

Weidmüller Interface GmbH & Co. KG

D-32758 Detmold

www.weidmueller.com



Individual relays for TERMSERIES

- ### General ordering data

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RSS113024Y

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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Technical data

Dimensions and weights

Depth	15 mm	Depth (inches)	0.591 inch
Height	28 mm	Height (inches)	1.102 inch
Width	5 mm	Width (inches)	0.197 inch
Net weight	0.333 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	20 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 (AgNi)	Mechanical service life	10 x 10 ⁶ switching cycles
Min. switching power	100 mA @ 12 V		

General data

Test button available	No	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

Approvals

Approvals



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

Downloads

Engineering Data	CAD data – STEP
User Documentation	FL_TERMSERIES_RSS1COAgNi_LOAD_GUIDE
Catalogues	Catalogues in PDF-format

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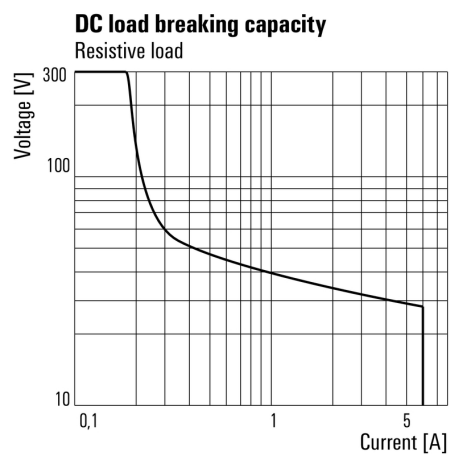
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Drawings

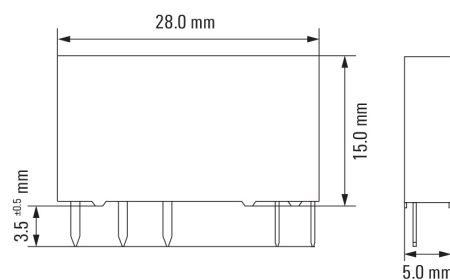
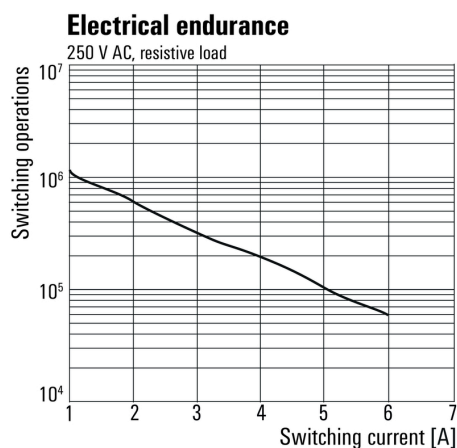
Wiring diagram



Graph



Dimensional drawing



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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 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
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).	

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.	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 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 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