

RCL314012W**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

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Fax. +49 5231 14-2083

info@weidmueller.com

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: 12 V DC, Continuous current: 16 A, Plug-in connection, Test button available: No
Order No.	1984030000
Type	RCL314012W
GTIN (EAN)	4050118369373
Qty.	20 pc(s).

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Technical data

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0.618 inch

1.142 inch

0.5 inch

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-40 °C...85 °C

Operating temperature

-40 °C...70 °C

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Rated data UL

Certificate No. (cURus) E302101

Control side

Rated control voltage 12 V DC

Rated current DC

35.8 mA

Power rating 420 mW

Pull-in/drop-out voltage, typ.

8.4 V / 1.2 V DC

Coil resistance 360 Ω ± 10 %

Coil tolerance

10 %

Load side

Rated switching voltage 250 V AC

Continuous current

16 A

Max. switching frequency at rated load 0.1 Hz

Inrush current

30 A / 4 s

AC switching capacity (resistive), max. 4000 VA

DC switching capacity (resistive), max.

384 W @ 24 V

Switch-on delay ≤ 8 ms

Switch-off delay

≤ 4 ms

Contact type 1 CO contact (AgNi)

Min. switching power

1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V

General data

Test button available No

Mechanical switch position indicator

No

Colour white

Insulation coordination

Rated voltage 400 V

Pollution severity

3

Surge voltage category III

Clearance and creepage distances for control side - load side

≥ 10 mm

Dielectric strength for control side - load side 1.2 kV_{eff} / 5 s

Dielectric strength of open contact

1 kV_{eff} / 1 min

Protection degree IP20

Further details of approvals / standards

Certificate No. (cURus) E302101

Connection data

Wire connection method Plug-in connection

Pitch in mm (P)

5 mm

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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	ECLASS 12.0	27-37-16-01

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E302101

Downloads

Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format

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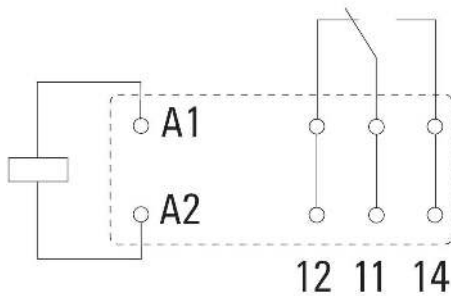
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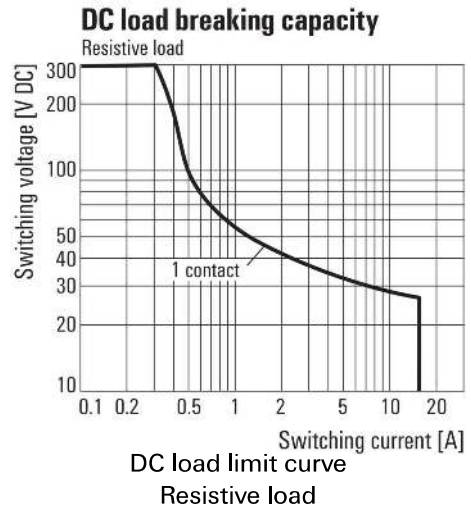
Drawings

Wiring diagram

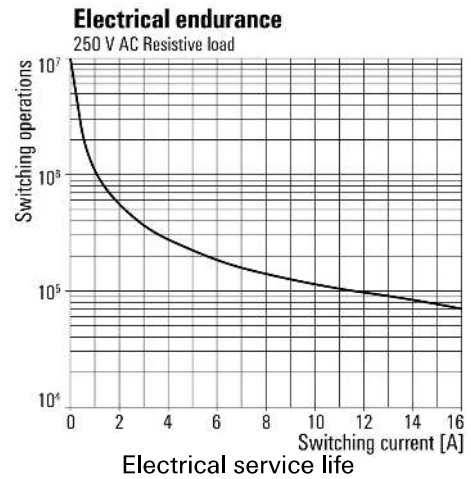


View of Pins from below

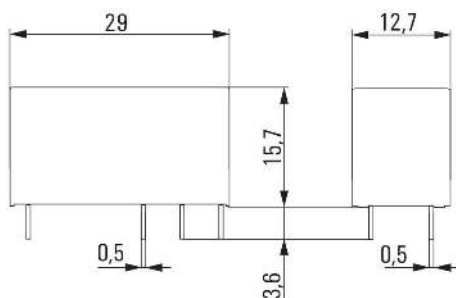
Graph



Graph



Dimensional drawing



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Drawings

Miscellaneous

