

**RIDERSERIES
RCIKIT 115VAC 1CO LD/PB**

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	RCIKIT 115VAC 1CO LD/PB
Order No.	8897060000
Version	RIDERSERIES, Relays, No. of contacts: 1, CO contact with test button, AgNi 90/10, Rated control voltage: 115 V AC, Continuous current: 16 A ⁽¹⁾ , Screw connection
GTIN (EAN)	4032248646845
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	15.5 mm	Height	77 mm
Depth	70 mm	Net weight	63.3 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	115 V AC	Rated current AC	7 mA
Coil resistance	8,100 $\Omega \pm 15\%$	Power rating	0.8 VA
Response drop-out voltage AC coil	86.3 V / 17.3 V	Status indicator	red LED

Output

Rated switching voltage	240 V AC	Max. switching voltage, AC	400 V
Continuous current	16 A ⁽¹⁾	Inrush current	30 A / 4 s
Max. switching power	4000 VA	Switch-on delay	≤ 8 ms
Switch-off delay	≤ 6 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	1	Contact design	CO contact with test button
Contact material	AgNi 90/10	Mechanical service life	AC coil 5 x 10 ⁶ Switching cycles, DC coil 10 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	≥ 8 mm	Dielectric strength input – output	5 kV _{eff}
Rated voltage	250 V	Impulse withstand voltage	5 kV (1.2/50 μ s)
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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Technical data

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	Stripping length, rated connection	8 mm
Tightening torque, max.	0.7 Nm	Tightening torque, min.	0.5 Nm
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		

Product information

Descriptive text technical data	1) For full continuous current (16 A), relay connections 11 - 21, 12 - 22 and 14 - 24 must be bridged.
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Approvals

Approvals



ROHS	Conform
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Downloads

Declaration of Conformity	K315_07_09.pdf
EPLAN	8897060000.ema
3-D model	

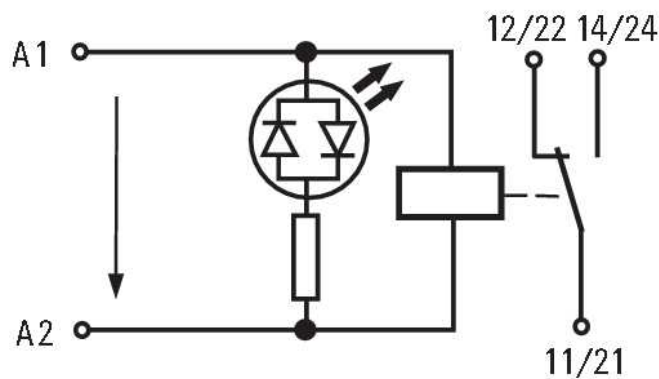
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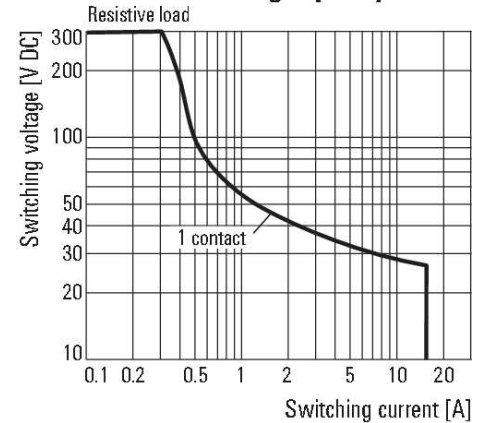
Drawings

Electric symbol

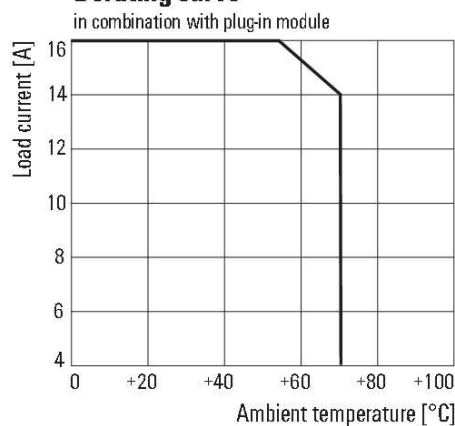
AC-Version



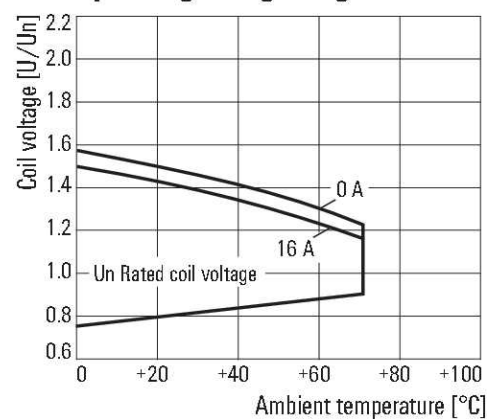
DC load breaking capacity



Derating curve

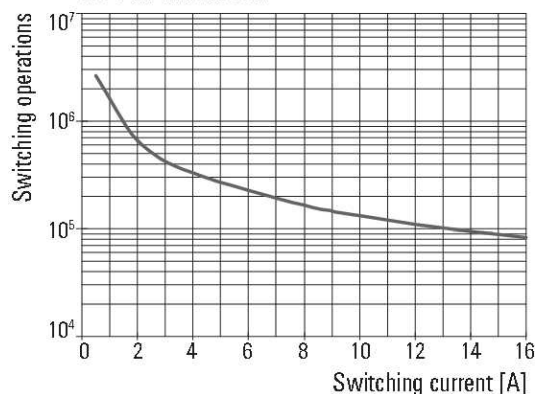


Operating voltage range AC



Electrical endurance

250 V AC Resistive load



Removal of snap lock

