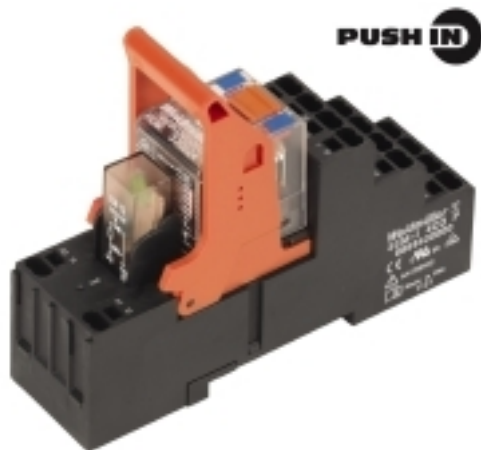


**RIDERSERIES
RCMKITP-I 24VDC 4CO LD**

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



Modular system comprised of:

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

General ordering data

Type	RCMKITP-I 24VDC 4CO LD
Order No.	8921120000
Version	RIDERSERIES, Relays, No. of contacts: 4, CO contact with test button, AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 6 A, PUSH IN spring connection
GTIN (EAN)	4032248692330
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	28 mm	Height	98 mm
Depth	79 mm	Net weight	96.45 g

Temperatures

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

Input

Protective circuit	Integrated free-wheel diode	Rated control voltage	24 V DC
Rated current DC	31.3 mA	Coil resistance	777 Ω ± 10 %
Power rating	740 mW	Pull-in (sparkover) drop-out voltage DC coil	18.0 V / 2.4 V
Status indicator	Green 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 data

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	Protective circuit	Integrated free-wheel diode
Status indicator	Green LED	Free-wheel diode	Yes

Creation date February 2, 2014 3:23:49 PM CET

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Technical data**Further details of approvals / standards**

Standards	DIN EN 50178
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Connection data

Clamping range, rated connection	1.5 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
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Downloads

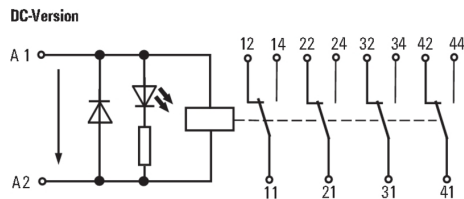
Declaration of Conformity	K318_09_09.pdf
EPLAN	8921120000.ema
3-D model	

RIDERSERIES RCMKITP-I 24VDC 4CO LD

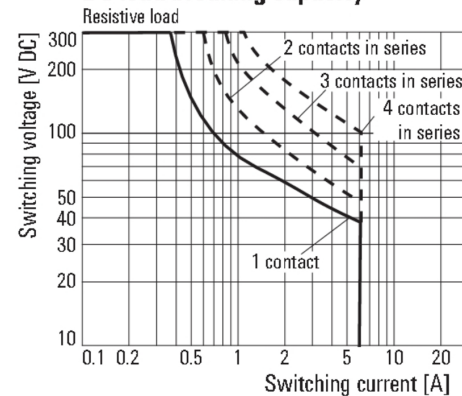
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Drawings

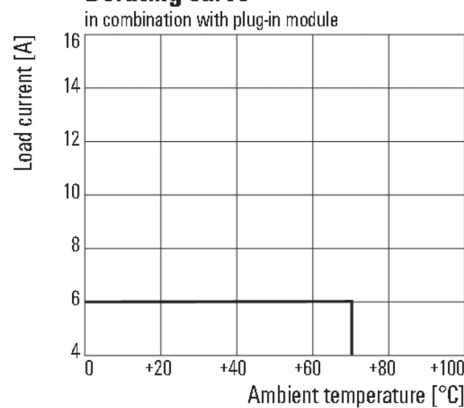
Electric symbol



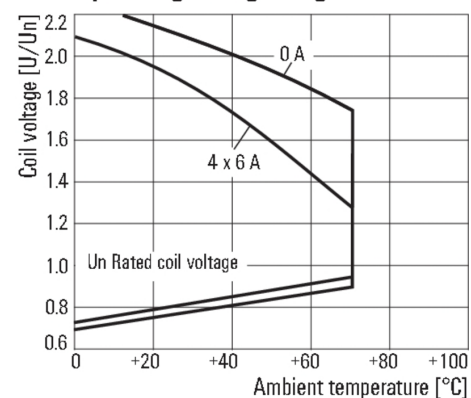
DC load breaking capacity



Derating curve



Operating voltage range DC



Electrical endurance

