

**RIDERSERIES RCL
RCL314024**

Weidmüller Interface GmbH & Co. KG
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www.weidmueller.com



TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

General ordering data

Type	RCL314024
Order No.	8693260000
Version	RIDERSERIES RCL, Relais, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection
GTIN (EAN)	4032248364718
Qty.	20 pc(s).

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Technical data
Dimensions and weights

Width	12.7 mm	Width (inches)	0.5 inch
Height	29 mm	Height (inches)	1.142 inch
Depth	15.7 mm	Depth (inches)	0.618 inch
Net weight	12.8 g		

Temperatures

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

Input

Rated control voltage	24 V DC	Rated current DC	16.7 mA
Power rating	400 mW	Pull-in/drop-out voltage, typ.	16.8 V / 2.4 V DC
Coil resistance	1440 Ω ± 10 %		

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	400 V
Continuous current	16 A	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
Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA	Max. switching frequency at rated load	0.1 Hz

Contact data

No. of contacts	1	Contact design	CO contact
Contact material	AgNi 90/10	Mechanical service life	AC coil 10 x 10 ⁶ Switch. cycles, DC coil 30 x 10 ⁶ Switch. cycles

General data

Version	Relay	UL 94 flammability rating	V-0
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Insulation coordination

Rated voltage	400 V	Creepage and clearance distance input – output	≥ 10 mm
Dielectric strength input – output	5 kV _{eff} / 1min	Dielectric strength of open contact	1 kV _{eff} / 1 min
Protection degree	IP20	Insulating material group	IIIa
Pollution severity	2	Surge voltage category	III

Further details of approvals / standards

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

Connection data

Wire connection method	Plug-in connection	Pitch in mm (P)	5 mm
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