

**TERMSERIES**  
**RSS112005**

**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	RSS112005
Order No.	<a href="#">1174540000</a>
Version	TERMSERIES, Relay, Number of contacts: 1 CO contact AgNi 5µm Au, Rated control voltage: 5 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4050118049718
Qty.	20 pc(s).

Creation date May 2, 2020 10:23:10 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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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	4.8 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)	E223474
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**Input**

Rated control voltage	5 V DC	Rated current DC	33.3 mA
Power rating	170 mW	Pull-in/drop-out voltage, typ.	3.5 V / 0.25 V DC
Coil resistance	147 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
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 @ 1 V	Max. switching frequency at rated load	0.1 Hz

**Contact data**

Contact type	1 CO contact (AgNi 5µm Au)	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)	E223474
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**Connection data**

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

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**Technical data**

**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
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**Downloads**

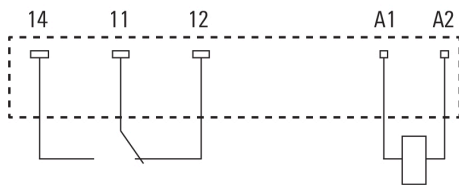
Brochure/Catalogue	<a href="#">CAT 4.2 ELECTR 18/19 EN</a>
Engineering Data	<a href="#">WSCAD</a>
Engineering Data	<a href="#">STEP</a>

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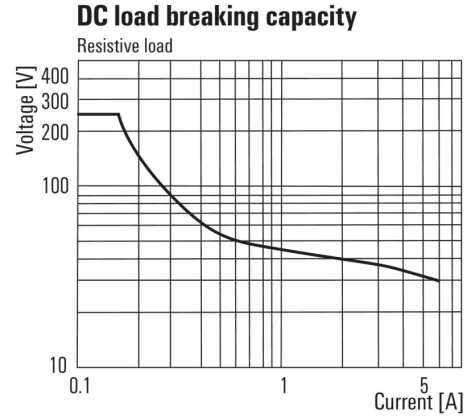
**Drawings**

**Wiring diagram**



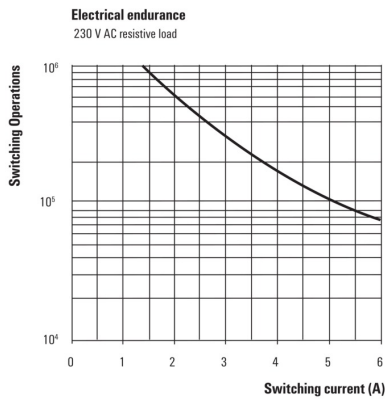
View of Pins from below

**Graph**



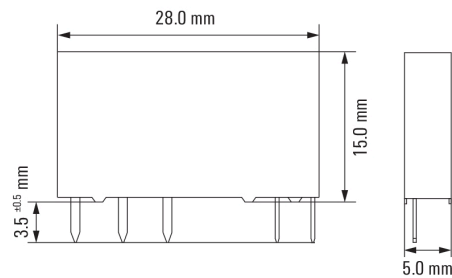
DC load limit curve

**Graph**



Electrical service life  
230 V AC resistive load

**Dimensional drawing**

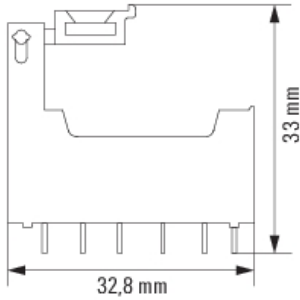


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**Mating connector (fully pluggable)**

**Soldering base for printed circuit board**



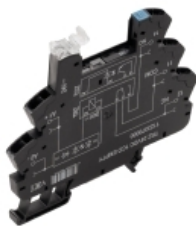
TERMSERIES accessories include:

- Spare relay
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- Cross-connections
- Power-feed modules

**General ordering data**

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

**PUSH IN connection**



TERMSERIES accessories include:

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

**General ordering data**

Type	TRP 5VDC 1CO EMPTY	Version
Order No.	<a href="#">2614870000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4050118671032	control voltage: 5 V DC $\pm$ 20 %, Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	with actuator

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### Mating connector (fully pluggable)

#### Tension clamp connection



TERMSERIES accessories include:

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#### General ordering data

Type	TRZ 5VDC 1CO EMPTY	Version
Order No.	<a href="#">1123340000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4032248905645	control voltage: 5 V DC $\pm$ 20 %, Continuous current: 10 A, Tension-
Qty.	10 pc(s).	clamp connection

#### Screw connection



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#### General ordering data

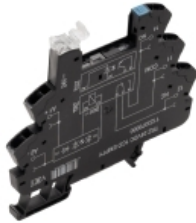
Type	TRS 5VDC 1CO EMPTY	Version
Order No.	<a href="#">1123220000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4032248905379	control voltage: 5 V DC $\pm$ 20 %, Continuous current: 10 A, Screw
Qty.	10 pc(s).	connection

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## Accessories

### PUSH IN connection



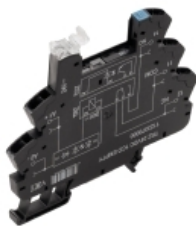
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GTIN (EAN)	4050118671032	control voltage: 5 V DC $\pm$ 20 %, Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	with actuator

### Tension clamp connection



TERMSERIES accessories include:

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### General ordering data

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Order No.	<a href="#">1123340000</a>	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4032248905645	control voltage: 5 V DC $\pm$ 20 %, Continuous current: 10 A, Tension-clamp connection
Qty.	10 pc(s).	

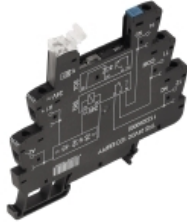
**Data sheet**

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**Accessories**

**Screw connection**



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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