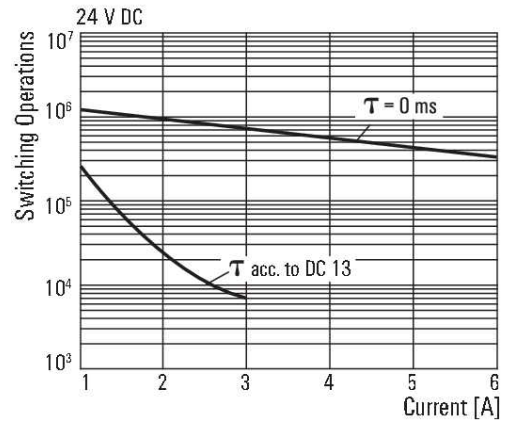
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**Drawings**

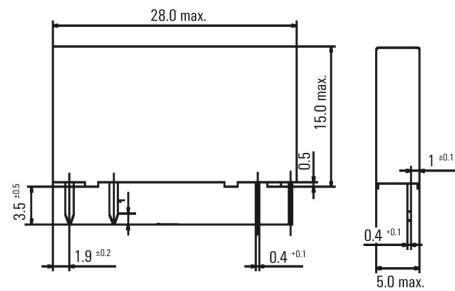
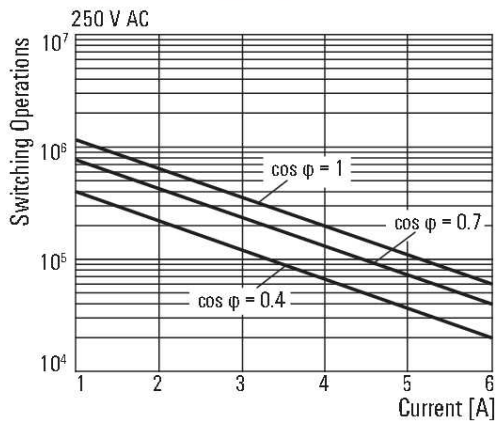
**DC load breaking capacity**



**Electrical endurance**



**Electrical endurance**



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**Mating connector (fully pluggable)**

**Screw connection**



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- Partition plates
- Cross-connections
- Power-feed modules

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.
<a href="#">1123230000</a>	TRS 12VDC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905416	10 pc(s).

**Tension clamp connection**



TERMSERIES accessories include:

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

**General ordering data**

Order No.	Type	Version	GTIN (EAN)	Qty.
<a href="#">1123350000</a>	TRZ 12VDC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905478	10 pc(s).