

**RIDERSERIES
RCL424024**

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

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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Probability of failure

B10	80.000 AC15: 250Vac/2.5A
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Input

Coil resistance	1440 Ω ±10%	Coil voltage Config PA	24 V DC
Power rating	500 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 power	2000 VA
Max. switching voltage, AC	250 V	Sparkover time / Drop-out time	7 ms / 2 ms

Contact data

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

Rated data

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

Insulation coordination (EN 50 178)

Clearance and creepage distances for control side - load side	≥ 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		

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Technical data**Classifications**

ETIM 2.0	EC001437	ETIM 3.0	EC001437
ETIM 4.0	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		

Approvals

Approvals	CURUS; VDE
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Drawings

Pinning

Circuit diagram
 View of connections
 Dimensions in mm

2 C/O changeover contacts

