

RSS110024T

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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 $\Omega \pm 10 \%$
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	Switch-off delay	approx. 5 ms
Contact type	1 CO contact (AgSnO)	Mechanical service life	10 x 10 ⁶ 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 _{eff} / 1 Min.
Dielectric strength of open contact	1 kV _{eff} / 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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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

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Approvals

Approvals



UL File Number Search

UL Website

Certificate No. (cURus)

E522350

Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

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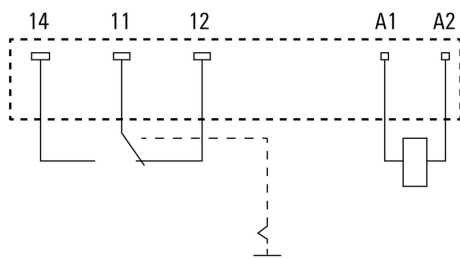
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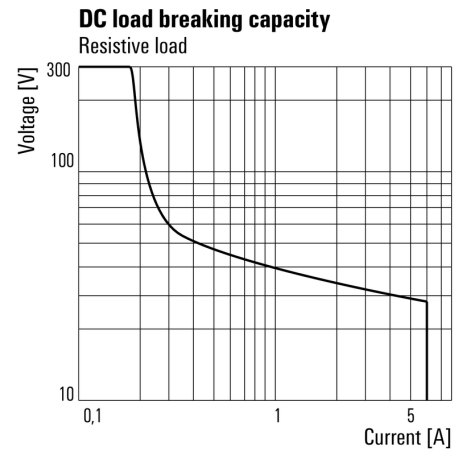
www.weidmueller.com

Drawings

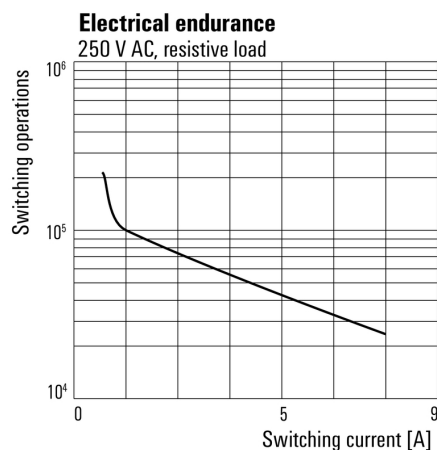
Wiring diagram



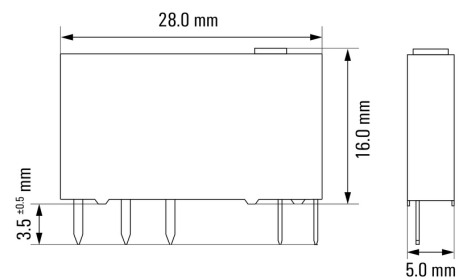
Graph



Graph

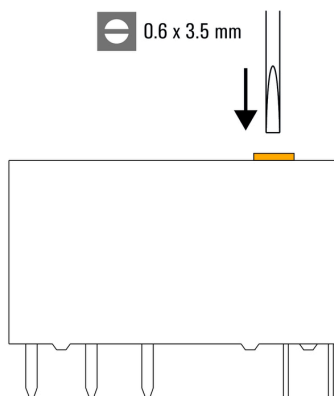


Dimensional drawing



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.	2618910000	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 24VDC 1CO EMPTY	Version
Order No.	2618870000	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 24-230VUC 1CO EMPTY ...	Version
Order No.	2663030000	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 24-230VUC 1CO EMPTY ...	Version
Order No.	2662870000	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.	1123250000	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	TRS 24VDC 1CO EMPTY	Version
Order No.	1123240000	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 code electromechanical relay (TERMSERIES)