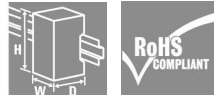


**TERMSERIES**  
**RSS112060 60VDC-REL1U**

**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="#">406160000</a>
Type	RSS112060 60VDC-REL1U
Version	TERMSERIES, Relais, No. of contacts: 1, CO contact, AgNi 5µm Au, Rated control voltage: 60 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248252299
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	4.56 g		

**Temperatures**

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

Rated control voltage	60 V DC	Rated current DC	3 mA
Coil resistance	20570 Ω ±10 %	Power rating	180 mW
Pull-in (sparkover) / drop-out voltage DC coil	42 V / 3V		

**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	1 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 5µm Au	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		

**Data sheet...**

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**Technical data**

**Approvals**

Approvals

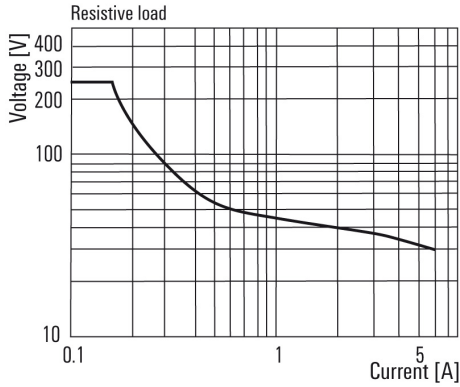


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RSS112060 60VDC-REL1U**

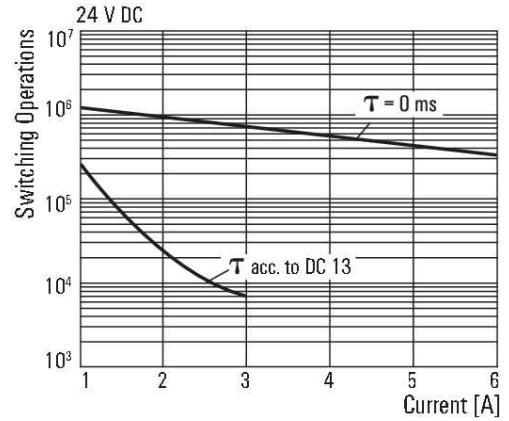
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**Drawings**

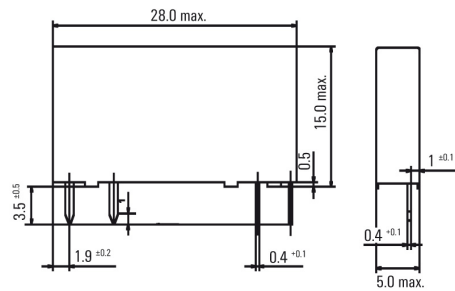
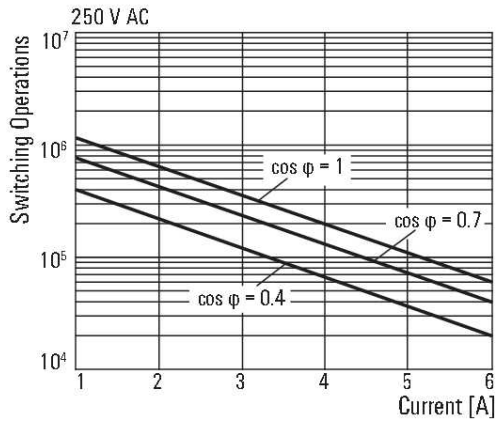
**DC load breaking capacity**



**Electrical endurance**



**Electrical endurance**



## TERMSERIES RSS112060 60VDC-REL1U

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### Mating connector (fully pluggable)

#### Screw 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="#">1123320000</a>	TRS 230VAC RC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905522	10 pc(s).
<a href="#">1123310000</a>	TRS 120VAC RC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905317	10 pc(s).
<a href="#">1123290000</a>	TRS 120VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905461	10 pc(s).
<a href="#">1123300000</a>	TRS 230VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905515	10 pc(s).
<a href="#">1123280000</a>	TRS 60VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905270	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="#">1123430000</a>	TRZ 120VAC RC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905188	10 pc(s).
<a href="#">1123410000</a>	TRZ 120VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905690	10 pc(s).
<a href="#">1123440000</a>	TRZ 230VAC RC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905171	10 pc(s).

Creation date March 8, 2013 10:49:04 PM CET

Catalogue status 20.12.2012 / We reserve the right to make technical changes.

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**Mating connector (fully pluggable)**

[1123420000](#) TRZ 230VUC 1CO EMPTY

TERMSERIES, Relay base, 4032248905683 10 pc(s).  
Continuous current: 10 A,  
Tension clamp connection

[1123400000](#) TRZ 60VUC 1CO EMPTY

TERMSERIES, Relay base, 4032248905546 10 pc(s).  
Continuous current: 10 A,  
Tension clamp connection