

RSS113024F**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: 24 V DC, Continuous current: 6 A, Plug-in connection, Test button available: No
Order No.	1454430000
Type	RSS113024F
GTIN (EAN)	4050118261042
Qty.	18 pc(s).

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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	5.1 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
Humidity	5...85 % rel. humidity, no condensation		

Rated data UL

Certificate No. (cURus)	E475330
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Control side

Rated control voltage	24 V DC	Rated current DC	7 mA
Power rating	170 mW	Coil resistance	3390 $\Omega \pm 15\%$
Coil tolerance	15 %	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	10 x 10 ⁶ 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

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	Protection degree	IP67

Further details of approvals / standards

Certificate No. (VDE)	40049192	Certificate No. (cURus)	E475330
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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)	E475330

Downloads

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

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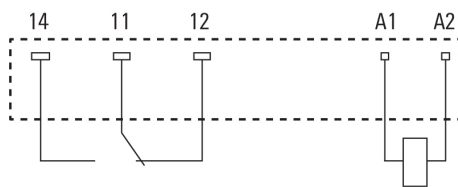
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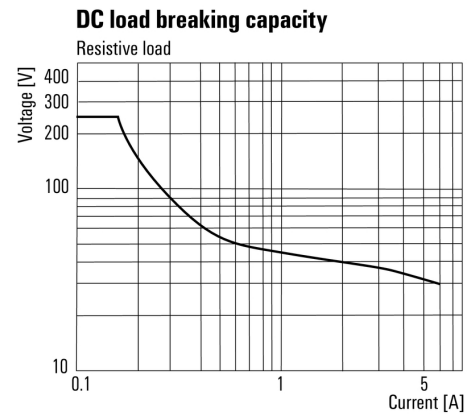
Drawings

Wiring diagram



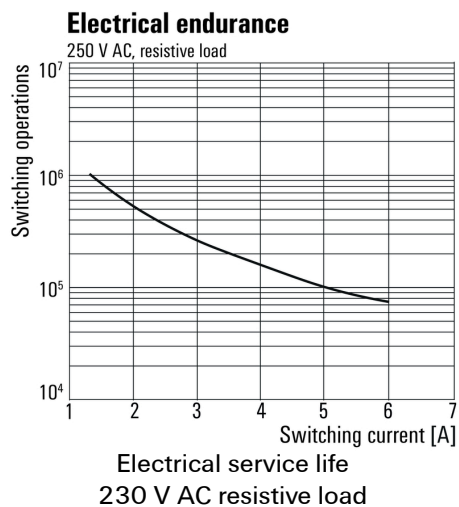
View of Pins from below

Graph

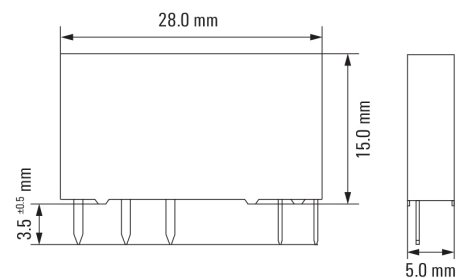


DC load limit curve

Graph



Dimensional drawing



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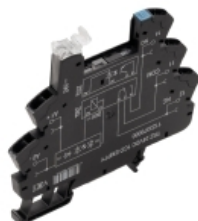
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Accessories

Tension clamp 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	TRZ 48VUC 1CO EMPTY	Version
Order No.	1123390000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905331	control voltage: 48 V UC $\pm 10\%$, Continuous current: 10 A, Tension-clamp connection
Qty.	10 pc(s).	
Type	TRZ 24VDC 1CO EMPTY	Version
Order No.	1123370000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905324	control voltage: 24 V DC $\pm 20\%$, Continuous current: 10 A, Tension-clamp connection
Qty.	10 pc(s).	
Type	TRZ 24-230VUC 1CO EMPTY	Version
Order No.	1123450000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905508	control voltage: 24...230 V UC $\pm 10\%$, Continuous current: 10 A, Tension-clamp connection
Qty.	10 pc(s).	
Type	TRZ 24VUC 1CO EMPTY	Version
Order No.	1123380000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905195	control voltage: 24 V UC $\pm 10\%$, Continuous current: 10 A, Tension-clamp connection
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 48VUC 1CO EMPTY	Version
Order No.	1123270000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905423	control voltage: 48 V UC $\pm 10\%$, Continuous current: 10 A, Screw connection
Qty.	10 pc(s).	
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 connection
Qty.	10 pc(s).	

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Accessories

Type	TRS 24-230VUC 1CO EMPTY	Version
Order No.	1123330000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905614	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

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

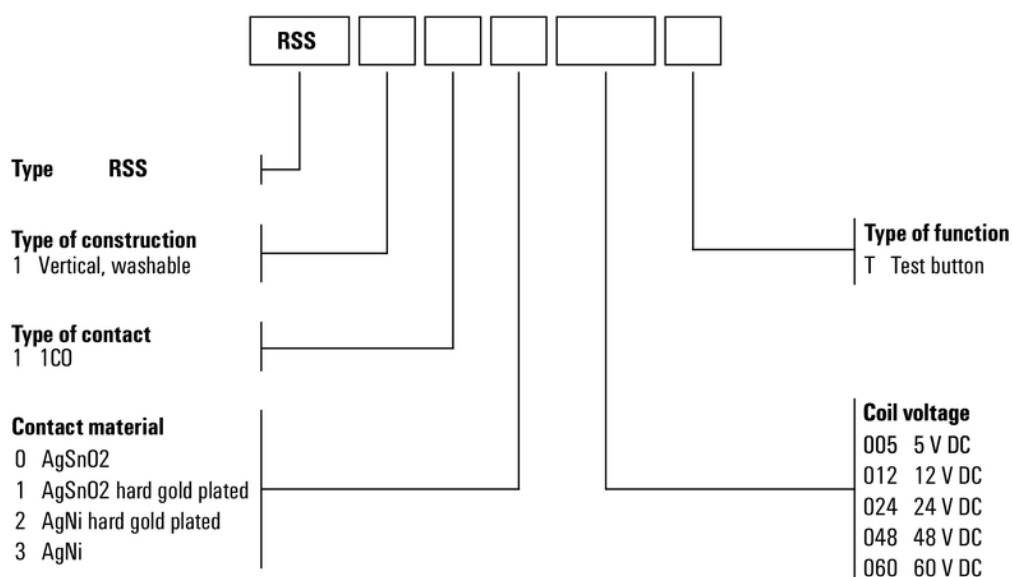
Type	TRP 24VUC 1CO EMPTY	Version
Order No.	2618910000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4050118669923	control voltage: 24 V UC $\pm 10\%$, Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	
Type	TRP 48VUC 1CO EMPTY	Version
Order No.	2618920000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4050118669916	control voltage: 48 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

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www.weidmueller.com**Drawings****Miscellaneous****Type code electromechanical relay (TERMSERIES)**

Type codes