

TERMSERIES
RSS113024 24VDC-REL1U

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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TERMSERIES accessories include:

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

General ordering data

Type	RSS113024 24VDC-REL1U
Order No.	4060120000
Version	TERMSERIES, Relais, No. of contacts: 1, CO contact, AgNi, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248252251
Qty.	20 pc(s).

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Technical data
Dimensions and weights

Width	5 mm	Height	28 mm
Depth	15 mm	Weight	5 g
Net weight	6 g		

Temperatures

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

Input

Rated control voltage	24 V DC	Rated current DC	7 mA
Coil resistance	3388 $\Omega \pm 10\%$	Power rating	170 mW
Pull-in (sparkover) drop-out voltage DC coil	16.8 V / 1.2 V		

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	6 A	Max. switching power	1500 VA
Switch-on delay	< 8 ms	Switch-off delay	< 4 ms
Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA	Max. switching frequency at rated load	0.1 Hz

Contact specifications

No. of contacts	1	Contact design	CO contact
Contact material	AgNi	Mechanical service life	5 x 10 ⁶ switching cycles

general data

Wire connection method	Plug-in connection	Humidity	5...85 % rel. humidity, no condensation
Weight	5 g	UL 94 flammability rating	V-0

Insulation coordination

Creepage and clearance distance input – output	≥ 5.5 mm	Dielectric strength input – output	4 kV _{eff} / 1 min.
Impulse withstand voltage	6 kV (1.2/50 μ s)	Protection degree	IP 67

Other technical data

Version	Relay
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Further details of approvals / standards

Standards	IEC 61810-1, UL508
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Connection data

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

ETIM 3.0	EC001437	UNSPSC	30-21-19-17
eClass 5.1	27-37-16-01	eClass 6.2	27-37-16-03
eClass 7.1	27-37-16-03		

Approvals

Approvals

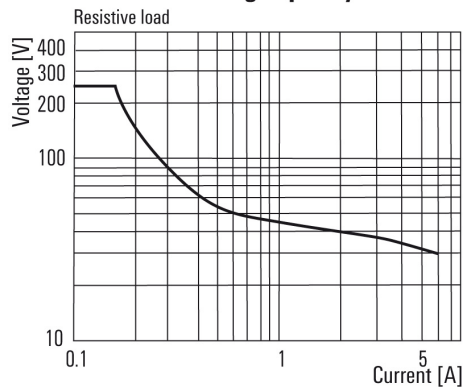
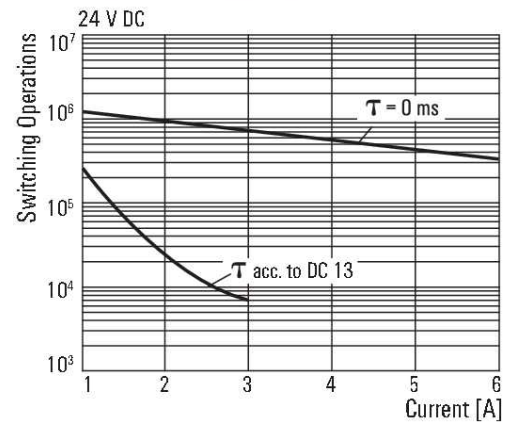
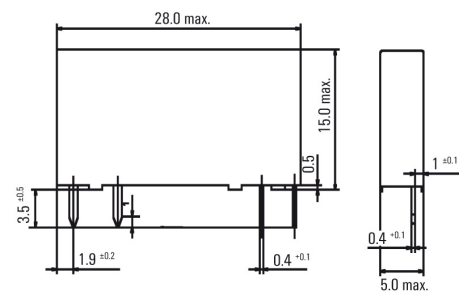
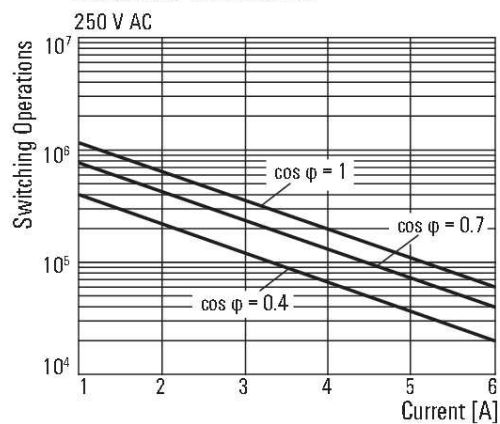


ROHS

Conform

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Drawings
DC load breaking capacity

Electrical endurance

Electrical endurance


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Mating connector (fully pluggable)

Screw connection



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General ordering data

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

Tension clamp connection



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
TRZ 24VUC 1CO EMPTY	1123380000	TERMSERIES, Relay base, Rated control voltage: 24 V UC $\pm 10\%$, Continuous	4032248905195	10 pc(s).

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Mating connector (fully pluggable)

		current: 10 A, Tension clamp connection
TRZ 48VUC 1CO EMPTY	1123390000	TERMSERIES, Relay base, 4032248905331 10 pc(s). Rated control voltage: 48 V UC $\pm 10\%$, Continuous current: 10 A, Tension clamp connection
TRZ 24-230VUC 1CO EMPTY	1123450000	TERMSERIES, Relay base, 4032248905508 10 pc(s). Rated control voltage: 24...230 V UC $\pm 10\%$, Continuous current: 10 A, Tension clamp connection
TRZ 24VDC 1CO EMPTY	1123370000	TERMSERIES, Relay base, 4032248905324 10 pc(s). Rated control voltage: 24 V DC $\pm 20\%$, Continuous current: 10 A, Tension clamp connection