

**RSS111024T****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

**General ordering data**

Version	TERMSERIES, Relay, Number of contacts: 1, CO contact AgSnO gold-plated, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection, Test button available: Yes
Order No.	<a href="#">2851620000</a>
Type	RSS111024T
GTIN (EAN)	4064675469995
Qty.	20 pc(s).

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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	6.45 g		

## Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
Humidity	5-95% relative humidity, T <sub>u</sub> = 40°C, without condensation		

## 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 %
Coil tolerance	10 %	Status indicator	No

## Load side

Rated switching voltage	250 V AC	Max. switching frequency at rated load	0.1 Hz
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	Contact type	1 CO contact (AgSnO gold-plated)
Mechanical service life	10 x 10 <sup>6</sup> switching cycles	Min. switching power	1 mA @ 1 V

## General data

Operating altitude	≤ 2000 m, above sea level	Test button available	Yes
Version of test button	lockable	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
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

## Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E522350

## Downloads

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

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Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

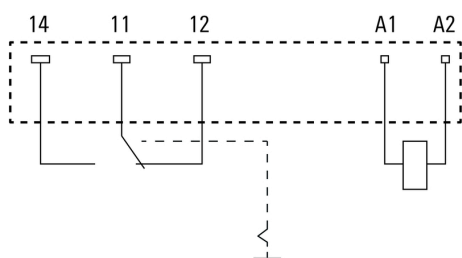
D-32758 Detmold

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## Drawings

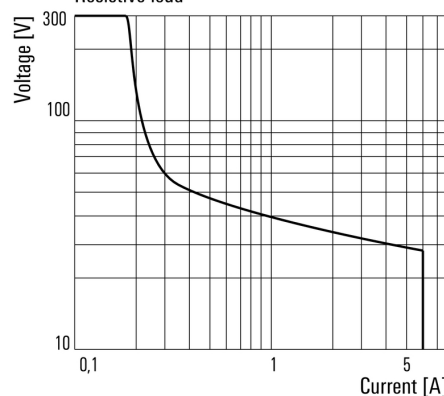
## Wiring diagram



## Graph

## DC load breaking capacity

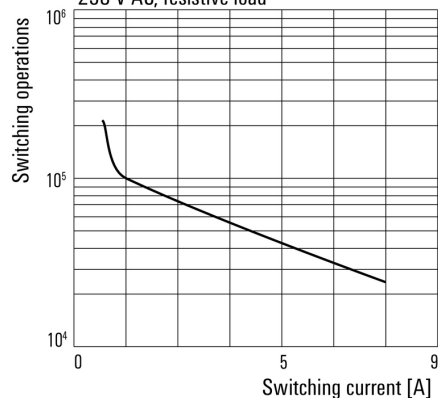
Resistive load



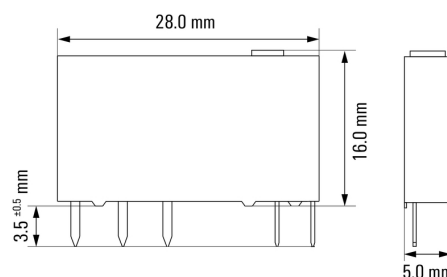
## Graph

## Electrical endurance

250 V AC, resistive load

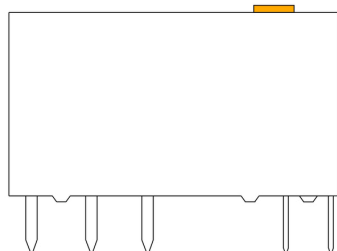


## Dimensional drawing



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

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

**Type code electromechanical relay (TERMSERIES)**