

**RSS113024F****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

Similar to illustration

Individual relays for TERMSERIES

- Electromechanical relays
- Different contact materials

**General ordering data**

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

Creation date April 15, 2021 3:01:38 PM CEST

Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	15 mm	Depth (inches)	0.591 inch
Height	28 mm	Height (inches)	1.102 inch
Net weight	5.1 g	Width	5 mm
Width (inches)	0.197 inch		

## Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
Humidity	5...85 % rel. humidity, no condensation		

## Rated data UL

Certificate No. (cURus)	E475330
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## Control side

Coil resistance	3390 $\Omega \pm 15\%$	Power rating	170 mW
Pull-in/drop-out voltage, typ.	18 V / 1.2 V DC	Rated control voltage	24 V DC
Rated current DC	7 mA		

## Load side

AC switching capacity (resistive), max.	1500 VA	DC switching capacity (resistive), max.	144 W @ 24 V
Inrush current	20 A / 20 ms	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Max. switching voltage, DC	250 V
Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V	Switch-off delay	$\leq 4$ ms
Switch-on delay	$\leq 8$ ms		

## 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

Clearance and creepage distances for control side - load side	$\geq 5.5$ mm	Dielectric strength for control side - load side	4 kV <sub>eff</sub> / 1 Min.
Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min	Protection degree	IP67

## Further details of approvals / standards

Certificate No. (VDE)	40049192	Certificate No. (cURus)	E475330
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## Connection data

Wire connection method	Plug-in connection
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**Technical data**

**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	ECLASS 11.0	27-37-16-01

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E475330

**Downloads**

Brochure/Catalogue	<a href="#">Catalogues in PDF-format</a>
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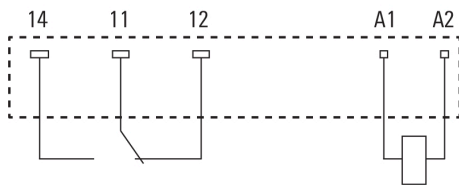
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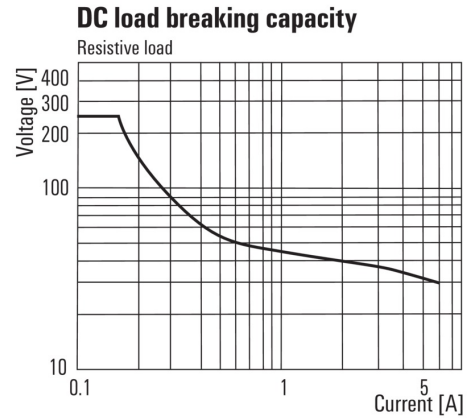
**Drawings**

**Wiring diagram**



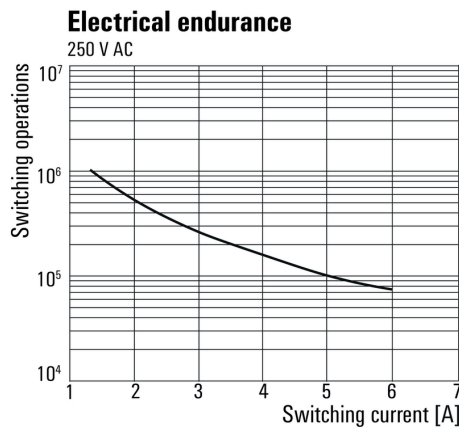
View of Pins from below

**Graph**



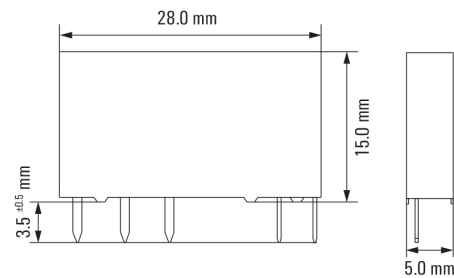
DC load limit curve

**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