

TERMSERIES
RSS110060

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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	RSS110060
Order No.	1984120000
Version	TERMSERIES, Relay, No. of contacts: 1 CO contact AgSnO ₂ , Rated control voltage: 60 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4050118377682
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	60 V DC	Rated current DC	3 mA
Power rating	180 mW	Pull-in/drop-out voltage, typ.	42 V / 3 V DC
Coil resistance	20570 $\Omega \pm 10\%$		

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	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

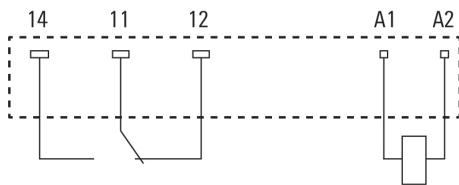
Engineering Data	WSCAD
Engineering Data	STEP

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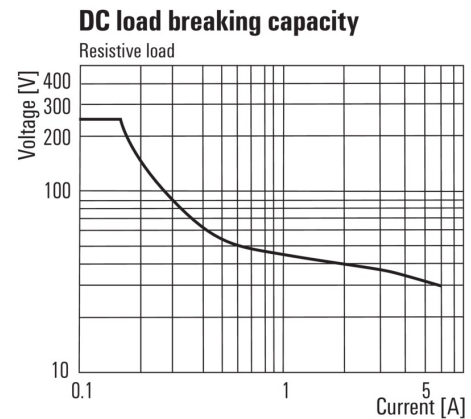
Drawings

Wiring diagram



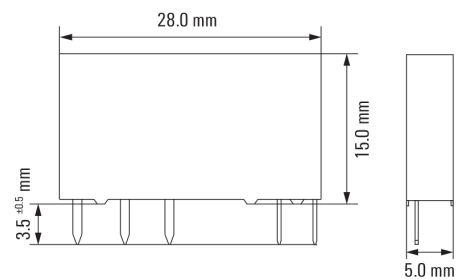
View of Pins from below

Graph



DC load limit curve

Dimensional drawing



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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