

RCL114006**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: 6 V DC, Continuous current: 12 A, Plug-in connection, Test button available: No
Order No.	8693400000
Type	RCL114006
GTIN (EAN)	4032248364848
Qty.	20 items
Delivery status	This article will no longer be available in the future.
Available until	2025-06-30T00:00:00+02:00

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
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Control side

Rated control voltage	6 V DC	Rated current DC	66.7 mA
Power rating	400 mW	Coil resistance	90 Ω ± 10 %
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 106 switching 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

Technical data

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIa
Creepage and clearance distance input – ≥ 10 mm output		Dielectric strength, Input/Output	5 kVeff / 1 min
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
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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		

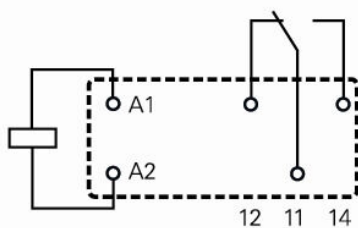
Drawings

Wiring diagram

Circuit diagram

View on pins

1 C/O changeover contacts



Drawings

Miscellaneous

	RCL				
Type RIDER Control Low					
Type of construction 1 12A, pinning 3,5 mm 2 12A, pinning 5mm					
Type of contact 1 1CO 3 1NO					
					Coil voltage 012 12 V DC 524 24 V AC 024 24 V DC 615 115 V AC 048 48 V DC 730 230 V AC 110 110 V DC
					Contact material 4 AgNi 90/10 5 AgNi 90/10 hard gold plated

Type codes

RCL114006

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Counterpart

RCI

General ordering data

Type	SRC-I 1CO	Version
Order No.	8869470000	RIDERSERIES RCI, Relay socket, Number of contacts: 1, CO contact,
GTIN (EAN)	4032248614424	Continuous current: 12 A, Screw connection
Qty.	10 ST	