

TERMSERIES
RSS113005

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	RSS113005
Order No.	4061580000
Version	TERMSERIES, Relay, Number of contacts: 1 CO contact AgNi, Rated control voltage: 5 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248252237
Qty.	20 pc(s).

Creation date May 1, 2020 3:18:53 PM 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	4.64 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		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E351070
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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
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 ⁶ 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 _{eff} / 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 _{eff} / 1 min		

Data sheet

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Technical data

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (cURus)	E351070
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Connection data

Wire connection method	Plug-in connection
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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

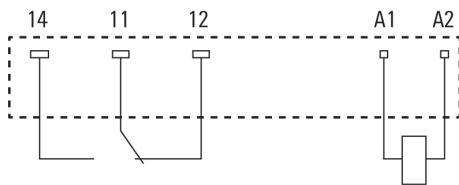
Brochure/Catalogue	CAT 4.2 ELECTR 18/19 EN
Engineering Data	WSCAD
Engineering Data	STEP

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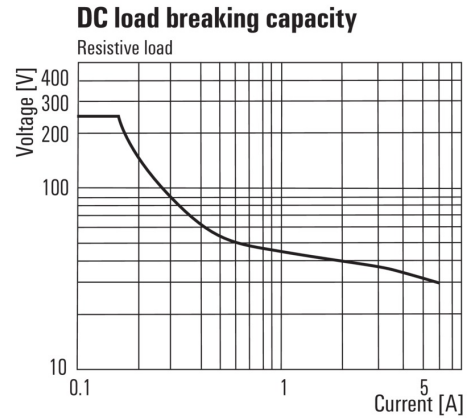
Drawings

Wiring diagram



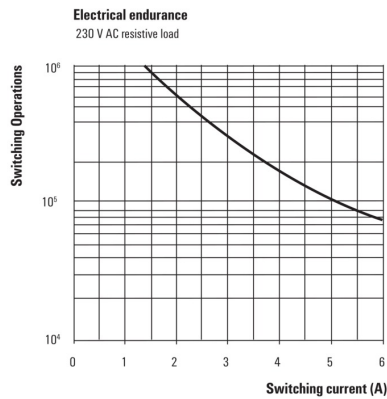
View of Pins from below

Graph



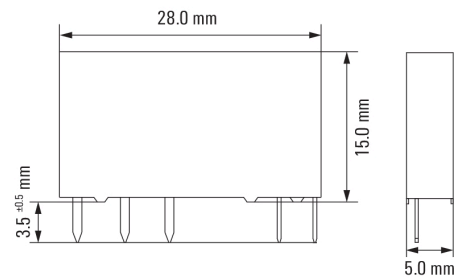
DC load limit curve

Graph



Electrical service life
230 V AC resistive load

Dimensional drawing

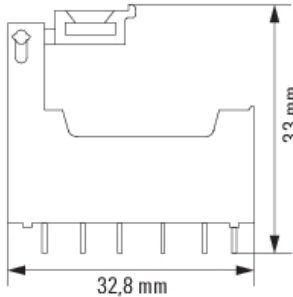


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Mating connector (fully pluggable)

Soldering base for printed circuit board



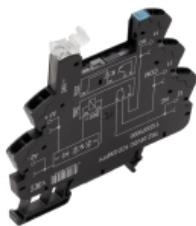
TERMSERIES accessories include:

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General ordering data

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

PUSH IN connection



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General ordering data

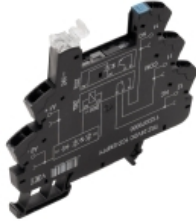
Type	TRP 5VDC 1CO EMPTY	Version
Order No.	2614870000	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4050118671032	control voltage: 5 V DC $\pm 20\%$, Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	with actuator

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Mating connector (fully pluggable)

Tension clamp connection



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General ordering data

Type	TRZ 5VDC 1CO EMPTY	Version
Order No.	1123340000	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

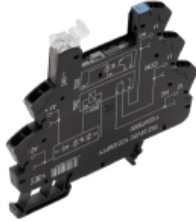
Type	TRS 5VDC 1CO EMPTY	Version
Order No.	1123220000	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4032248905379	control voltage: 5 V DC \pm 20 %, Continuous current: 10 A, Screw
Qty.	10 pc(s).	connection

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Accessories

PUSH IN connection



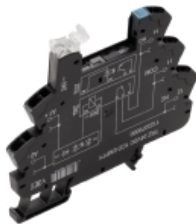
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GTIN (EAN)	4050118671032	control voltage: 5 V DC $\pm 20\%$, Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	with actuator

Tension clamp connection



TERMSERIES accessories include:

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General ordering data

Type	TRZ 5VDC 1CO EMPTY	Version
Order No.	1123340000	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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Drawings

Miscellaneous

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

Type codes