

TERMSERIES
RSS113024

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com



TERMSERIES accessories include:

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

General ordering data

Type	RSS113024
Order No.	4060120000
Version	TERMSERIES, Relay, 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	Width (inches)	0.197 inch
Height	28 mm	Height (inches)	1.102 inch
Depth	15 mm	Depth (inches)	0.591 inch
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
Power rating	170 mW	Pull-in/drop-out voltage, typ.	16.8 V / 1.2 V DC
Coil resistance	3388 Ω ± 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	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	Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V
Max. switching frequency at rated load	0.1 Hz		

Contact data

Contact type	1 CO contact (AgNi)	Mechanical service life	5 x 10 ⁶ switching cycles
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General data

Test button	No	Mechanical switch position indicator	No
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.
Dielectric strength of open contact	1 kV _{eff} / 1 min	Impulse withstand voltage	6 kV (1.2/50 μs)
Protection degree	IP67		

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (cURus)	E351070
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Connection data

Wire connection method	Plug-in connection
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Data sheet

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Technical data

Classifications

ETIM 3.0	EC001437	ETIM 4.0	EC001456
ETIM 5.0	EC001437	ETIM 6.0	EC001437
UNSPSC	30-21-19-17	eClass 5.1	27-37-16-01
eClass 6.2	27-37-16-03	eClass 7.1	27-37-16-01
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 [EPLAN, WSCAD](#)

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Drawings

Wiring diagram



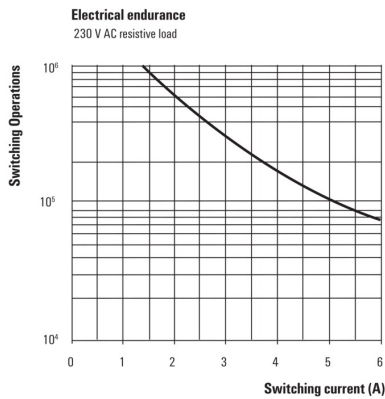
View of Pins from below

DC load limit curve



230 V AC resistive load

Electrical service life



230 V AC resistive load

Dimensioned drawing



Data sheet

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Drawings

Type code	RSS				
Type	RSS				
Type of construction	1 Vertical, washable				
Type of contact	1 1 Changeover contact				
Contact material	0 AgSnO2 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