

RSS113012

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: 12 V DC, Continuous current: 6 A, Plug-in connection, Test button available: No
Order No.	4061610000
Type	RSS113012
GTIN (EAN)	4032248252244
Qty.	20 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E223474

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	4.65 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)	E223474
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Control side

Rated control voltage	12 V DC	Rated current DC	14 mA
Power rating	170 mW	Coil resistance	847 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)	E223474
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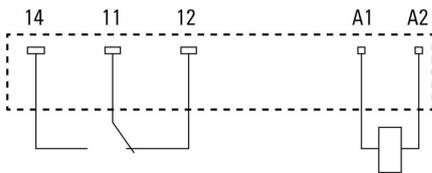
Connection data

Wire connection method	Plug-in connection
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Classifications

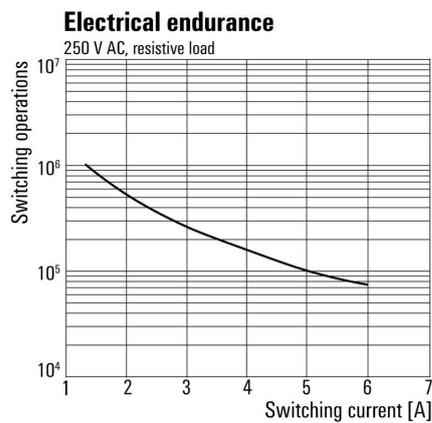
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

Wiring diagram



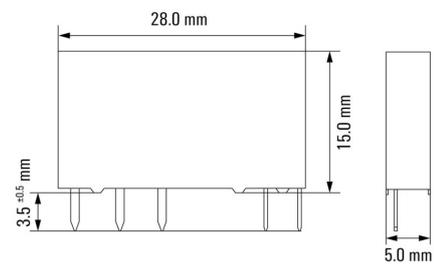
View of Pins from below

Graph



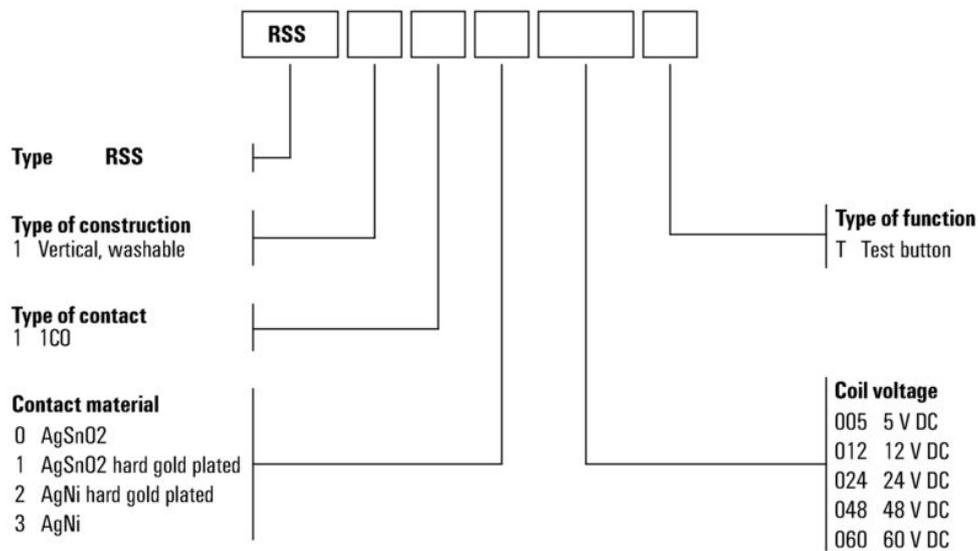
Electrical service life 230 V AC resistive load

Dimensional drawing



Miscellaneous

Type code electromechanical relay (TERMSERIES)



Type codes

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Accessories

Screw connection



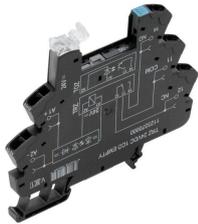
TERMSERIES empty sockets with:

- 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 12VDC 1CO EMPTY	Version	
Order No.	1123230000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 12 V DC \pm 20 %, Continuous current: 10 A, Screw connection	
GTIN (EAN)	4032248905416		
Qty.	10 ST		

Tension clamp connection



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- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
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General ordering data

Type	TRZ 12VDC 1CO EMPTY	Version	
Order No.	1123350000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 12 V DC \pm 20 %, Continuous current: 10 A, Tension-clamp connection	
GTIN (EAN)	4032248905478		
Qty.	10 ST		

PUSH IN 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	TRP 12VDC 1CO EMPTY	Version	
Order No.	2618930000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 12 V DC \pm 20 %, Continuous current: 10 A, PUSH IN	
GTIN (EAN)	4050118669909		
Qty.	10 ST		

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Counterpart

Screw connection



TERMSERIES empty sockets with:

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