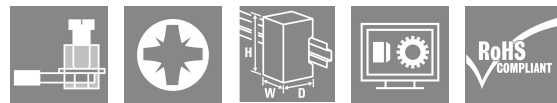
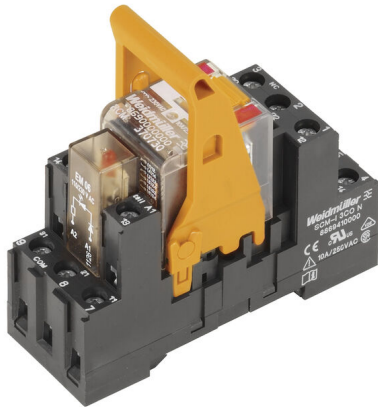


RCMKIT-I 24VAC 3CO LD**Weidmüller Interface GmbH & Co. KG**

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
- 3 CO contacts
- 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: 3, CO contact AgNi, Rated control voltage: 24 V AC, Continuous current: 10 A, Screw connection, Test button available: Yes
Order No.	8920990000
Type	RCMKIT-I 24VAC 3CO LD
GTIN (EAN)	4032248692248
Qty.	10 items
Delivery status	This article will no longer be available in the future.
Available until	2025-12-31T00:00:00+01:00

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	71.6 mm	Depth (inches)	2.8189 inch
Height	73.5 mm	Height (inches)	2.8937 inch
Width	27.2 mm	Width (inches)	1.0709 inch
Net weight	81.84 g		

Temperatures

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

Environmental Product Compliance

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

Control side

Rated control voltage	24 V AC	Rated current AC	55 mA
Power rating	1.32 VA	Coil resistance	192 Ω ± 10 %
Status indicator	red LED		

Load side

Rated switching voltage	240 V AC	Continuous current	10 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
Inrush current	20 A / 20 ms	AC switching capacity (resistive), max.	2500 VA
DC switching capacity (resistive), max.	240 W @ 24 V	Switch-on delay	≤ 15 ms
Switch-off delay	≤ 10 ms	Contact type	3 CO contact (AgNi)
Mechanical service life	AC coil 20 x 106 switching cycles, DC coil 30 x 106 switching cycles	Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V

General data

Mounting rail	TS 35	Test button available	Yes
Version of test button	Lockable test button, 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	≥ 4 mm	Dielectric strength for control side - load side	2.5 kVeff / 1 Min.
Dielectric strength of neighbouring contacts	2.5 kVeff / 1 Min.	Dielectric strength of open contact	1.2 kVeff / 1 min.

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Impulse withstand voltage	5 kV (1.2/50 µs)	Protection degree	IP20
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Further details of approvals / standards

Relevant rim module	RIM-I 3 6/24VUC	Relevant relay	RCM370524
Relevant base	SCM-I 3CO N	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

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

Important note

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

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

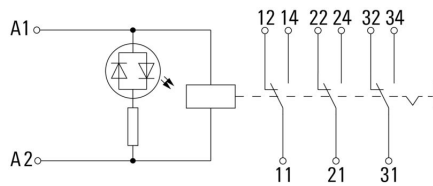
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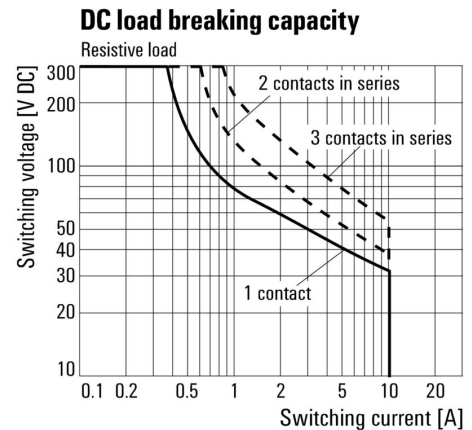
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Drawings

Wiring diagram

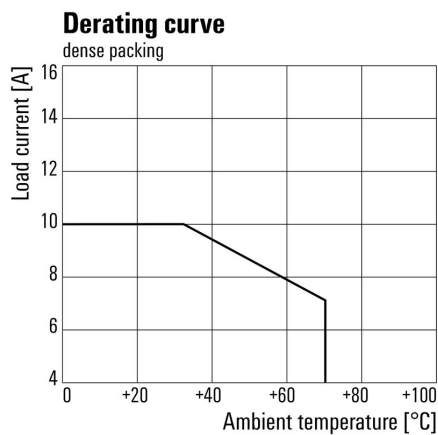


Graph



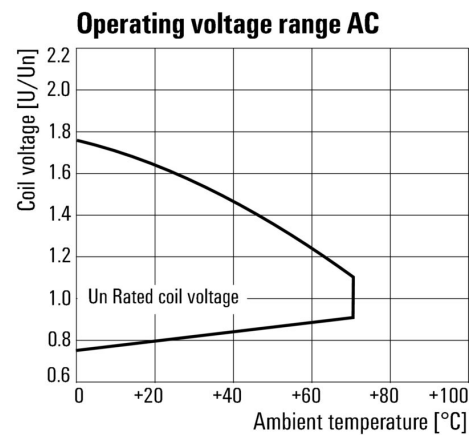
DC load limit curve Resistive load

Graph



Derating curve Relay in combination with base

Graph



AC operational voltage range

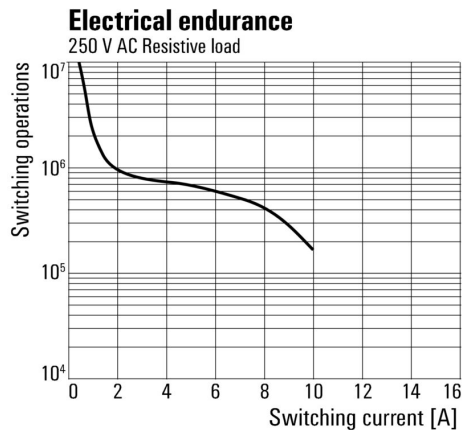
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Drawings

Graph



Electrical service life 250 V AC
resistive load 250 V AC resistive load

Dimensional drawing

