

**RIDERSERIES
RCL424024**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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www.weidmueller.com



Standard relays in the RIDERSERIES RCL

- 2 CO contacts
- Low height of 15.7 mm

General ordering data

Order No.	4058570000
Type	RCL424024
Version	RIDERSERIES, Relays, No. of contacts: 2, CO contact, Rated control voltage: 24 V DC, Plug-in connection
GTIN (EAN)	4032248189298
Qty.	20 pc(s).

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Technical data
Ratings

Conductor connection system	Plug-in connection	Flammability class UL 94	V-0
Humidity	40°C / 93% rel. humidity, no condensation	Weight	13 g

Dimensions

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

Temperatures

Operating temperature	-40 °C...+70 °C	Storage temperature	-20 °C...+85 °C
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Input

Coil resistance	1440 Ω $\pm$ 10%	Power rating	400 mW
Pull-in (sparkover) / drop-out voltage DC coil	16.8 V / 2.4 V	Rated control voltage	24 V DC
Rated current DC	16.7 mA	Status indicator	No

Output

Continuous current	8 A	Max. switching frequency at rated load	0.1 Hz
Max. switching power	2000 VA	Min. switching power	100 mA / 5 V
Rated switching voltage	250 V AC	Switch-off delay	$\leq$ 6 ms
Switch-on delay	$\leq$ 8 ms		

Contact specifications

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

Insulation coordination (EN 50 178)

Clearance and creepage distances for control side - load side	$\geq$ 10 mm	Insulating material group	C
Pollution severity	3	Protection degree	IP 20
Rated voltage	250 V	Surge voltage category	III

Other technical data

Free-wheel diode	No	Status indicator	No
Version	Relay		

Classifications

ETIM 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	40-02-06-14
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01
eClass 7.0	27-37-16-01		

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Approvals

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Drawings**Pinning**

Circuit diagram
View of connections
Dimensions in mm

2 C/O changeover contacts

