

**TERMSERIES**  
**RSS113060**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Product image**


Similar to illustration

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, Number 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, max.	85 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C	Operating temperature	-40 °C...85 °C
Storage temperature	-40 °C...85 °C		

**Rated data UL**

Certificate No. (cURus)	E351070
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**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
Colour	white	UL 94 flammability rating	V-0

**Insulation coordination**

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

**Further details of approvals / standards**

Standards	IEC 61810-1, UL508	Certificate No. (cURus)	E351070
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**Data sheet**

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**Technical data**

**Connection data**

Wire connection method                      Plug-in connection

**Classifications**

ETIM 6.0	EC001437	ETIM 7.0	EC001437
eClass 9.0	27-37-16-01	eClass 9.1	27-37-16-01
eClass 10.0	27-37-16-01		

**Approvals**

Approvals



ROHS    Conform

**Downloads**

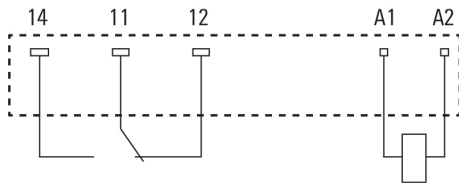
Brochure/Catalogue	<a href="#">CAT 4.2 ELECTR 18/19 EN</a>
Engineering Data	<a href="#">WSCAD</a>
Engineering Data	<a href="#">STEP</a>

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**Drawings**

**Wiring diagram**



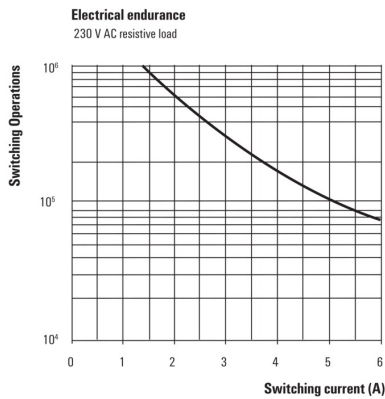
View of Pins from below

**Graph**



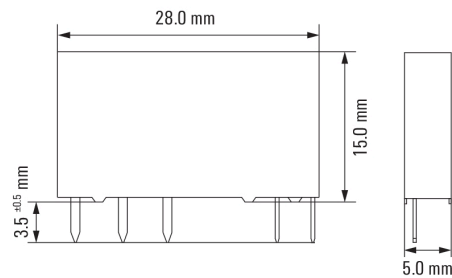
DC load limit curve

**Graph**



Electrical service life  
230 V AC resistive load

**Dimensional drawing**



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### Mating connector (fully pluggable)

#### Screw connection



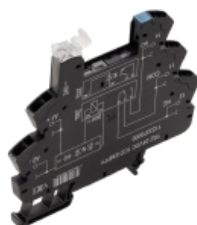
TERMSERIES accessories include:

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

#### General ordering data

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

#### Tension clamp connection



TERMSERIES accessories include:

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- Cross-connections
- Power-feed modules

#### General ordering data

Type	TRZ 120VUC 1CO EMPTY	Version
Order No.	<a href="#">1123410000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated control voltage: 120 V UC $\pm 10\%$ , Continuous current: 10 A, Tension-clamp connection
GTIN (EAN)	4032248905690	
Qty.	10 pc(s).	

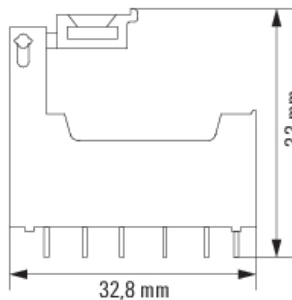
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### Mating connector (fully pluggable)

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

### Soldering base for printed circuit board



TERMSERIES accessories include:

- Spare relay
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### General ordering data

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

### PUSH IN connection



TERMSERIES accessories include:

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- Cross-connections
- Power-feed modules

### General ordering data

Type	TRP 230VUC 1CO EMPTY	Version
Order No.	<a href="#">2618960000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated control voltage: 230 V UC $\pm 10\%$ , Continuous current: 10 A, PUSH IN with actuator
GTIN (EAN)	4050118667578	
Qty.	10 pc(s).	

Creation date December 26, 2019 12:27:44 PM CET

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**Mating connector (fully pluggable)**

Type	TRP 120VUC 1CO EMPTY	Version
Order No.	<a href="#">2618950000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4050118667585	control voltage: 120 V UC $\pm 10\%$ , Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	with actuator
Type	TRP 60VUC 1CO EMPTY	Version
Order No.	<a href="#">2618900000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4050118669930	control voltage: 60 V UC $\pm 10\%$ , Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	with actuator
Type	TRP 120VAC RC 1CO EMPTY	Version
Order No.	<a href="#">2618880000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4050118669954	control voltage: 120 V AC $\pm 10\%$ , Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	with actuator
Type	TRP 230VAC RC 1CO EMPTY	Version
Order No.	<a href="#">2618890000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4050118669947	control voltage: 230 V AC $\pm 10\%$ , Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	with actuator

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## Accessories

### Screw connection



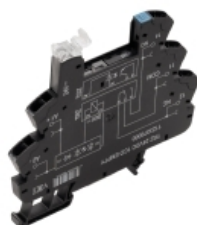
TERMSERIES accessories include:

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- Cross-connections
- Power-feed modules

### General ordering data

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

### Tension clamp connection



TERMSERIES accessories include:

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

### General ordering data

Type	TRZ 120VUC 1CO EMPTY	Version
Order No.	<a href="#">1123410000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated control voltage: 120 V UC ±10 %, Continuous current: 10 A, Tension-clamp connection
GTIN (EAN)	4032248905690	
Qty.	10 pc(s).	



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## Accessories

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

**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