TERMSERIES
RSS113060 60VDC-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.	4061630000
Type	RSS113060 60VDC-REL1U
Version	TERMSERIES, Relais, No. of contacts: 1, CO contact, AgNi, Rated control voltage: 60 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248252275
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	6 g		

Temperatures

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

Input

Rated control voltage	60 V DC	Rated current DC	3 mA
Coil resistance	20570 Ω ±10 %	Power rating	180 mW
Pull-in (sparkover) / drop-out voltage DC coil	42 V / 3V		

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	Continuous current	6 A
making 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

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

Further details of approvals / standards

Standards	IEC 61810-1, UL508

Classifications

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

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Technical data

Approvals

Approvals

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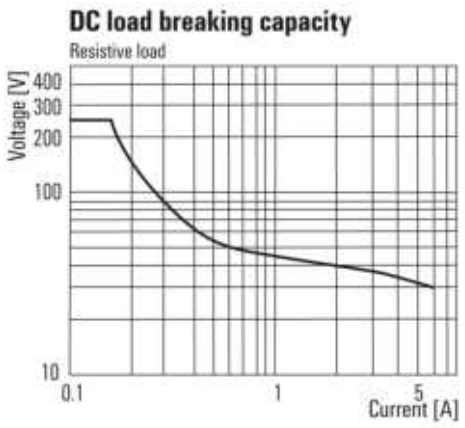
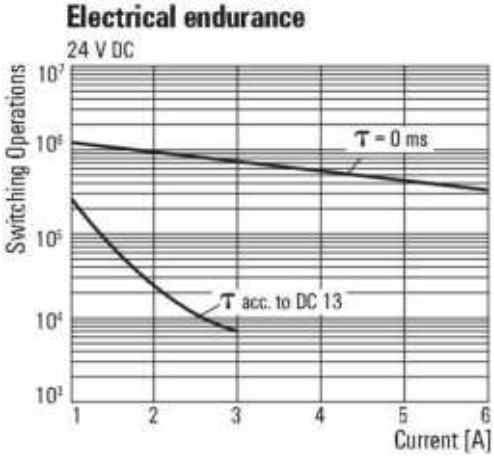
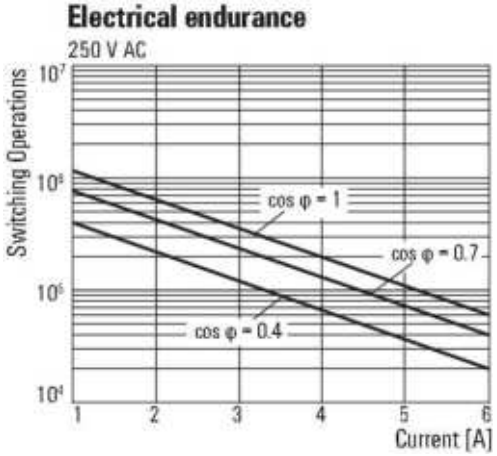
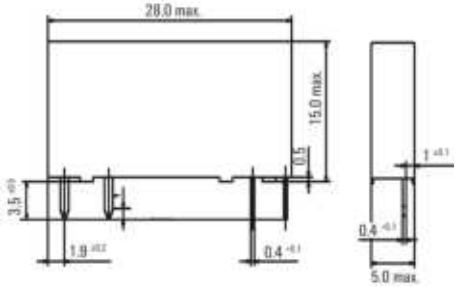
Drawings









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Mating connector (fully pluggable)

Screw connection

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- Power-feed modules

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1123320000	TRS 230VAC RC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905522	10 pc(s).
1123310000	TRS 120VAC RC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905317	10 pc(s).
1123290000	TRS 120VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905461	10 pc(s).
1123300000	TRS 230VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905515	10 pc(s).
1123280000	TRS 60VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Screw connection	4032248905270	10 pc(s).

Tension clamp connection

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- Base
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- Cross-connections
- Power-feed modules

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1123430000	TRZ 120VAC RC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905188	10 pc(s).
1123410000	TRZ 120VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905690	10 pc(s).
1123440000	TRZ 230VAC RC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905171	10 pc(s).

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Mating connector (fully pluggable)

1123420000 TRZ 230VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905683 10 pc(s).
1123400000 TRZ 60VUC 1CO EMPTY	TERMSERIES, Relay base, Continuous current: 10 A, Tension clamp connection	4032248905546 10 pc(s).