

**RIDERSERIES
RCL424524**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Standard relay within the RIDERSERIES RCL

- 2 CO contacts
- optionally: AC or DC coils

General ordering data

Type	RCL424524
Order No.	405860000
Version	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 24 V AC, Continuous current: 8 A, Plug-in connection
GTIN (EAN)	4032248189335
Qty.	20 pc(s).

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Technische Daten

Dimensions and weights

Width	12.7 mm	Height	29 mm
Depth	15.7 mm	Weight	13 g
Net weight	17 g		

Temperatures

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

Input

Coil resistance	350 Ω ± 10 %	Pull-inrop-out current, typ.	
Rated control voltage	24 V AC	Rated current AC	31.6 mA
Power rating	0.75 VA	Pull-inrop-out voltage, typ.	18 V / 3.6 V AC

Output

Rated switching voltage	250 V AC	Continuous current	8 A
Inrush current	15 A / 4 s	Schaltleistung AC (ohmsch), max.	2000 VA @ 250 V
Schaltleistung DC (ohmsch), max.	192 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	2	Contact design	CO contact
Contact material	AgNi 90/10	Mechanical service life	AC coil 5 x 10 ⁶ Switching cycles, DC coil 30 x 10 ⁶ Switching cycles

General data

Wire connection method	Plug-in connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Weight	13 g	UL 94 flammability rating	V-0

Insulation coordination

Creepage and clearance distance input – output	≥ 10 mm	Dielectric strength input – output	5 kV _{eff}
Rated voltage	250 V	Protection degree	IP 20
Insulating material group	IIIa	Pollution severity	2
Surge voltage category	III		

Other technical data

Version	Relay
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Further details of approvals / standards

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

Datenblatt

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Connection data

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

ETIM 3.0	EC001437	UNSPSC	30-21-19-17
eClass 5.1	27-37-16-01	eClass 6.2	27-37-16-01
eClass 7.1	27-37-16-01		

Approvals

Approvals



ROHS Conform

Downloads

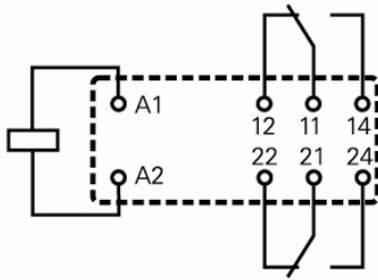
Declaration of Conformity [K295_02_13.pdf](#)

Pinning

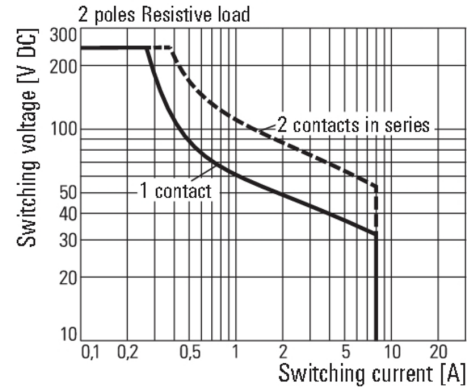
Circuit diagram

View on pins

2 C/O changeover contacts



DC load breaking capacity



Electrical endurance

250 V AC Resistive load

