

## RCMKIT-I 230VAC 2CO LD

Weidmüller Interface GmbH &amp; Co. KG

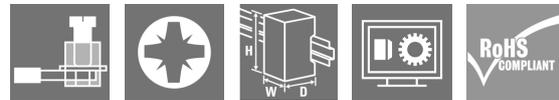
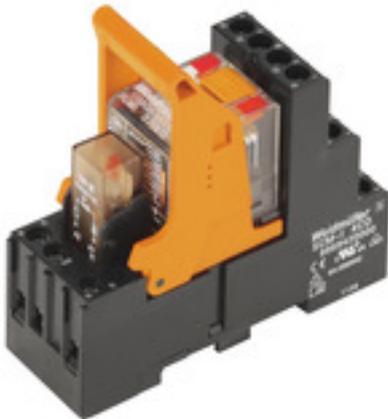
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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 RCM, Relay module, Number of contacts: 2, CO contact AgNi, Rated control voltage: 230 V AC, Continuous current: 12 A, Screw connection, Test button available: Yes
Order No.	<a href="#">8920970000</a>
Type	RCMKIT-I 230VAC 2CO LD
GTIN (EAN)	4032248692224
Qty.	10 pc(s).
Delivery status	<b>This article will no longer be available in the future.</b>
Available until	2026-01-31
Relevant base	<a href="#">8869400000</a>
Relevant relay	<a href="#">8689820000</a>
Relevant rim module	<a href="#">8869650000</a>

Creation date June 13, 2025 2:13:21 AM CEST

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## Technical data

## Dimensions and weights

Depth	78.3 mm	Depth (inches)	3.083 inch
Height	77 mm	Height (inches)	3.031 inch
Width	27.2 mm	Width (inches)	1.071 inch
Net weight	87.3 g		

## Temperatures

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

## Control side

Rated control voltage	230 V AC	Rated current AC	5.7 mA
Power rating	1.31 VA	Coil resistance	19465 Ω ± 15 %
Status indicator	red LED		

## Load side

Rated switching voltage	240 V AC	Continuous current	12 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
Inrush current	24 A / 20 ms	AC switching capacity (resistive), max.	3000 VA
DC switching capacity (resistive), max.	288 W @ 24 V	Switch-on delay	≤ 15 ms
Switch-off delay	≤ 10 ms	Contact type	2 CO contact (AgNi)
Mechanical service life	AC coil 20 x 10 <sup>6</sup> switching cycles, DC coil 30 x 10 <sup>6</sup> 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 test button, Mo- mentary 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	≥ 4 mm	Dielectric strength for control side - load side	2.5 kV <sub>eff</sub> / 1 Min.
Dielectric strength of neighbouring con- tacts	2.5 kV <sub>eff</sub> / 1 Min.	Dielectric strength of open contact	1.2 kV <sub>eff</sub> / 1 min.
Impulse withstand voltage	5 kV (1.2/50 μs)	Protection degree	IP20

## Further details of approvals / standards

Certificate No. (CSA)	249409-2426937	Certificate no. (CSA) relay	249409-2426937
Certificate no. (CSA) base	249409-2295474	Certificate No. (DNV)	TAA000011A
Certificate no. (cURus) relay	E522350	Certificate no. (cURus) base	E223759

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## 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 <sup>2</sup>	Clamping range, min.	1 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>	Wire cross-section, solid, min.	1 mm <sup>2</sup>
Wire cross-section, solid, max.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	1 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	1 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, two clampable wires, min.	1 mm <sup>2</sup>
Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm <sup>2</sup>	Blade size	size PZ1

## Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	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
ECLASS 13.0	27-37-16-01	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Important note

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

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a>
ROHS	Conform

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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Catalogue status 07.06.2025 / We reserve the right to make technical changes.

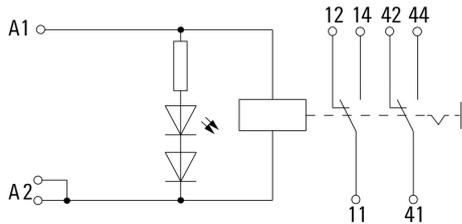
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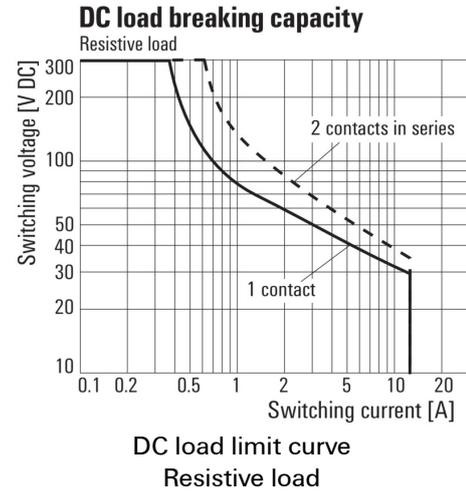
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**Drawings**

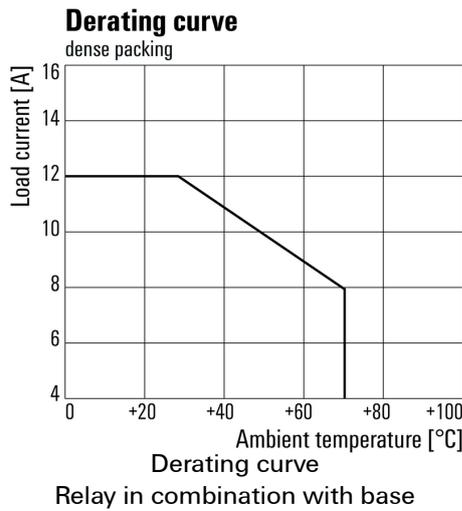
**Wiring diagram**



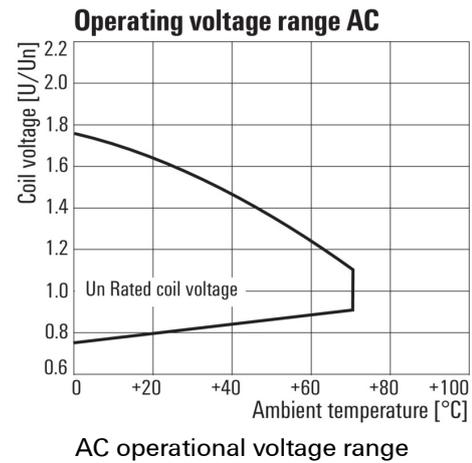
**Graph**



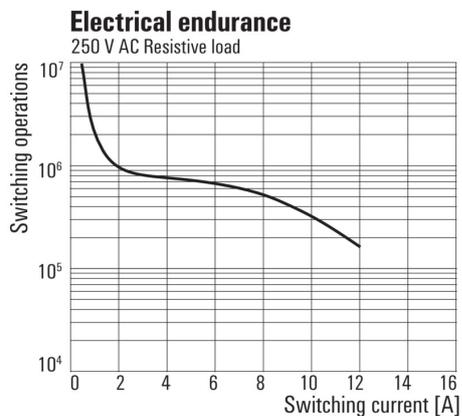
**Graph**



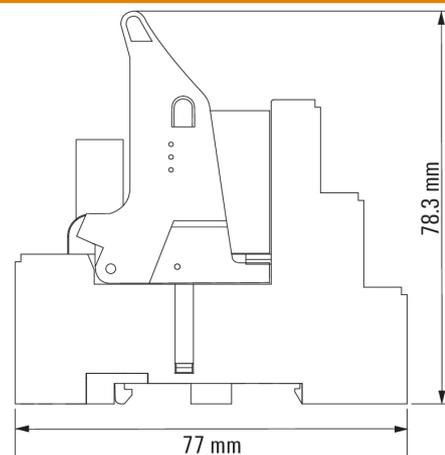
**Graph**



**Graph**



**Dimensional drawing**



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