

**TERMSERIES  
RCL314024W**

**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	RCL314024W
Order No.	<a href="#">1984040000</a>
Version	TERMSERIES, Relay, No. of contacts: 1 CO contact AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection
GTIN (EAN)	4050118369366
Qty.	20 pc(s).

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**Technical data****Dimensions and weights**

Width	12.7 mm	Width (inches)	0.5 inch
Height	29 mm	Height (inches)	1.142 inch
Depth	15.7 mm	Depth (inches)	0.618 inch
Net weight	14 g		

**Temperatures**

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...70 °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)	E302101
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**Input**

Rated control voltage	24 V DC	Rated current DC	17.3 mA
Power rating	420 mW	Pull-in/drop-out voltage, typ.	16.8 V / 2.4 V DC
Coil resistance	1440 Ω ± 10 %		

**Output**

Rated switching voltage	250 V AC	Max. switching voltage, AC	440 V
Continuous current	16 A	Inrush current	30 A / 4 s
Switch-on delay	≤ 8 ms	Switch-off delay	≤ 4 ms
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V	Max. switching frequency at rated load	0.1 Hz

**Contact data**

Contact type	1 CO contact (AgNi 90/10)
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**General data**

Test button	No	Mechanical switch position indicator	No
Colour	white		

**Insulation coordination**

Rated voltage	400 V	Surge voltage category	III
Pollution severity	3	Protection degree	IP20
Dielectric strength, Input/Output	5 kV <sub>eff</sub> / 1 min	Creepage and clearance distance input - output	≥ 10 mm
Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min		

**Further details of approvals / standards**

Certificate No. (cURus)	E302101
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Creation date May 27, 2019 8:10:51 PM CEST

**Data sheet**

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**Technical data**

**Connection data**

Wire connection method	Plug-in connection	Pitch in mm (P)	5 mm
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**Classifications**

ETIM 3.0	EC001437	ETIM 5.0	EC001437
ETIM 6.0	EC001437	UNSPSC	30-21-19-17
eClass 5.1	27-37-16-01	eClass 6.2	27-37-16-01
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>

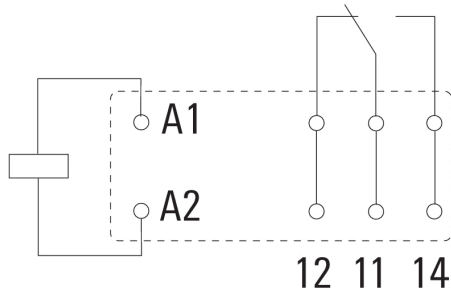
**Data sheet**

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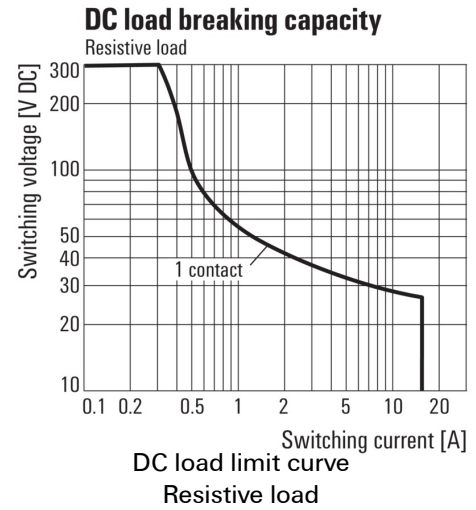
**Drawings**

**Wiring diagram**

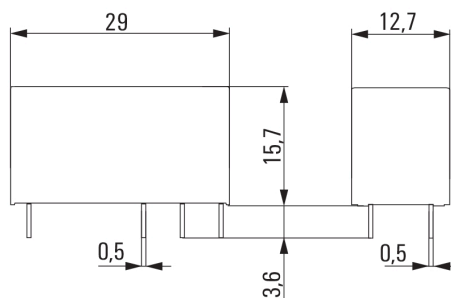


View of Pins from below

**Graph**



**Dimensional drawing**



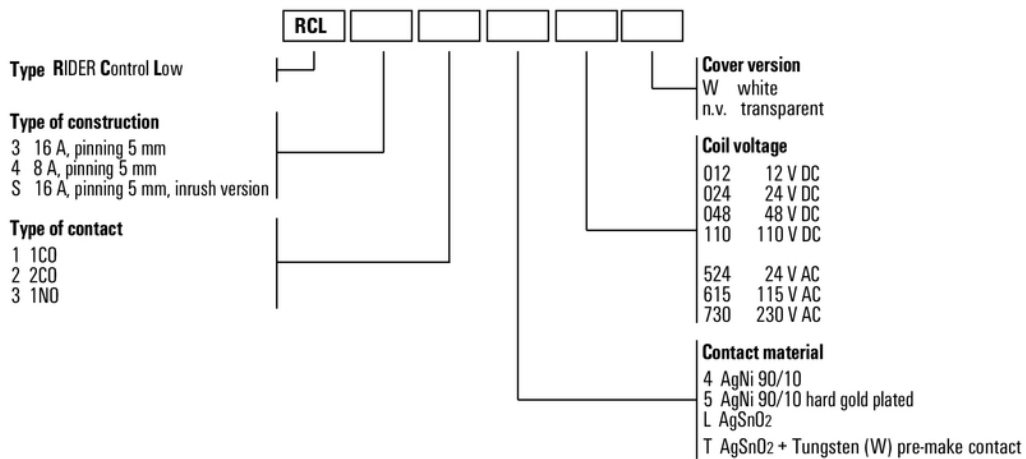
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**Drawings**

**Miscellaneous**



Type codes