

**TERMSERIES**  
**RSS112024**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
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 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	RSS112024
Order No.	<a href="#">4061590000</a>
Version	TERMSERIES, Relay, 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**
**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	4.5 g		

**Temperatures**

Humidity	5...85 % rel. humidity, no condensation	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		

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Rated data UL**

Certificate No. (cURus)	E223474
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**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 / 2.4 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
Switch-on delay	< 8 ms	Switch-off delay	< 4 ms
Min. switching power	1 mA @ 1 V	Max. switching frequency at rated load	0.1 Hz

**Contact data**

Contact type	1 CO contact (AgNi 5µm Au)	Mechanical service life	5 x 10 <sup>6</sup> switching cycles
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**General data**

Test button	No	Mechanical switch position indicator	No
Colour	white	UL 94 flammability rating	V-0

**Insulation coordination**

Protection degree	IP67	Dielectric strength, Input/Output	4 kV <sub>eff</sub> / 1 Min.
Impulse withstand voltage at input and output	6 kV (1.2/50 µs)	Creepage and clearance distance input – output	≥ 5.5 mm
Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min		

**Further details of approvals / standards**

Standards	IEC 61810-1, UL508	Certificate No. (cURus)	E223474
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Creation date May 28, 2019 2:26:57 PM CEST

**Data sheet**

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**Technical data**

**Connection data**

Wire connection method                      Plug-in connection

**Classifications**

ETIM 3.0	EC001437	ETIM 4.0	EC001456
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**

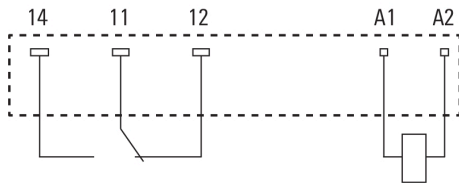
Brochure/Catalogue	<a href="#">CAT 4.2 ELECTR 18/19 EN</a>
Engineering Data	<a href="#">WSCAD</a>
Engineering Data	<a href="#">STEP</a>

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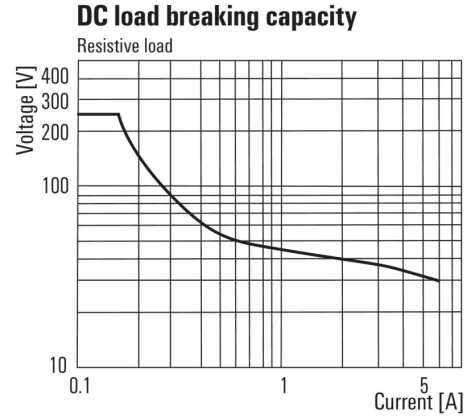
**Drawings**

**Wiring diagram**



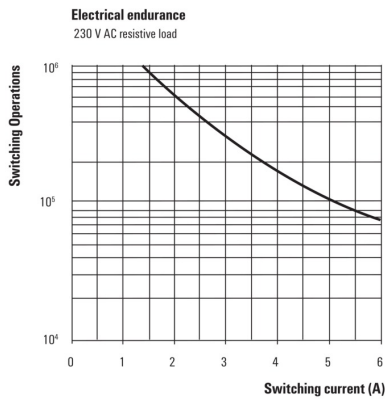
View of Pins from below

**Graph**



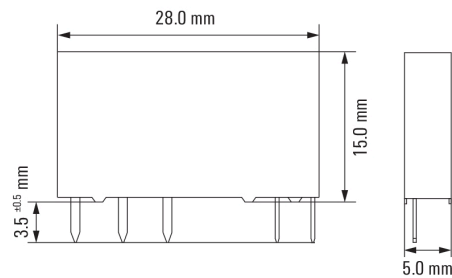
DC load limit curve

**Graph**



Electrical service life  
230 V AC resistive load

**Dimensional drawing**



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**Drawings**

**Miscellaneous**

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

Type codes