

**RIDERSERIES RCL
RCL424615**

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	RCL424615
Order No.	4058610000
Version	RIDERSERIES RCL, Relay, No. of contacts: 2 CO contact AgNi 90/10, Rated control voltage: 115 V AC, Continuous current: 8 A, Plug-in connection
GTIN (EAN)	4032248191178
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 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	115 V AC	Rated current AC	6.6 mA
Power rating	0.75 VA	Pull-in/drop-out voltage, typ.	86.3 V / 17.3 V AC
Coil resistance	8100 Ω ± 15 %		

Output

Rated switching voltage	250 V AC	Continuous current	8 A
Inrush current	15 A / 4 s	AC switching capacity (resistive), max.	2000 VA
DC switching capacity (resistive), max.	192 W @ 24 V	Switch-on delay	≤ 8 ms
Switch-off delay	≤ 6 ms	Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
Max. switching frequency at rated load	0.1 Hz		

Contact data

No. of contacts	2	Contact design	CO contact
Contact material	AgNi 90/10	Mechanical service life	5 x 10 ⁶ switching cycles

General data

UL 94 flammability rating	V-0
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Insulation coordination

Rated voltage	250 V	Creepage and clearance distance input – output	≥ 10 mm
Dielectric strength input – output	5 kV _{eff} / 1 min	Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 min.
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

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

Connection data

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