

RCIKIT 115VAC 2CO LD/PB**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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Product image

Similar to illustration

- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- 2 CO contacts
- Optional test button with mechanical status indicator
- Bright status LED (AC coil: red / DC coil: green)
- Identification of coils (AC red / DC blue)

General ordering data

Version	RIDERSERIES RCI, Relay module, Number of contacts: 2, CO contact AgNi, Rated control voltage: 115 V AC, Continuous current: 8 A, Screw connection, Test button available: Yes
Order No.	8897080000
Type	RCIKIT 115VAC 2CO LD/PB
GTIN (EAN)	4032248646852
Qty.	10 pc(s).
Relevant base	8869490000
Relevant relay	8870360000

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Technical data

Dimensions and weights

Depth	70.2 mm	Depth (inches)	2.764 inch
Height	77 mm	Height (inches)	3.031 inch
Width	15.8 mm	Width (inches)	0.622 inch
Net weight	61.2 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Control side

Rated control voltage	115 V AC	Rated current AC	9.2 mA
Power rating	1058 mVA	Pull-in/drop-out voltage, typ.	86.3 V / 17.3 V AC
Coil resistance	8100 $\Omega \pm 15\%$	Coil tolerance	15 %
Status indicator	red LED		

Load side

Rated switching voltage	250 V AC	Continuous current	8 A
Max. switching frequency at rated load	0.1 Hz	Inrush current	15 A / 4 s
AC switching capacity (resistive), max.	2000 VA	DC switching capacity (resistive), max.	192 W @ 24 V
Switch-on delay	≤ 10 ms	Switch-off delay	≤ 6 ms
Contact type	2 CO contact (AgNi)	Mechanical service life	AC coil 5×10^6 switching cycles, DC coil 10×10^6 switching cycles
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V		

General data

Rail	TS 35	Test button available	Yes
Version of test button	lockable, just when removing the detend lock, Momentary test button	Mechanical switch position indicator	Yes
Colour	black		

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIa
Clearance and creepage distances for control side - load side	≥ 8 mm	Dielectric strength for control side - load side	5 kV _{eff} / 1 min
Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.	Dielectric strength of open contact	1 kV _{eff} / 1 min
Impulse withstand voltage	5 kV (1.2/50 μ s)	Protection degree	IP20

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Certificate No. (DNVGL) TAA000011A

Certificate no. (cURus) base E223759

Further details of approvals / standards

Standards	IEC 61810-1
Certificate no. (CSA) base	249409-2295474
Certificate no. (cURus) relay	E224238

Certificate no. (CSA) relay	249409-2426937
Certificate No. (DNVGL)	TAA000011A
Certificate no. (cURus) base	E223759

Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.7 Nm
Clamping range, rated connection	2.5 mm ²	Clamping range, min.	1 mm ²
Clamping range, max.	2.5 mm ²	Wire cross-section, solid, min.	1 mm ²
Wire cross-section, solid, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	1 mm ²
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	1 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm ²	Wire connection cross section, finely stranded, two clampable wires, min.	1 mm ²
Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²	Blade size	size PZ1

Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ECLASS 9.0	27-37-16-01
ECLASS 9.1	27-37-16-01	ECLASS 10.0	27-37-16-01
ECLASS 11.0	27-37-16-01	ECLASS 12.0	27-37-16-01

Important note

Product information	IP20 without connected conductor at complete opened clamping yoke connection.
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Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Product Change Notification	20220511 Product consolidation RIDERSERIES RCI KITS 20220511 Produktkonsolidierung RIDERSERIES RCI KITS
Catalogues	Catalogues in PDF-format
Brochures	

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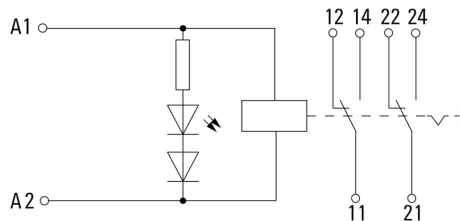
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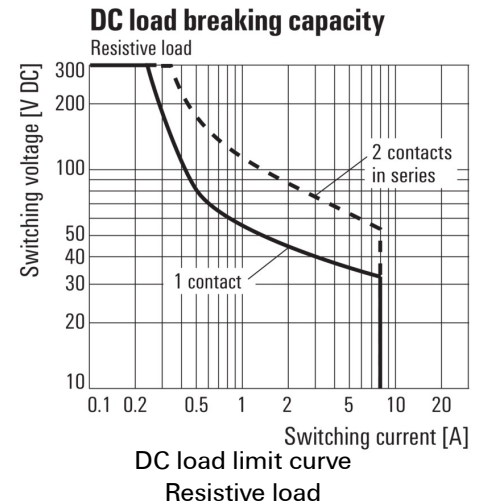
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Drawings

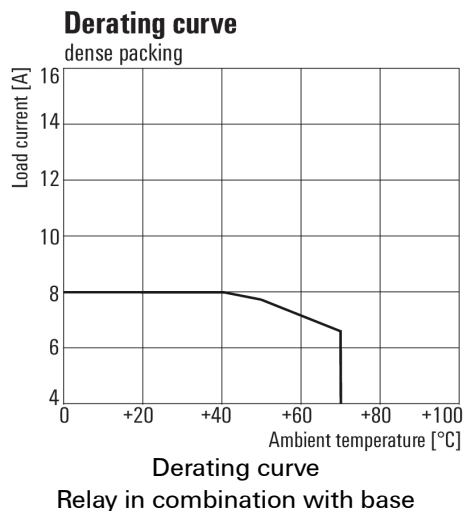
Wiring diagram



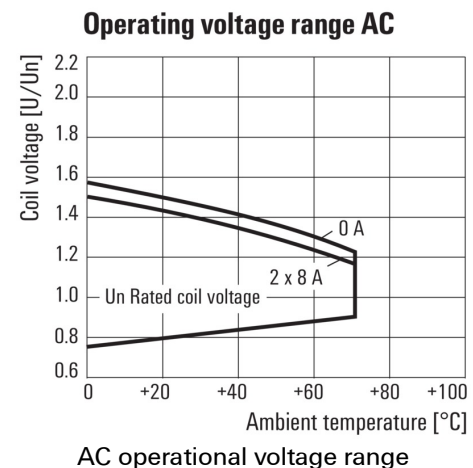
Graph



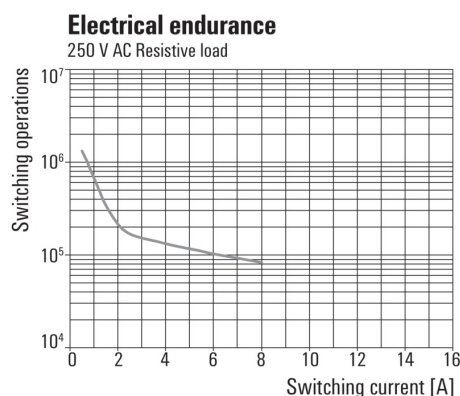
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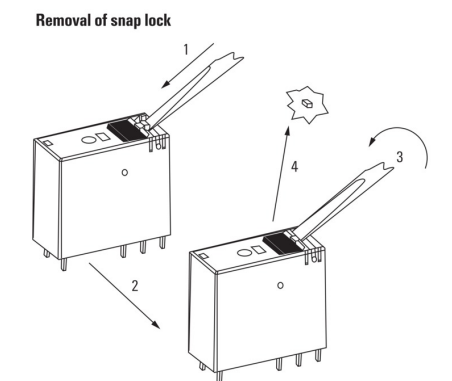
Graph



Graph



Dimensional drawing



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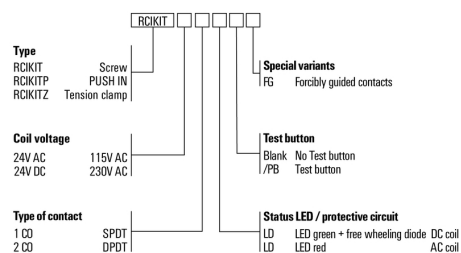
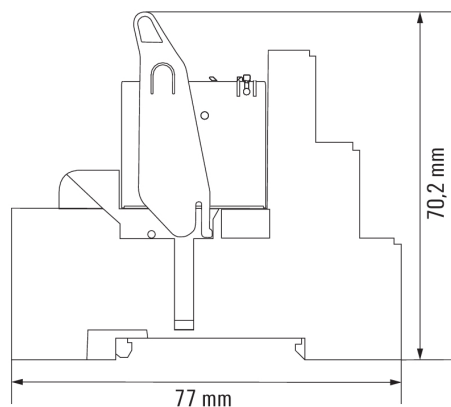
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Drawings

Dimensional drawing



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