



**THE DATASHEET OF  
4060120000**



**RSS113024****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

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 available: No
Order No.	<a href="#">4060120000</a>
Type	RSS113024
GTIN (EAN)	4032248252251
Qty.	20 pc(s).

Creation date January 30, 2022 3:36:31 AM CET

Catalogue status 14.01.2022 / 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
Width	5 mm	Width (inches)	0.197 inch
Net weight	6 g		

## Temperatures

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

## Environmental Product Compliance

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

Certificate No. (cURus)	E351070
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## Control side

Rated control voltage	24 V DC	Rated current DC	7 mA
Power rating	170 mW	Pull-in/drop-out voltage, typ.	16.8 V / 1.2 V DC
Coil resistance	3388 $\Omega \pm 10\%$		

## Load side

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
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	$\leq 8$ ms
Switch-off delay	$\leq 4$ ms	Contact type	1 CO contact (AgNi)
Mechanical service life	5 x 10 <sup>6</sup> switching cycles		

## General data

Test button available	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	$\geq 6$ 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

Standards	IEC 61810-1, UL508	Certificate No. (VDE)	40029391
Certificate No. (cURus)	E351070		

## Connection data

Wire connection method	Plug-in connection
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### Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	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	E35 1070

### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

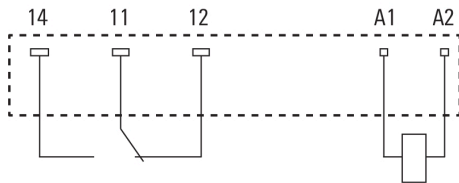
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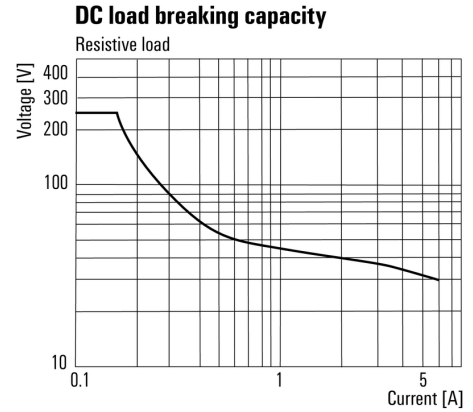
**Drawings**

**Wiring diagram**



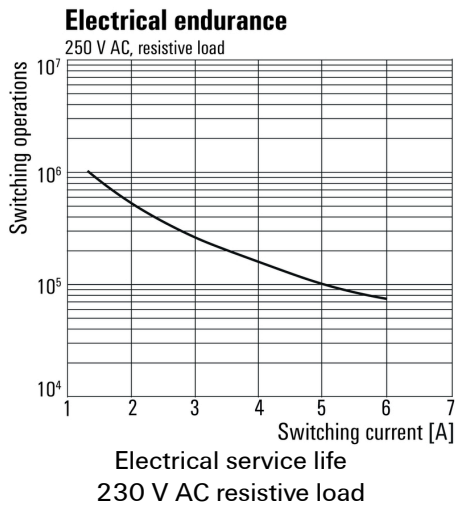
View of Pins from below

**Graph**

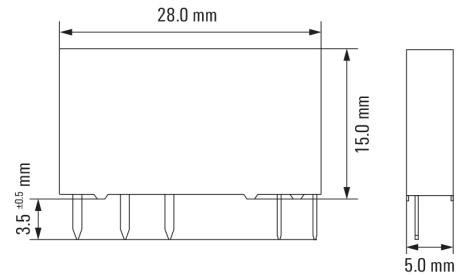


DC load limit curve

**Graph**



**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

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