

**RIDERSERIES
RCMKIT 115VAC 4CO LEDRT****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 115VAC 4CO LEDRT
Order No.	8810150000
Version	RIDERSERIES, Relays, No. of contacts: 4, CO contact with test button, AgNi 90/10, Rated control voltage: 115 V AC, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248509676
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Width	27 mm	Height	82 mm
Depth	79 mm	Net weight	111.7 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	115 V AC
Rated current AC	8.8 mA	Coil resistance	4,845 $\Omega \pm 12\%$
Power rating	1.0 VA	Response drop-out voltage AC coil	92 V / 34.5 V
Status indicator	red LED		

Output

Max. switching voltage, AC	250 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	Screw 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}
Rated voltage	240 V	Impulse withstand voltage	5 kV (1.2/50 μ s)
Protection degree	IP 20	Pollution severity	2
Surge voltage category	III		

Other technical data

Version	Relay coupler	Protective circuit	Integrated free-wheel diode
Status indicator	red LED	Free-wheel diode	Yes

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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	2.5 mm ²	Clamping range, rated connection, max.	2.5 mm ²
Clamping range, rated connection, min.	0.5 mm ²	Wire connection method	Screw 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	K271_04_10.pdf
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Drawings

