

RIDERSERIES RCM RCMKIT 230VAC 4CO LED RT

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

Product image



Similar to illustration

Modular system comprised of:

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

General ordering data

Type	RCMKIT 230VAC 4CO LED RT
Order No.	7940007118
Version	RIDERSERIES RCM, Relays, No. of contacts: 4 CO contact with test button AgNi 90/10, Rated control voltage: 230 V AC, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248474738
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Width	27 mm	Width (inches)	1.063 inch
Height	82 mm	Height (inches)	3.228 inch
Depth	79 mm	Depth (inches)	3.11 inch
Net weight	110.9 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Rated control voltage	230 V AC	Rated current AC	4.3 mA
Power rating	1.0 VA	Pull-in/drop-out voltage, typ.	184 V / 69 V AC
Coil resistance	19465 Ω ± 15 %	Status indicator	red LED
Protective circuit	Free-wheeling diode		

Output

Rated switching voltage	240 V AC	Max. switching voltage, AC	240 V
Continuous current	6 A	Inrush current	12 A / 20 ms
Switch-on delay	≤ 15 ms	Switch-off delay	≤ 10 ms
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V	Max. switching frequency at rated load	0.1 Hz

Contact data

Contact type	4 CO contact with test button (AgNi 90/10)	Mechanical service life	AC coil 20 x 10 ⁶ switching cycles, DC coil 30 x 10 ⁶ switching cycles
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General data

Rail	TS 35	Test button	yes (lockable)
Mechanical switch position indicator	Yes	Colour	black
UL 94 flammability rating	V-2		

Insulation coordination

Rated voltage	240 V	Surge voltage category	III
Pollution severity	2	Protection degree	IP20
Dielectric strength, Input/Output	2.5 kV _{eff} / 1 Min.	Creepage and clearance distance input - output	≥ 4 mm
Dielectric strength of open contact	1.2 kV _{eff} / 1 min.	Impulse withstand voltage	5 kV (1.2/50 μs)

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

Standards	DIN EN 50178	Certificate no. (CSA) relay	249409-2426937
Certificate no. (cURus) relay	E224238	Certificate no. (cURus) base	E223759

Connection data

Wire connection method	Screw connection	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²
Blade size	size PH1		

Classifications

ETIM 3.0	EC001437	ETIM 4.0	EC001437
ETIM 5.0	EC001437	ETIM 6.0	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
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

Approvals

Approvals



ROHS

Conform

Downloads

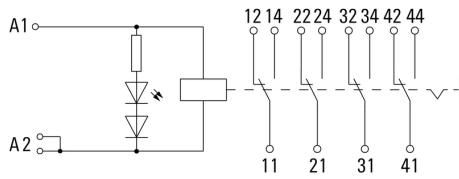
Approval/Certificate/Document of Conformity	DE_PA5600_160414_004.pdf
Engineering Data	EPLAN.WSCAD

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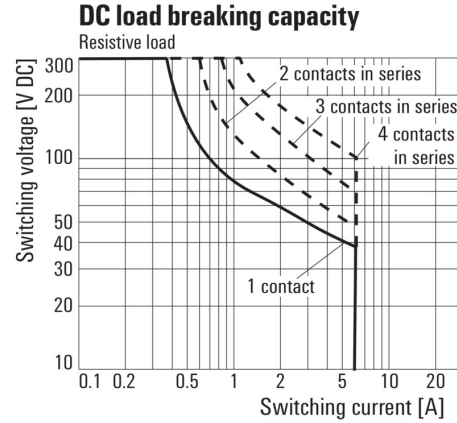
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Drawings

Wiring diagram

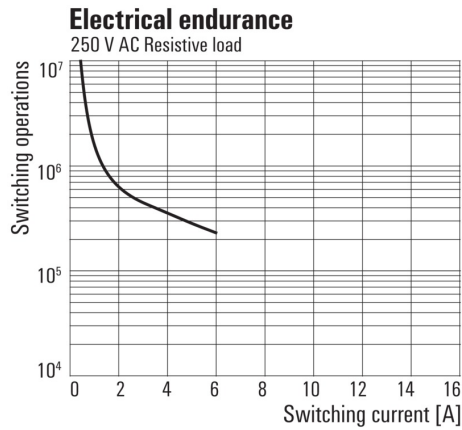


Graph



DC load limit curve
Resistive load

Graph



Electrical service life
250 V AC resistive load