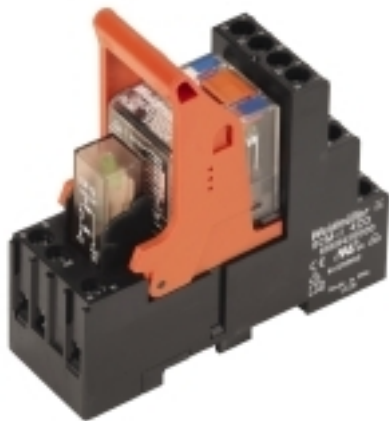


RIDERSERIES RCMKIT-I 24VDC 4CO LD

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	RCMKIT-I 24VDC 4CO LD
Order No.	8921030000
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, Screw connection
GTIN (EAN)	4032248692279
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Width	28 mm	Height	77 mm
Depth	79 mm	Net weight	99.9 g

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature	-40 °C...70.000000 °C
Storage temperature	-40 °C...70.000000 °C		

Input

Rated control voltage	24 V DC	Rated current DC	31.3 mA
Power rating	740 mW	Pull-in/drop-out voltage, typ.	18 V / 2.4 V DC
Coil resistance	777 Ω ± 10 %	Protective circuit	Integrated free-wheel diode
Status indicator	Green LED		

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	240 V
Continuous current	6 A	Inrush current	12 A / 20 ms
AC switching capacity (resistive), max.	1500 VA	DC switching capacity (resistive), max.	144 W @ 24 V
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

Version	with test button	Test button	Yes
UL 94 flammability rating	V-0		

Insulation coordination

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

Further details of approvals / standards

Certificate No. (CSA)	249409-2426937	Certificate No. (GERMLLOYD)	54702-08
Standards	DIN EN 50178		

Data sheet

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Technical data

Connection data

Wire connection method	Screw connection	Tightening torque, min.	0.5 Nm
Tightening torque, max.	0.7 Nm	Clamping range, rated connection	2.5 mm ²
Clamping range, rated connection, min.	0.5 mm ²	Clamping range, rated connection, max.	2.5 mm ²
Stripping length, rated connection	8 mm		

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

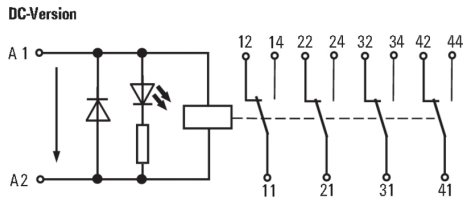
Declaration of Conformity	K318_09_09.pdf
EPLAN	8921030000.ema
3-D model	

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

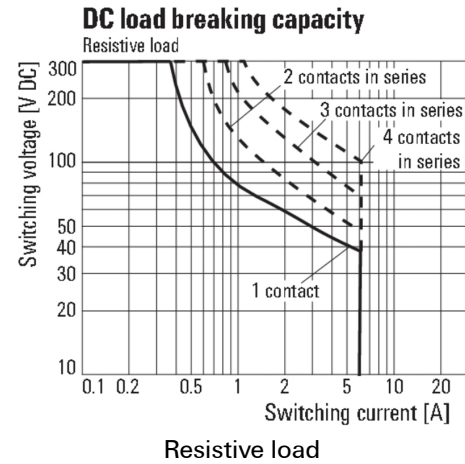
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Drawings

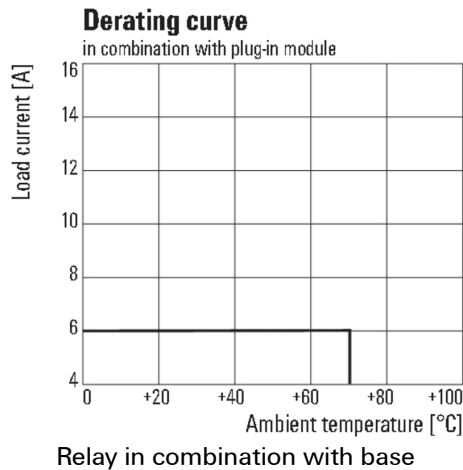
Wiring diagram



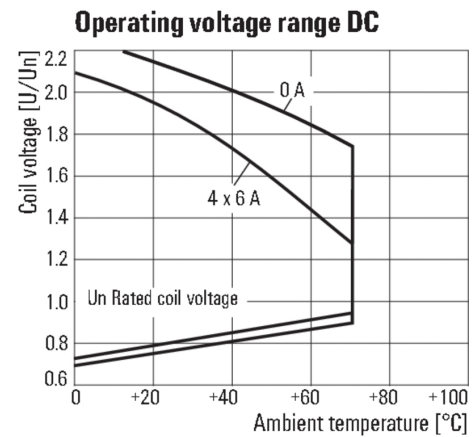
DC load limit curve



Derating curve



DC operational voltage range



Electrical service life

