



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**RIDERSERIES
RCL424615**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com



Weidmüller RIDERSERIES relays guarantee a noise-free, decoupled signal transmission in industrial automation concepts.

They are available in various forms, are quickly installed, are compact, and can be fitted in the smallest of spaces.

- 1 or 2 NO contacts
- 1, 2, 3 or 4 changeover contacts
- optionally available with hard gold-plated contacts

General ordering data

Order No.	4058610000
Part designation	RCL424615
Version	RIDERSERIES, Relays, No. of contacts: 2, CO contact, Rated control voltage: 115 V AC, Plug-in connection
GTIN (EAN)	4032248191178
Qty.	20 pc(s).

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Technical data

Dimensions

Length	29 mm	Width	12.7 mm
Height	15.7 mm	Weight	13 g

Temperature

Ambient temperature (operational)	-40 °C...+70 °C	Storage temperature	
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Input

Coil resistance	8100 Ω ±15%	Rated voltage	250 V
Rated control voltage	115 V AC	Response / drop-out voltage AC coil	86.3 V / 17.3 V
Rated current AC	6.6 mA	Power rating	0.75 VA
Status indicator	No		

Output

Continuous current	8 A	Sparkover time / Drop-out time	7 ms / 2 ms
Switching voltage AC, max.	250 V	max. switching capacity	2000 VA

Contact data

Contact design	CO contact	No. of contacts	2
Contact material	AgNi 90/10	Mechanical service life	AC coil 5 x 10 ⁶ switching operations DC coil 30 x 10 ⁶ switching cycles

Rated data

Conductor connection system	Plug-in connection	DIN Rail compatibility	TS 35
Flammability class UL 94	V-0	Humidity	40°C / 93% rel. humidity, no condensation

Insulation coordination (EN 50 178)

Clearance and creepage distances for control/load side	≥ 10 mm	Insulating material group	C
Overvoltage category	III	Pollution severity	3
Protection class	IP 20	Protective separation acc. to VDE 0106 part 101	Yes
Rated voltage	250 V		

Other technical data

Free-wheel diode	No	Status indicator	No
Version	Relay		

Approvals

Approvals institutes	CURUS; VDE
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Classifications

ETIM 2.0	EC001437	ETIM 3.0	EC001437
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01

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Drawings

Pinning

Circuit diagram
 View of connections
 Dimensions in mm

2 C/O changeover contacts

