

TERMSERIES
RCL314048W

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	RCL314048W
Order No.	1984050000
Version	TERMSERIES, Relay, No. of contacts: 1 CO contact AgNi 90/10, Rated control voltage: 48 V DC, Continuous current: 16 A, Plug-in connection
GTIN (EAN)	4050118369168
Qty.	20 pc(s).

**TERMSERIES
RCL314048W**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

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
------------	----------------

Rated data UL

Certificate No. (cURus)	E302101
-------------------------	---------

Input

Rated control voltage	48 V DC	Rated current DC	8.7 mA
Power rating	420 mW	Pull-in/drop-out voltage, typ.	33.6 V / 4.8 V DC
Coil resistance	5700 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)
--------------	---------------------------

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 _{eff} / 1 min	Creepage and clearance distance input - output	≥ 10 mm
Dielectric strength of open contact	1 kV _{eff} / 1 min		

Further details of approvals / standards

Certificate No. (cURus)	E302101
-------------------------	---------

Creation date May 27, 2019 8:10:53 PM CEST

Data sheet

**TERMSERIES
RCL314048W**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Connection data

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

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	EPLAN, WSCAD
Engineering Data	STEP

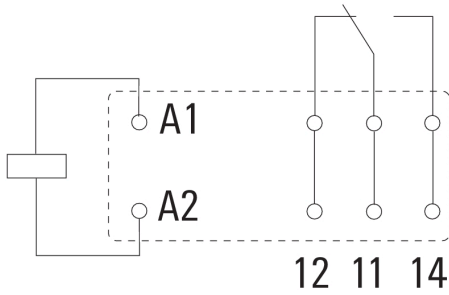
Data sheet

**TERMSERIES
RCL314048W**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

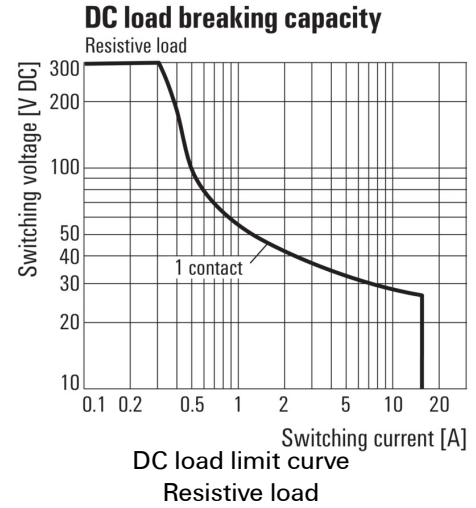
Drawings

Wiring diagram

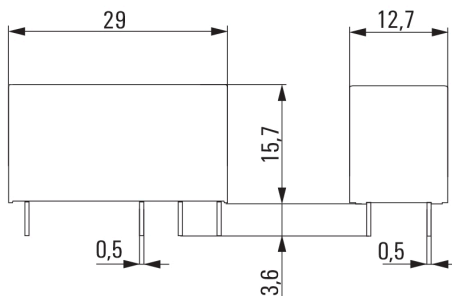


View of Pins from below

Graph



Dimensional drawing



Data sheet

**TERMSERIES
RCL314048W**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Drawings

Miscellaneous



Type codes