

**TERMSERIES**  
**RSS113060**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
 www.weidmueller.com



TERMSERIES accessories include:

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

**General ordering data**

Type	RSS113060
Order No.	<a href="#">4061630000</a>
Version	TERMSERIES, Relay, No. of contacts: 1 CO contact AgNi, Rated control voltage: 60 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248252275
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	6 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	60 V DC	Rated current DC	3 mA
Power rating	180 mW	Pull-in/drop-out voltage, typ.	42 V / 3 V DC
Coil resistance	20570 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**

Contact type	1 CO contact (AgNi)	Mechanical service life	5 x 10 <sup>6</sup> switching cycles
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**General data**

Test button	No	Mechanical switch position indicator	No
UL 94 flammability rating	V-0		

**Insulation coordination**

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

**Further details of approvals / standards**

Standards	IEC 61810-1, UL508	Certificate No. (cURus)	E223474
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**Connection data**

Wire connection method	Plug-in connection
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**Data sheet**

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**Classifications**

ETIM 3.0	EC001437	ETIM 4.0	EC001456
ETIM 5.0	EC001437	ETIM 6.0	EC001437
eClass 6.2	27-37-16-03	eClass 7.1	27-37-16-01
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

**Approvals**

Approvals



ROHS Conform

**Downloads**

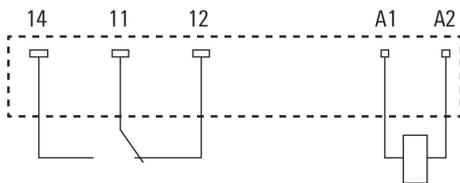
Brochure/Catalogue	<a href="#">CAT 4.2 ELECTR 15/16 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>

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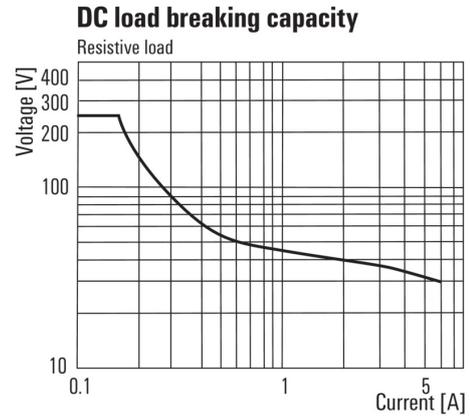
**Drawings**

**Wiring diagram**



View of Pins from below

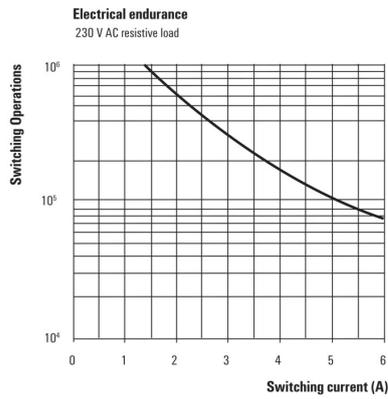
**Graph**



DC load limit curve

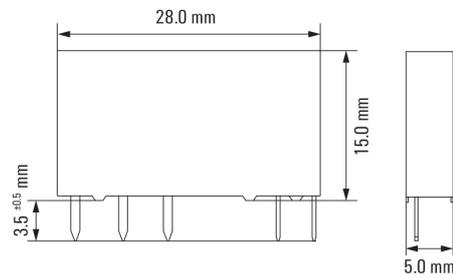
230 V AC resistive load

**Graph**



Electrical service life  
230 V AC resistive load

**Dimensional drawing**



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## Mating connector (fully pluggable)

### Tension clamp connection



TERMSERIES accessories include:

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- Power-feed modules

### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
TRZ 120VAC RC 1CO EMPTY	<a href="#">1123430000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 120 V AC $\pm 10\%$ , Continuous current: 10 A, Tension clamp connection	4032248905188	10 pc(s).
TRZ 230VUC 1CO EMPTY	<a href="#">1123420000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 230 V UC $\pm 10\%$ , Continuous current: 10 A, Tension clamp connection	4032248905683	10 pc(s).
TRZ 120VUC 1CO EMPTY	<a href="#">1123410000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 120 V UC $\pm 10\%$ , Continuous current: 10 A, Tension clamp connection	4032248905690	10 pc(s).
TRZ 230VAC RC 1CO EMPTY	<a href="#">1123440000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 230 V AC $\pm 10\%$ , Continuous current: 10 A, Tension clamp connection	4032248905171	10 pc(s).
TRZ 60VUC 1CO EMPTY	<a href="#">1123400000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 60 V UC $\pm 10\%$ , Continuous current: 10 A, Tension clamp connection	4032248905546	10 pc(s).

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## Mating connector (fully pluggable)

### Screw connection



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- Cross-connections
- Power-feed modules

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Type	Order No.	Version	GTIN (EAN)	Qty.
TRS 230VUC 1CO EMPTY	<a href="#">1123300000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 230 V UC ±10%, Continuous current: 10 A, Screw connection	4032248905515	10 pc(s).
TRS 120VAC RC 1CO EMPTY	<a href="#">1123310000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 120 V AC ±10 %, Continuous current: 10 A, Screw connection	4032248905317	10 pc(s).
TRS 60VUC 1CO EMPTY	<a href="#">1123280000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 60 V UC ±10 %, Continuous current: 10 A, Screw connection	4032248905270	10 pc(s).
TRS 230VAC RC 1CO EMPTY	<a href="#">1123320000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 230 V AC ±10 %, Continuous current: 10 A, Screw connection	4032248905522	10 pc(s).
TRS 120VUC 1CO EMPTY	<a href="#">1123290000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 120 V UC ±10 %, Continuous current: 10 A, Screw connection	4032248905461	10 pc(s).

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**Mating connector (fully pluggable)****Soldering base for printed circuit board**

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

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
RSS PCB	<a href="#">7760056258</a>	TERMSERIES, No. of contacts: 1 CO contact, Continuous current: 6 A, Solder connection	6944169685842	100 pc(s).

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**Accessories****Tension clamp connection**

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Type	Order No.	Version	GTIN (EAN)	Qty.
TRZ 120VAC RC 1CO EMPTY	<a href="#">1123430000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 120 V AC $\pm 10\%$ , Continuous current: 10 A, Tension clamp connection	4032248905188	10 pc(s).
TRZ 230VUC 1CO EMPTY	<a href="#">1123420000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 230 V UC $\pm 10\%$ , Continuous current: 10 A, Tension clamp connection	4032248905683	10 pc(s).
TRZ 120VUC 1CO EMPTY	<a href="#">1123410000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 120 V UC $\pm 10\%$ , Continuous current: 10 A, Tension clamp connection	4032248905690	10 pc(s).
TRZ 230VAC RC 1CO EMPTY	<a href="#">1123440000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 230 V AC $\pm 10\%$ , Continuous current: 10 A, Tension clamp connection	4032248905171	10 pc(s).
TRZ 60VUC 1CO EMPTY	<a href="#">1123400000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 60 V UC $\pm 10\%$ , Continuous current: 10 A, Tension clamp connection	4032248905546	10 pc(s).

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## Accessories

### Screw connection



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TRS 230VAC RC 1CO EMPTY	<a href="#">1123320000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 230 V AC ±10 %, Continuous current: 10 A, Screw connection	4032248905522	10 pc(s).
TRS 120VUC 1CO EMPTY	<a href="#">1123290000</a>	TERMSERIES, Relay base, No. of contacts: 1 CO contact, Rated control voltage: 120 V UC ±10 %, Continuous current: 10 A, Screw connection	4032248905461	10 pc(s).

**Data sheet**

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**Drawings**

**Miscellaneous**

<b>Type code</b>	RSS				
<b>Type</b>	RSS				
<b>Type of construction</b>	1 Vertical, washable				
<b>Type of contact</b>	1 1 Changeover contact				
<b>Contact material</b>	0 AgSnO2 2 AgNi hard gold plated 3 AgNi				
					<b>Coil</b> 005 5 V DC 012 12 V DC 024 24 V DC 048 48 V DC 060 60 V DC

Type codes