

**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.	<a href="#">4061580000</a>
Type	RSS113005
GTIN (EAN)	4032248252237
Qty.	20 items

## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
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 <sup>6</sup> 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

**Technical data**

**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



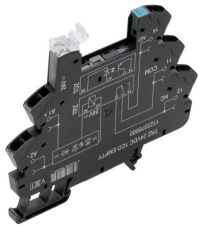
TERMSERIES empty sockets with:

- 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.	<a href="#">1123220000</a>	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



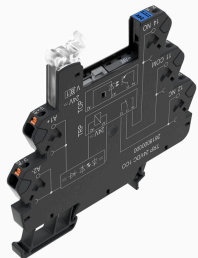
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## General ordering data

Type	TRZ 5VDC 1CO EMPTY	Version	
Order No.	<a href="#">1123340000</a>	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:

- 1 CO contact
- 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.	<a href="#">2614870000</a>	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		

## RSS113005

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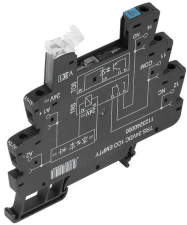
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## Counterpart

## Screw connection



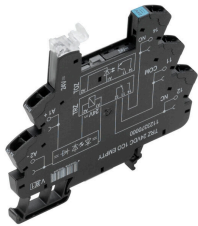
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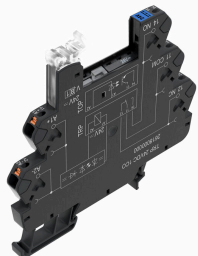
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