

RSS113005**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Similar to illustration

Individual relays for TERMSERIES

- Electromechanical relays
- Different contact materials

General ordering data

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

Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E351070

Dimensions and weights

Depth	15 mm	Depth (inches)	0.5906 inch
Height	28 mm	Height (inches)	1.1024 inch
Width	5 mm	Width (inches)	0.1968 inch
Net weight	4.64 g		

Temperatures

Storage temperature	-40 °C...85 °C	Ambient temperature	-40 °C...85 °C
Operating temperature		Humidity	5...85 % rel. humidity, no condensation

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Rated data UL

Certificate No. (cURus)	E351070
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Control side

Rated control voltage	5 V DC	Rated current DC	33.3 mA
Power rating	170 mW	Coil resistance	147 Ω ± 10 %
Status indicator	No		

Load side

Rated switching voltage	250 V AC	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Max. switching voltage, DC	250 V
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	Contact type	1 CO contact (AgNi)
Mechanical service life	5 x 10 ⁶ switching cycles	Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V

General data

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

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Insulation coordination

Clearance and creepage distances for control side - load side	≥ 6 mm	Dielectric strength for control side - load side	4 kVeff / 1 Min.
Dielectric strength of open contact	1 kVeff / 1 min	Protection degree	IP67

Further details of approvals / standards

Certificate No. (VDE)	40029391	Certificate No. (cURus)	E351070
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Connection data

Wire connection method	Plug-in connection
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Classifications

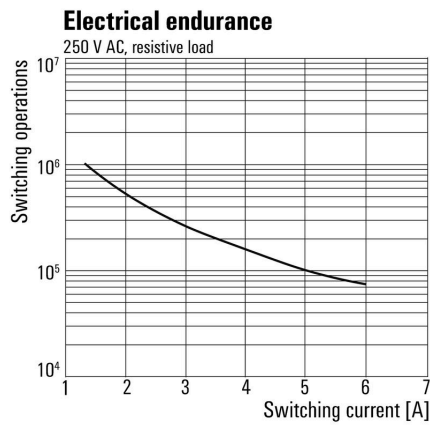
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

Wiring diagram



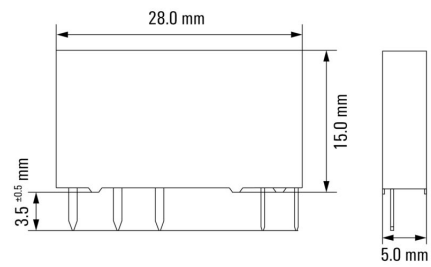
View of Pins from below

Graph



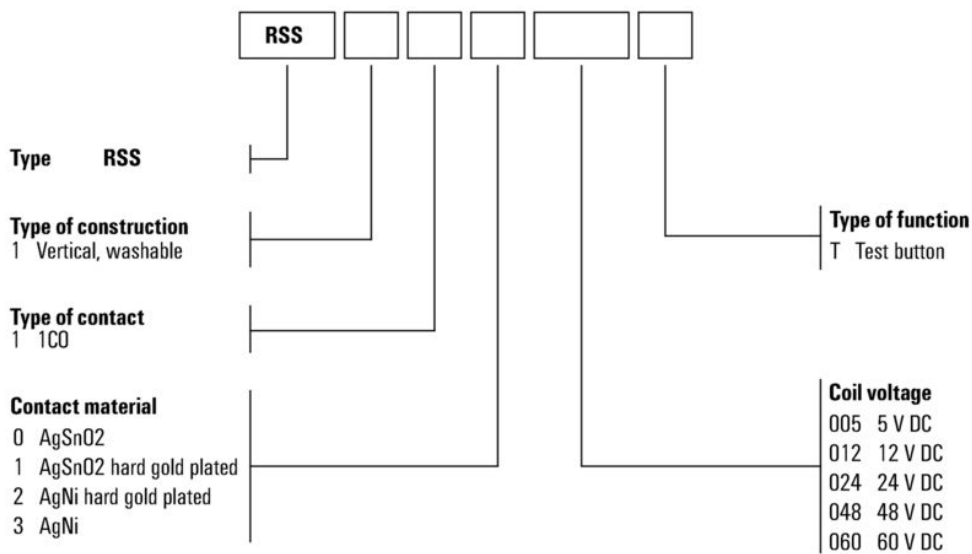
Electrical service life 230 V AC resistive load

Dimensional drawing



Miscellaneous

Type code electromechanical relay (TERMSERIES)



Type codes

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Accessories

Screw connection



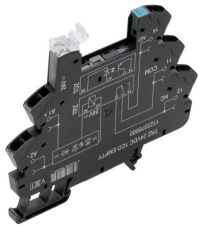
TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages with coloured marking: DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement of insulation

General ordering data

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

Tension clamp connection



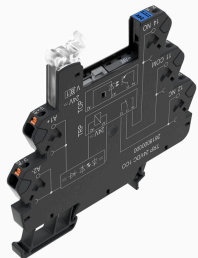
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General ordering data

Type	TRZ 5VDC 1CO EMPTY	Version	
Order No.	1123340000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 5 V DC \pm 20 %, Continuous current: 10 A, Tension-clamp connection	
GTIN (EAN)	4032248905645		
Qty.	10 ST		

PUSH IN connection



TERMSERIES empty sockets with:

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- Unique multi-voltage input from 24 to 230 V UC
- Input voltages with coloured marking: DC: blue, UC: white
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- Partition plates for optical separation and reinforcement of insulation

General ordering data

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

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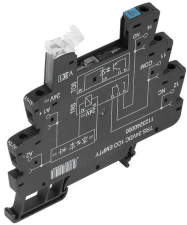
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Counterpart

Screw connection



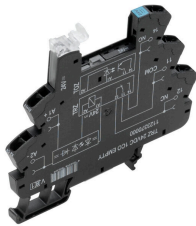
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GTIN (EAN)	4032248905379		
Qty.	10 ST		

Tension clamp connection



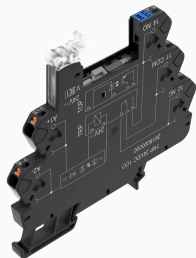
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