

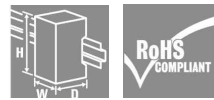


**THE DATASHEET OF
4061590000**



TERMSERIES
RSS112024 24VDC-REL1U

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



TERMSERIES accessories include:

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

General ordering data

Order No.	4061590000
Type	RSS112024 24VDC-REL1U
Version	TERMSERIES, Relais, No. of contacts: 1, CO contact, AgNi 5µm Au, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248252282
Qty.	20 pc(s).

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Technical data
Ratings

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

Dimensions and weights

Width	5 mm	Height	28 mm
Depth	15 mm	Weight	5 g
Net weight	4.5 g		

Temperatures

Operating temperature	-40 °C...+85 °C	Storage temperature	-40 °C...+85 °C
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Input

Rated control voltage	24 V DC	Rated current DC	7 mA
Coil resistance	3388 Ω ±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 making current	250 V / 6 A	Continuous current	6 A
Switch-on delay	< 8 ms	Max. switching power	1500 VA
Min. switching power	1 V / 1 mA	Switch-off delay	< 4 ms
		Max. switching frequency at rated load	0.1 Hz

Contact specifications

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

Insulation coordination

Clearance and creepage distances for control side - load side	≥ 5.5 mm	Dielectric strength for control side - load side	4 kV _{eff} / 1 min.
Impulse withstand voltage	6 kV (1.2/50 µs)	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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Classifications

ETIM 3.0	EC001437	eClass 6.0	27-37-16-03
eClass 7.0	27-37-16-03		

Data sheet...

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Technical data

Approvals

Approvals

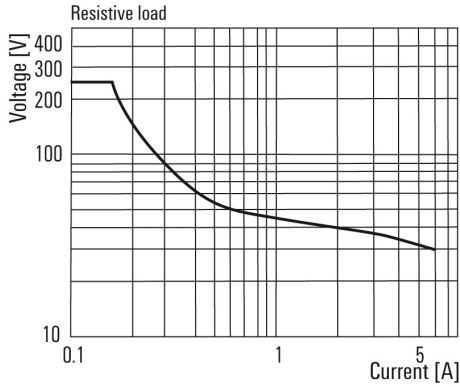


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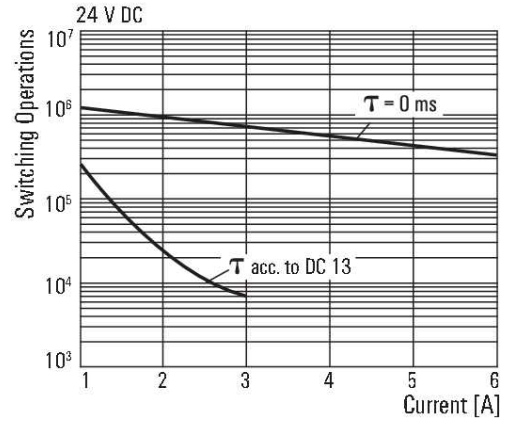
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Drawings

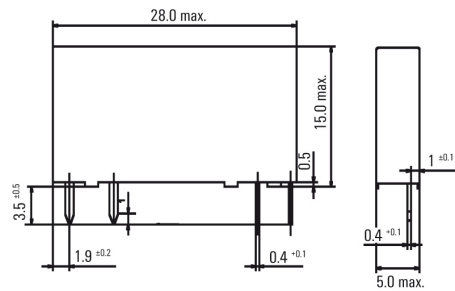
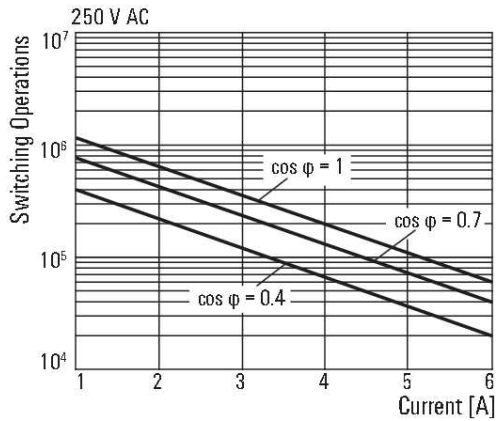
DC load breaking capacity



Electrical endurance



Electrical endurance



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Mating connector (fully pluggable)
Screw connection


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General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1123250000	TRS 24VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905713	10 pc(s).
1123330000	TRS 24-230VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905614	10 pc(s).
1123240000	TRS 24VDC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905485	10 pc(s).
1123270000	TRS 48VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905423	10 pc(s).

Tension clamp connection


TERMSERIES accessories include:

- Spare relay
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- Cross-connections
- Power-feed modules

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1123390000	TRZ 48VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905331	10 pc(s).
1123380000	TRZ 24VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905195	10 pc(s).
1123370000	TRZ 24VDC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905324	10 pc(s).

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Mating connector (fully pluggable)

[1123450000](#) TRZ 24-230VUC 1CO EMPTY

TERMSERIES, Relay base, 4032248905508 10 pc(s).
Continuous current: 10 A,
Tension clamp connection

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