

**RIDERSERIES
RCMKITP-I 24VAC 4CO LD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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Modular system comprised of:

- relay socket for rail mounting
- LED indicator unit
- retaining clip
- plug-in relay
- markers

General ordering data

Type	RCMKITP-I 24VAC 4CO LD
Order No.	8921130000
Version	RIDERSERIES, Relays, No. of contacts: 4, CO contact with test button, AgNi 90/10, Rated control voltage: 24 V AC, Continuous current: 6 A, PUSH IN spring connection
GTIN (EAN)	4032248692347
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	28 mm	Height	98 mm
Depth	79 mm	Net weight	108.4 g

Temperatures

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

Input

Rated control voltage	24 V AC	Rated current AC	41.6 mA
Coil resistance	192 Ω ± 10 %	Power rating	1.0 VA
Response drop-out voltage AC coil	19.2 V / 7.2 V	Status indicator	red LED

Output

Rated switching voltage	240 V AC	Max. switching voltage, AC	240 V
Continuous current	6 A	Inrush current	12 A / 20 ms
Max. switching power	1500 VA	Switch-on delay	≤ 15 ms
Switch-off delay	≤ 10 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 specifications

No. of contacts	4	Contact design	CO contact with test button
Contact material	AgNi 90/10	Mechanical service life	AC coil 20 x 10 ⁶ Switching cycles, DC coil 30 x 10 ⁶ Switching cycles

general data

Test button	Yes	Wire connection method	PUSH IN spring connection
Humidity	40 °C / 93 % rel. humidity, no condensation	UL 94 flammability rating	V-0

Insulation coordination

Creepage and clearance distance input – output	≥ 4 mm	Dielectric strength input – output	2.5 kV _{eff}
Dielectric strength, contact contact	2 kV _{eff}	Rated voltage	250 V
Impulse withstand voltage	5 kV (1.2/50 µs)	Protection degree	IP 20
Insulating material group	IIIa	Pollution severity	2
Surge voltage category	III		

Other technical data

Version	with test button	Status indicator	red LED
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Further details of approvals / standards

Standards	DIN EN 50178
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Creation date October 28, 2013 4:40:16 AM CET

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Technical data**Connection data**

Clamping range, rated connection	2.5 mm ²	Clamping range, rated connection, max.	1.5 mm ²
Clamping range, rated connection, min.	0.75 mm ²	Stripping length, rated connection	12 mm
Wire connection method	PUSH IN spring connection		

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	K318_09_09.pdf
EPLAN	8921130000.ema
3-D model	

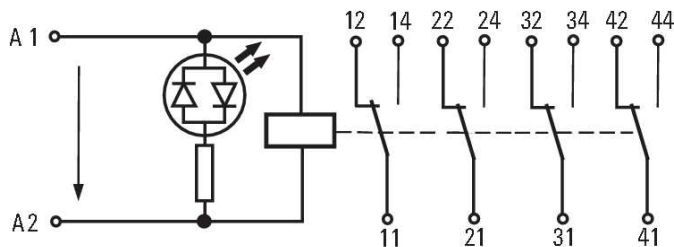
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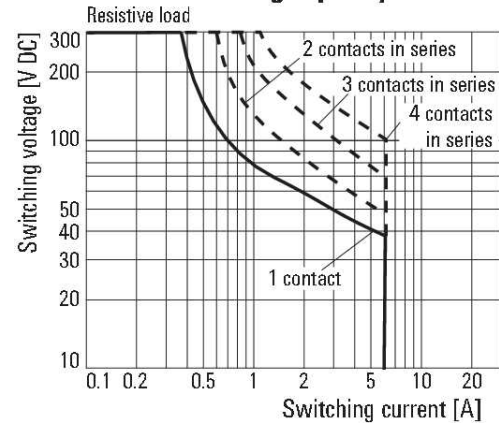
Drawings

Electric symbol

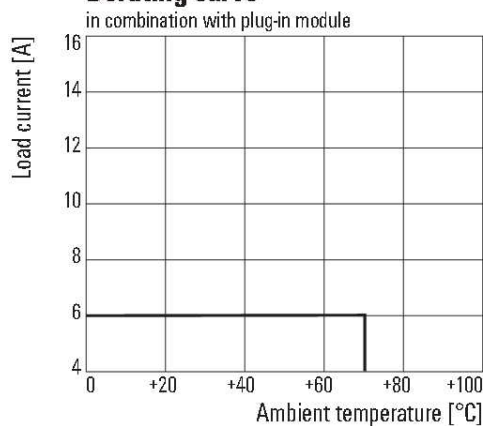
AC-Version



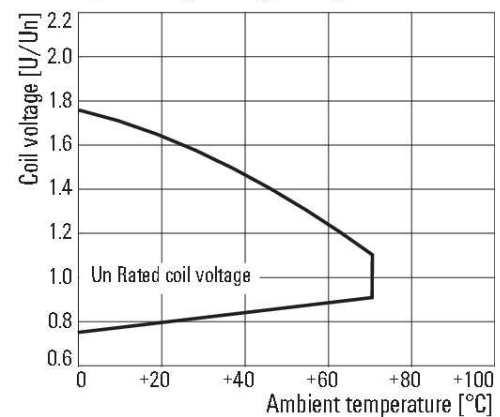
DC load breaking capacity



Derating curve



Operating voltage range AC



Electrical endurance

