

**RSS110024T**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

**Product image**

Similar to illustration

**General ordering data**

Version	TERMSERIES, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection, Test button available: Yes
Order No.	<a href="#">2851610000</a>
Type	RSS110024T
GTIN (EAN)	4064675469964
Qty.	20 pc(s).

Creation date July 10, 2025 11:56:05 PM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	16 mm	Depth (inches)	0.63 inch
Height	28 mm	Height (inches)	1.102 inch
Width	5 mm	Width (inches)	0.197 inch
Net weight	0.325 g		

## Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
Humidity	5-85% relative humidity, Tu = 40°C, without con- densation		

## Rated data UL

Certificate No. (cURus)	E522350
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## Control side

Rated control voltage	24 V DC	Rated current DC	7.1 mA
Power rating	170 mW	Coil resistance	3390 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	30 A / 20 ms	AC switching capacity (resistive), max.	1500 VA
DC switching capacity (resistive), max.	144 W @ 24 V	Switch-on delay	<13 ms
Switch-off delay	approx. 5 ms	Contact type	1 CO contact (AgSnO)
Mechanical service life	10 x 10 <sup>6</sup> switching cycles	Min. switching power	100 mA @ 12 V

## General data

Operating altitude	≤ 2000 m, above sea level	Test button available	Yes
Version of test button	lockable	Mechanical switch position indicator	No
Colour	white		

## Insulation coordination

Clearance and creepage distances for control side - load side	≥ 6 mm	Dielectric strength for control side - load side	4 kV <sub>eff</sub> / 1 Min.
Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min		

## Further details of approvals / standards

Certificate No. (VDE)	40054910	Certificate No. (cURus)	E522350
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## Connection data

Wire connection method	Plug-in connection
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**Technical data****Classifications**

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 9.0	27-37-16-01
ECLASS 9.1	27-37-16-01	ECLASS 10.0	27-37-16-01
ECLASS 11.0	27-37-16-01	ECLASS 12.0	27-37-16-01
ECLASS 13.0	27-37-16-01	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

**Approvals**

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/</a>
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E522350

**Environmental Product Compliance**

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

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

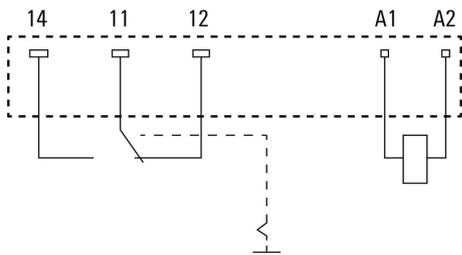
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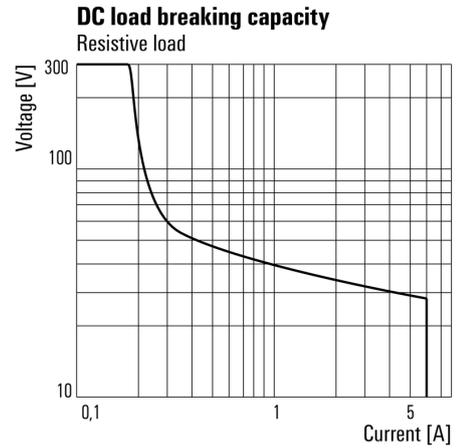
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**Drawings**

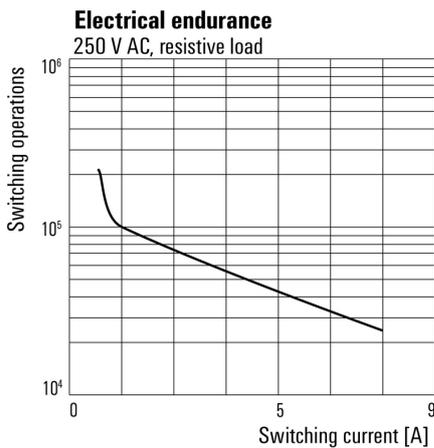
**Wiring diagram**



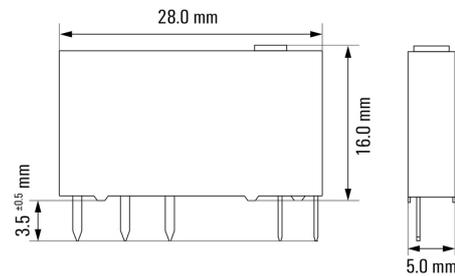
**Graph**



**Graph**

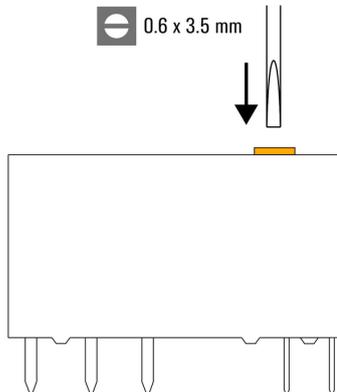


**Dimensional drawing**



**Miscellaneous**

**Recommended screwdriver for test button**



**Miscellaneous**

**Function of test button**

Mode is selected by rotating the orange switch.  
 The test button can be rotated endlessly.  
 The groove on the top shows the selected mode.

View from the top:



**Auto Mode:**  
Relay contact is controlled by the coil.



**Manual ON:**  
Relay is manually switch on without applied coil voltage.  
 - NO contact is closed

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## Accessories

## 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 24VUC 1CO EMPTY	Version
Order No.	<a href="#">2618910000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 24 V UC $\pm 10\%$ , Continuous current: 10 A, PUSH IN
GTIN (EAN)	4050118669923	
Qty.	10 pc(s).	
Type	TRP 24-230VUC 1CO EMPTY ...	Version
Order No.	<a href="#">2663030000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 24...230 V UC $\pm 10\%$ , Continuous current: 10 A, PUSH IN
GTIN (EAN)	4050118698046	
Qty.	10 pc(s).	
Type	TRP 24VDC 1CO EMPTY	Version
Order No.	<a href="#">2618870000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 24 V DC $\pm 20\%$ , Continuous current: 10 A, PUSH IN
GTIN (EAN)	4050118669961	
Qty.	10 pc(s).	

## 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 24VUC 1CO EMPTY	Version
Order No.	<a href="#">1123250000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 24 V UC $\pm 10\%$ , Continuous current: 10 A, Screw connection
GTIN (EAN)	4032248905713	
Qty.	10 pc(s).	
Type	TRS 24-230VUC 1CO EMPTY ...	Version
Order No.	<a href="#">2662870000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 24...230 V UC $\pm 10\%$ , Continuous current: 10 A, Screw connection
GTIN (EAN)	4050118698206	
Qty.	10 pc(s).	
Type	TRS 24VDC 1CO EMPTY	Version
Order No.	<a href="#">1123240000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 24 V DC $\pm 20\%$ , Continuous current: 10 A, Screw connection
GTIN (EAN)	4032248905485	
Qty.	10 pc(s).	

**Type code electromechanical relay (TERMSERIES)**

