

**RCL114024T**

**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: 24 V DC, Continuous current: 12 A, Plug-in connection, Test button available: No
Order No.	<a href="#">1989070000</a>
Type	RCL114024T
GTIN (EAN)	4050118383126
Qty.	20 items

## RCL114024T

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## Technical data

## Approvals

Approvals



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...	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
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## Control side

Rated control voltage	24 V DC	Power rating	480 mW
Coil resistance	1440 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	30 x 10 <sup>6</sup> 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		

## Insulation coordination

Rated voltage	400 V	Pollution severity	3
Surge voltage category	III	Creepage and clearance distance input - ≥ 10 mm	output

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## Technical data

Dielectric strength, Input/Output	5 kVeff / 1min	Dielectric strength of open contact	1 kVeff / 1 min
Impulse withstand voltage	4 kV (1.2/50 µs)	Protection degree	IP40 (in plugged condition)

### Further details of approvals / standards

Certificate No. (cURus)	E302101
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### 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		

## Counterpart

### RCI

#### General ordering data

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