

RCL314024W**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 90/10, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection
Order No.	1984040000
Type	RCL314024W
GTIN (EAN)	4050118369366
Qty.	20 pc(s).

Creation date March 26, 2021 7:17:17 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

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

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...70 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E302101
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Control side

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

Load side

AC switching capacity (resistive), max.	4000 VA	Continuous current	16 A
DC switching capacity (resistive), max.	384 W @ 24 V	Inrush current	30 A / 4 s
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	440 V
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V	Rated switching voltage	250 V AC
Switch-off delay	≤ 4 ms	Switch-on delay	≤ 8 ms

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

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

Further details of approvals / standards

Certificate No. (cURus)	E302101
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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 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	E302101

Downloads

Engineering Data	STEP
Engineering Data	EPLAN.WSCAD

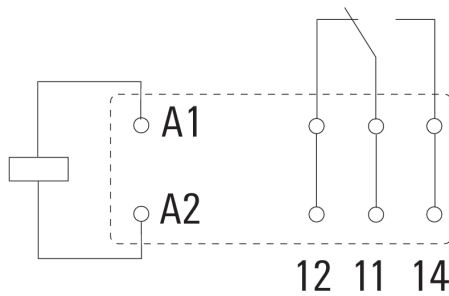
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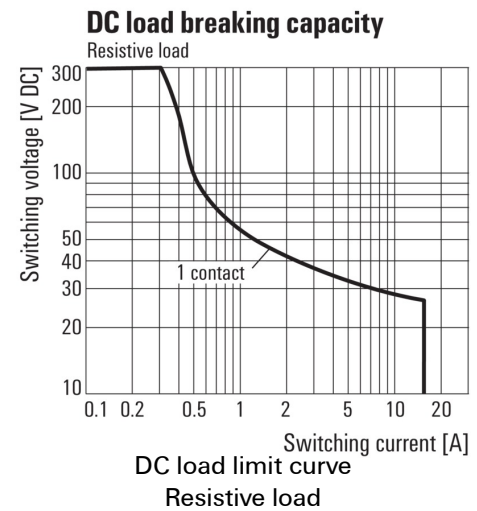
Drawings

Wiring diagram

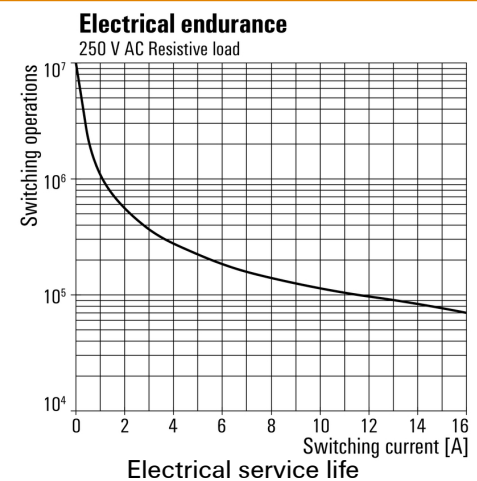


View of Pins from below

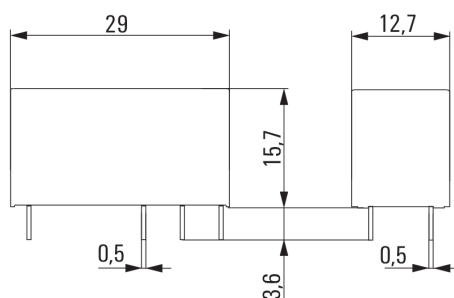
Graph



Graph



Dimensional drawing



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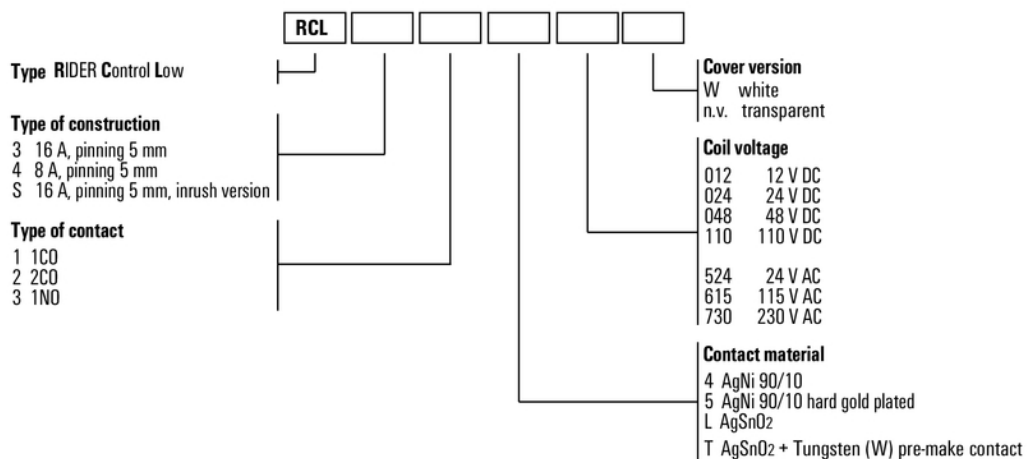
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Drawings

Miscellaneous



Type codes