

**TERMSERIES  
RSS113024F**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
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	RSS113024F
Order No.	<a href="#">1454430000</a>
Version	TERMSERIES, Relay, Number of contacts: 1, CO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4050118261042
Qty.	18 pc(s).

Creation date July 8, 2020 7:53:25 AM CEST

Catalogue status 08.07.2020 / We reserve the right to make technical changes.

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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	5.1 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		

**Rated data UL**

Certificate No. (cURus)	E475330
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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.	18 V / 1.2 V DC
Coil resistance	3390 Ω ± 15 %		

**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	10 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**

Certificate No. (VDE)	40049192	Certificate No. (cURus)	E475330
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**Data sheet**

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**Technical data**

**Connection data**

Wire connection method                      Plug-in connection

**Classifications**

ETIM 6.0	EC001437	ETIM 7.0	EC001437
eClass 9.0	27-37-16-01	eClass 9.1	27-37-16-01
eClass 10.0	27-37-16-01		

**Approvals**

Approvals



ROHS    Conform

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**Drawings**

**Wiring diagram**



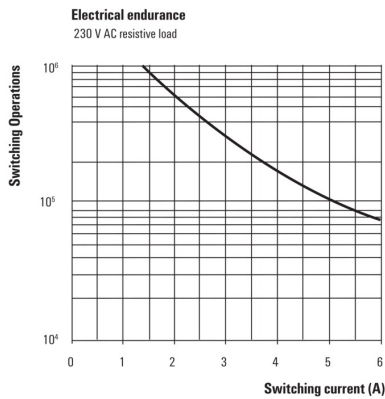
View of Pins from below

**Graph**



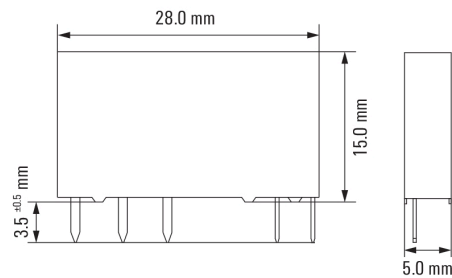
DC load limit curve

**Graph**



Electrical service life  
230 V AC resistive load

**Dimensional drawing**



**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>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