Data sheet

RCL114615

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: 115 V AC, Continuous current: 12 A, Plug-in connection, Test button available: No
Order No.	8693390000
Type	RCL114615
GTIN (EAN)	4032248364831
Qty.	20 items
Delivery status	This article will no longer be available in the future.
Available until	2026-03-31T00:00:00+02:00

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E522350

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		Humidity	40 °C / 93 % rel. humidity, no condensation

Environmental Product Compliance

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

Rated data UL

Certificate No. (cURus)	E522350

Control side

Rated control voltage	115 V AC	Rated current AC	6.6 mA
Power rating	0.75 VA	Coil resistance	8100 Ω ± 15 %
Status indicator	No		

Load side

Rated switching voltage	250 V AC	Continuous current	12 A
Max. switching frequency at rated load	0.1 Hz	Inrush current	25 A / 4 s
AC switching capacity (resistive), max.	3000 VA	DC switching capacity (resistive), max.	288 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 106switching cycles, DC coil 30 x 106 switching cycles
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	Transparent	UL 94 flammability rating	V-2

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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 kVeff / 1min
Dielectric strength of open contact	1 kVeff / 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)	E522350

Connection data

Wire connection method	Plug-in connection	Pitch in mm (P)	3.50 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		

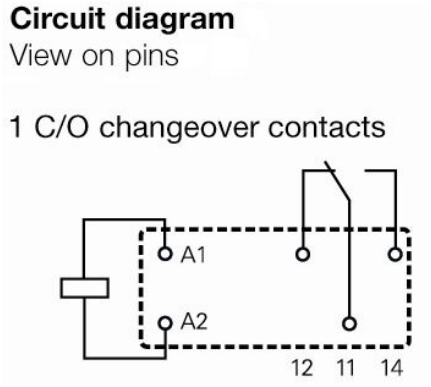
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Drawings

Wiring diagram

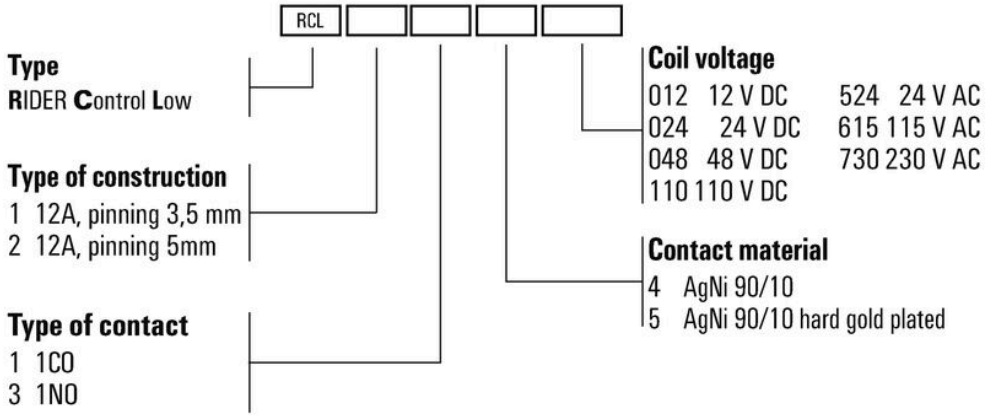


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Drawings

Miscellaneous



Type codes