

**TERMSERIES**  
**RSS110012**

**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	RSS110012
Order No.	<a href="#">1984110000</a>
Version	TERMSERIES, Relay, No. of contacts: 1 CO contact AgSnO, Rated control voltage: 12 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4050118377699
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	12 V DC	Rated current DC	14 mA
Power rating	170 mW	Pull-in/drop-out voltage, typ.	10.5 V / 0.6 V DC
Coil resistance	847 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	30 A / 20 ms	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 <sub>eff</sub> / 1 Min.
Creepage and clearance distance input – output	≥ 5.5 mm	Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min
Impulse withstand voltage	6 kV (1.2/50 μs)		

**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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**Data sheet****TERMSERIES  
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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**

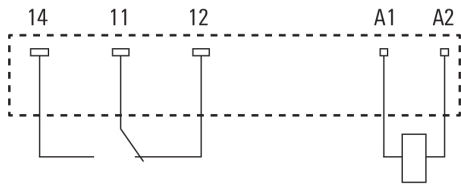
Engineering Data	<a href="#">EPLAN_WSCAD</a>
Engineering Data	<a href="#">STEP</a>

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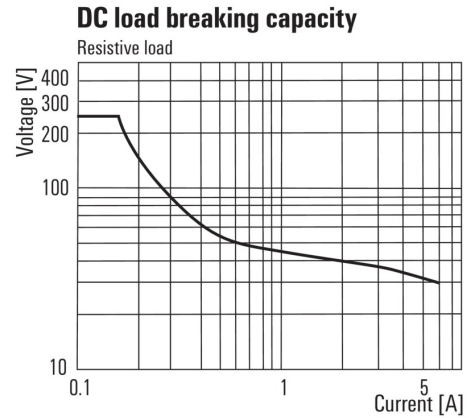
**Drawings**

**Wiring diagram**



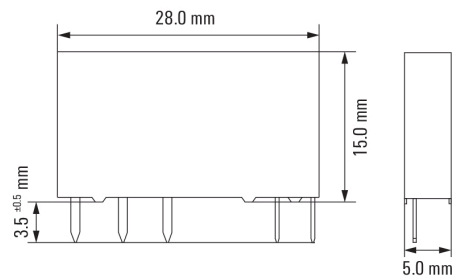
View of Pins from below

**Graph**



DC load limit curve

**Dimensional drawing**



**Data sheet**

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**Drawings**

**Miscellaneous**

<b>Type code</b>	RSS					
<b>Type</b>	RSS					
<b>Type of construction</b>	1 Vertical, washable					<b>Coil</b>
<b>Type of contact</b>	1 1 Changeover contact					005 5 V DC
<b>Contact material</b>	0 AgSnO2					012 12 V DC
	2 AgNi hard gold plated					024 24 V DC
	3 AgNi					048 48 V DC
						060 60 V DC

Type codes