RIDERSERIES
RCL424730

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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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.	4058630000
Part designation	RCL424730
Version	RIDERSERIES, Relays, No. of contacts: 2, CO contact, Rated control voltage: 230 V AC, Plug-in connection
GTIN (EAN)	4032248252510
Qty.	20 pc(s).

Datasheet

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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	

Probability of failure

B10	65.000 AC15: 250Vac/2.5A

Input

Coil resistance	32500 Ω ±15%	Rated voltage	250 V
Rated control voltage	230 V AC	Response / drop-out voltage AC coil	172.5 V / 34.5 V
Rated current AC	3.2 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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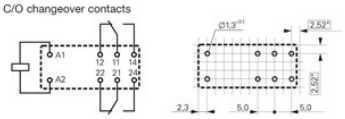
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Drawings

Pinning

Circuit diagram
View of connections
Dimensions in mm

2 C/O changeover contacts



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1127570000 1289470000 1786450000 1124150000 1609820000 1649300000 1906650000 2642470000
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