

RCIKIT230VAC 2COL/PB MC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

General ordering data

Version	RIDERSERIES RCI, Relay module, Number of contacts: 2, CO contact with test button AgNi, Rated control voltage: 230 V AC, Continuous current: 8 A, Screw connection, Test button available: Yes
Order No.	2028940000
Type	RCIKIT230VAC 2COL/PB MC
GTIN (EAN)	4050118406962
Qty.	10 pc(s).
Relevant relay	8870370000
Relevant base	8869490000

Creation date September 2, 2022 3:11:43 PM CEST

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Technical data

Dimensions and weights

Depth	61.5 mm	Depth (inches)	2.421 inch
Height	77 mm	Height (inches)	3.031 inch
Width	15.8 mm	Width (inches)	0.622 inch
Net weight	60 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	230 V AC	Rated current AC	4.4 mA
Power rating	1012 mVA	Pull-in/drop-out voltage, typ.	172.5 V / 34.5 V AC
Coil resistance	32500 $\Omega \pm 15\%$	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 with test button (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

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

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIa
Creepage and clearance distance input – output	≥ 8 mm	Dielectric strength, Input/Output	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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Technical data

Further details of approvals / standards

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

Certificate no. (CSA) base	249409-2295474
Certificate no. (cURus) relay	E224238

Connection data

Wire connection method	Screw connection
Tightening torque, min.	0.5 Nm
Clamping range, rated connection	2.5 mm ²
Clamping range, max.	2.5 mm ²
Wire cross-section, solid, max.	2.5 mm ²

Wire connection cross section, finely stranded, max.	2.5 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²
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Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm ²
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Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²
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Stripping length, rated connection	8 mm
Tightening torque, max.	0.7 Nm

Clamping range, min.	1 mm ²
Wire cross-section, solid, min.	1 mm ²

Wire connection cross section, finely stranded, min.	1 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1 mm ²
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Conductor cross-section, flexible, AEH (DIN 46228-1), min.	1 mm ²
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Wire connection cross section, finely stranded, two clampable wires, min.	1 mm ²
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Blade size	size PZ1
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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

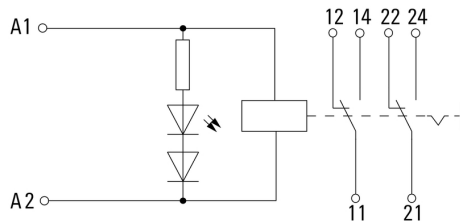
Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Product Change Notification	20220511 Product consolidation RIDERSERIES RCI KITS 20220511 Produktkonsolidierung RIDERSERIES RCI KITS
Catalogues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

RCIKIT230VAC 2COL/PB MC

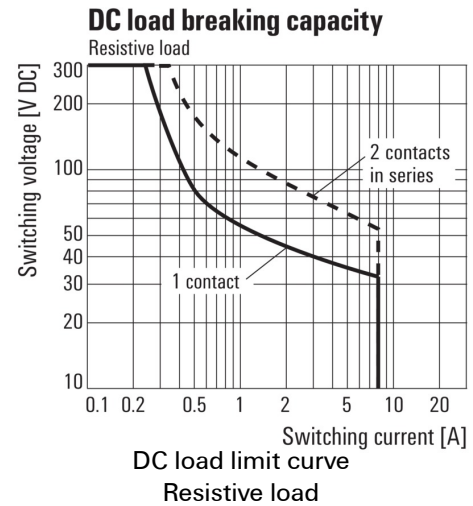
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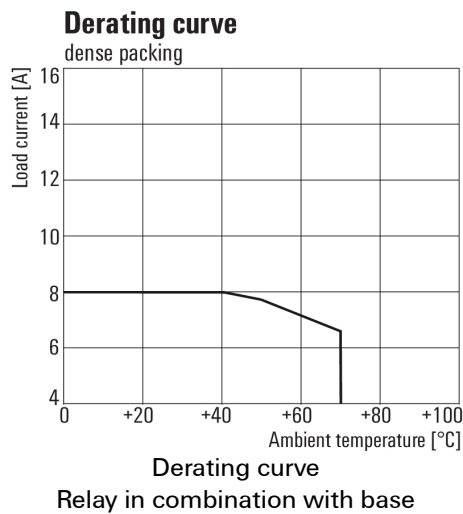
Drawings



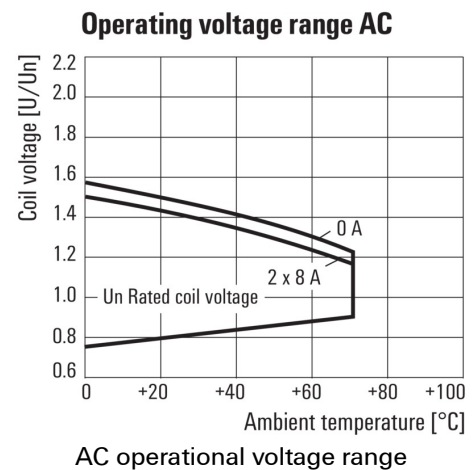
Graph



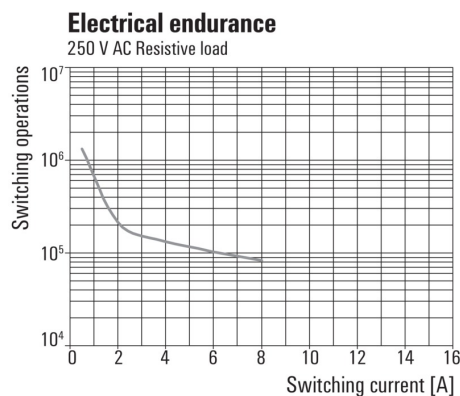
Graph



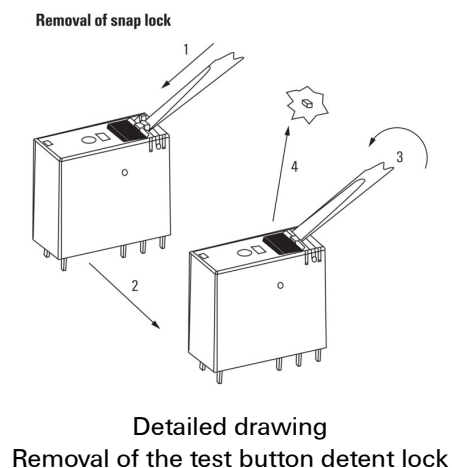
Graph



Graph



Dimensional drawing



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