

RCL314730**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

General ordering data

Version	RIDERSERIES RCL, Relay, Number of contacts: 1, CO contact AgNi, Rated control voltage: 230 V AC, Continuous current: 16 A, Plug-in connection, Test button available: No
Order No.	8693320000
Type	RCL314730
GTIN (EAN)	4032248364763
Qty.	20 pc(s).

Creation date October 30, 2021 10:20:35 AM CEST

Catalogue status 22.10.2021 / 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
Width	12.7 mm	Width (inches)	0.5 inch
Net weight	12.778 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...70 °C
Humidity	40 °C / 93 % rel. humidity, no condensation		

Probability of failure

B10	230.000 AC15: 250Vac/3A
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Rated data UL

Certificate No. (cURus)	E224238
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Control side

Rated control voltage	230 V AC	Rated current AC	3.2 mA
Power rating	0.75 VA	Pull-in/drop-out voltage, typ.	172.5 V / 34.5 V AC
Coil resistance	32500 Ω ± 15 %		

Load side

Rated switching voltage	250 V AC	Continuous current	16 A
Max. switching frequency at rated load	0.1 Hz	Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
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	≤ 6 ms	Contact type	1 CO contact (AgNi)
Mechanical service life	AC coil 10 x 10 ⁶ switching cycles, DC coil 30 x 10 ⁶ switching cycles		

General data

Test button available	No	Mechanical switch position indicator	No
Colour	Transparent	UL 94 flammability rating	V-2

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIa
Creepage and clearance distance input – output	≥ 10 mm	Dielectric strength, Input/Output	5 kV _{eff} / 1 min
Dielectric strength of open contact	1 kV _{eff} / 1 min	Protection degree	IP20

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (CSA)	249409-2426937
Certificate No. (VDE)	40020589	Certificate No. (cURus)	E224238

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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
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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E224238

Downloads

Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format

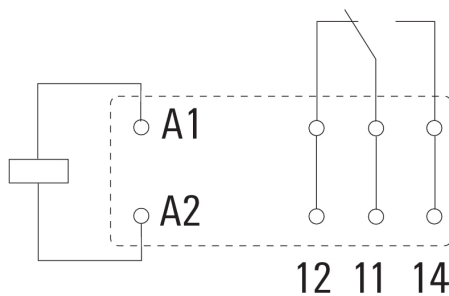
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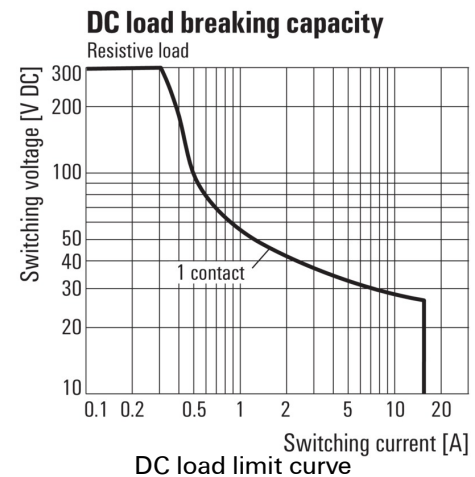
Drawings

Wiring diagram

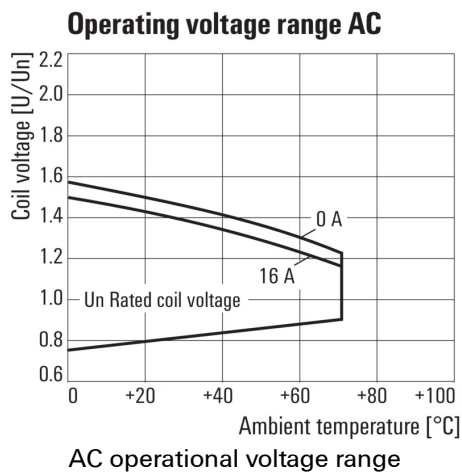


View of Pins from below

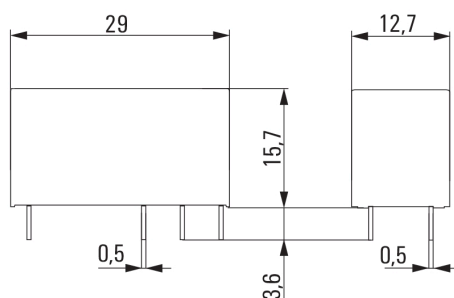
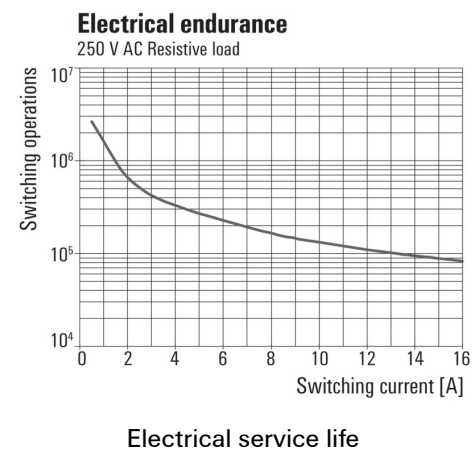
Graph



Graph



Graph

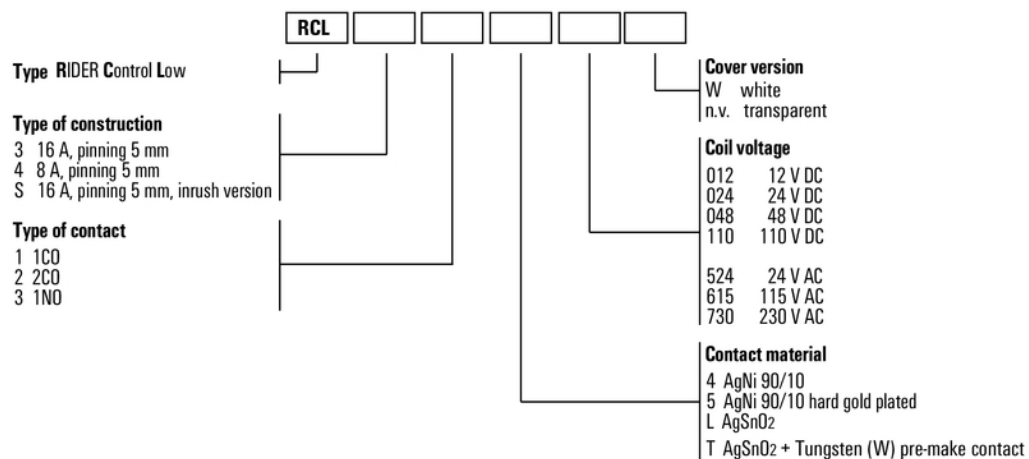


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Drawings
Miscellaneous


Type codes