Data sheet

RCL314060W

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, Rated control voltage: 60 V DC, Continuous current: 16 A, Plug-in connection, Test button available: No
Order No.	1984060000
Type	RCL314060W
GTIN (EAN)	4050118369380
Qty.	20 items

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Technical data

Approvals

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

Dimensions and weights

Depth	15.7 mm	Depth (inches)	0.6181 inch
Height	29 mm	Height (inches)	1.1417 inch
Width	12.7 mm	Width (inches)	0.5 inch
Net weight	14 g		

Temperatures

Storage temperature	-40 °C...85 °C	Ambient temperature	-40 °C...70 °C
Operating temperature			

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Rated data UL

Certificate No. (cURus)	E302101

Control side

Rated control voltage	60 V DC	Rated current DC	7 mA
Power rating	420 mW	Coil resistance	7500 Ω ± 10 %
Status indicator	No		

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

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Dielectric strength for control side - load side	5 kVeff / 1min	Dielectric strength of open contact	1 kVeff / 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)	5.00 mm

Classifications

ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

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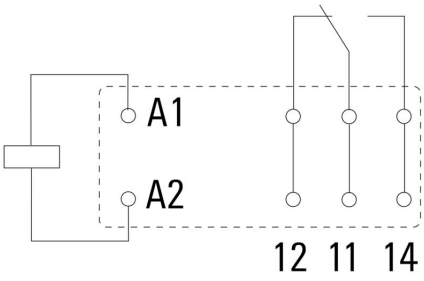
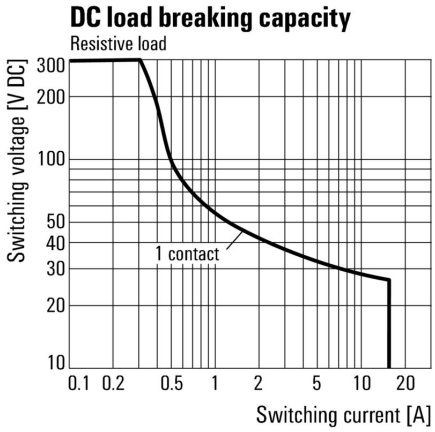
Drawings

Wiring diagram



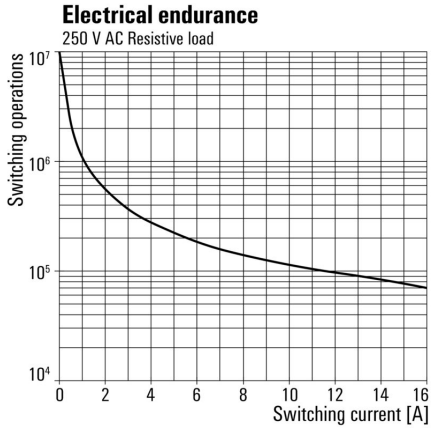
View of Pins from below

Graph



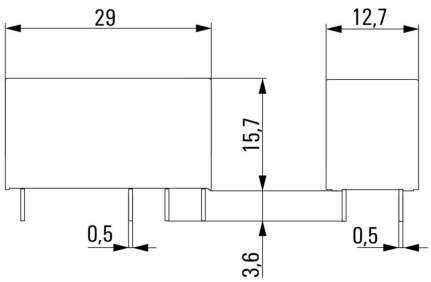
DC load limit curve Resistive load

Graph



Electrical service life

Dimensional drawing



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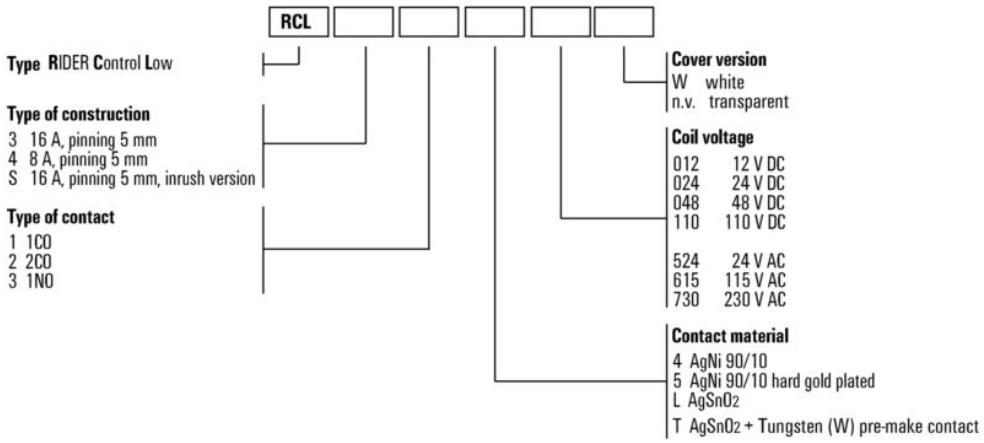
Drawings

Miscellaneous



Type codes