

**TERMSERIES
RSS110024**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
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www.weidmueller.com

Product image

Similar to illustration

TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

General ordering data

Type	RSS110024
Order No.	1984090000
Version	TERMSERIES, Relay, No. of contacts: 1 CO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4050118377910
Qty.	20 pc(s).

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Technical data
Dimensions and weights

Width	5 mm	Width (inches)	0.197 inch
Height	28 mm	Height (inches)	1.102 inch
Depth	15 mm	Depth (inches)	0.591 inch
Net weight	5 g		

Temperatures

Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...85 °C	Storage temperature	-40 °C...85 °C

Rated data UL

Certificate No. (cURus)	E223474
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Input

Rated control voltage	24 V DC	Rated current DC	4.6 mA
Power rating	170 mW	Pull-in/drop-out voltage, typ.	16.8 V / 2.4 V DC
Coil resistance	3388 $\Omega \pm 10\%$		

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	Continuous current	6 A
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	< 8 ms
Switch-off delay	< 4 ms	Max. switching frequency at rated load	0.1 Hz

Contact data

Contact type	1 CO contact (AgSnO)
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General data

Test button	No	Mechanical switch position indicator	No
Colour code	white		

Insulation coordination

Protection degree	IP67	Dielectric strength, Input/Output	4 kV _{eff} / 1 Min.
Creepage and clearance distance input – output	≥ 5.5 mm	Dielectric strength of open contact	1 kV _{eff} / 1 min
Impulse withstand voltage	6 kV (1.2/50 μ s)		

Further details of approvals / standards

Certificate No. (cURus)	E223474
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Connection data

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

ETIM 5.0	EC001437	ETIM 6.0	EC001437
eClass 6.2	27-37-16-03	eClass 7.1	27-37-16-01
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

Approvals

Approvals



ROHS

Conform

Downloads

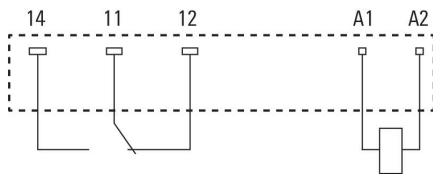
Engineering Data	WSCAD
Engineering Data	STEP

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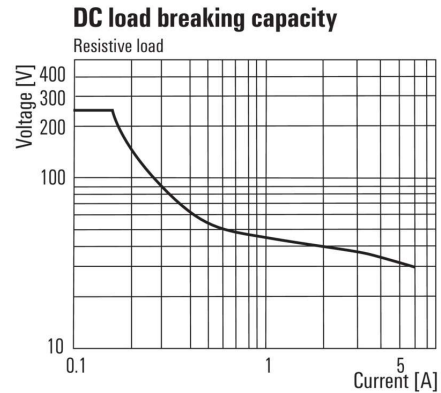
Drawings

Wiring diagram



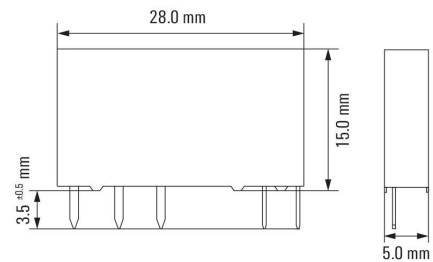
View of Pins from below

Graph



DC load limit curve

Dimensional drawing



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Mating connector (fully pluggable)**Screw connection**

TERMSERIES accessories include:

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
TRS 24VDC 1CO EMPTY	1123240000	TERMSERIES, Relay bases, No. of contacts: 1 CO contact, Rated control voltage: 24 V DC $\pm 20\%$, Continuous current: 10 A, Screw connection	4032248905485	10 pc(s).
TRS 48VUC 1CO EMPTY	1123270000	TERMSERIES, Relay bases, No. of contacts: 1 CO contact, Rated control voltage: 48 V UC $\pm 10\%$, Continuous current: 10 A, Screw connection	4032248905423	10 pc(s).
TRS 24VUC 1CO EMPTY	1123250000	TERMSERIES, Relay bases, No. of contacts: 1 CO contact, Rated control voltage: 24 V UC $\pm 10\%$, Continuous current: 10 A, Screw connection	4032248905713	10 pc(s).
TRS 24-230VUC 1CO EMPTY	1123330000	TERMSERIES, Relay bases, No. of contacts: 1 CO contact, Rated control voltage: 24...230 V UC $\pm 10\%$, Continuous current: 10 A, Screw connection	4032248905614	10 pc(s).

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Mating connector (fully pluggable)
Soldering base for printed circuit board


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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
RSS PCB	7760056258	TERMSERIES, No. of contacts: 1 CO contact, Continuous current: 6 A, Solder connection	6944169685842	100 pc(s).

Tension clamp connection


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General ordering data

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

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Mating connector (fully pluggable)

TRZ 24VUC [1123380000](#)
1CO EMPTY

TERMSERIES, Relay bases, 4032248905195 10 pc(s).
No. of contacts: 1 CO
contact, Rated control
voltage: 24 V UC $\pm 10\%$,
Continuous current: 10 A,
Tension-clamp connection

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Accessories

Screw connection



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Accessories
Tension clamp connection


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TRZ 48VUC 1CO EMPTY	1123390000	TERMSERIES, Relay bases, No. of contacts: 1 CO contact, Rated control voltage: 48 V UC ±10 %, Continuous current: 10 A, Tension-clamp connection	4032248905331	10 pc(s).
TRZ 24VUC 1CO EMPTY	1123380000	TERMSERIES, Relay bases, No. of contacts: 1 CO contact, Rated control voltage: 24 V UC ±10 %, Continuous current: 10 A, Tension-clamp connection	4032248905195	10 pc(s).

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Drawings

Miscellaneous

Type code	RSS				
Type	RSS				
Type of construction	1 Vertical, washable				
Type of contact	1 1 Changeover contact				
Contact material	0 AgSnO ₂ 2 AgNi hard gold plated 3 AgNi				
					Coil 005 5 V DC 012 12 V DC 024 24 V DC 048 48 V DC 060 60 V DC

Type codes