Data sheet

RCMKIT 24VDC 3CO LED GN

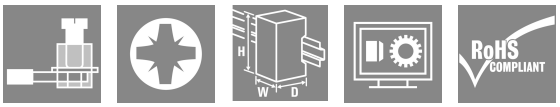
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



Similar to illustration



General ordering data

Version	RIDERSERIES RCM, Relay module, Number of contacts: 3, CO contact with test button AgNi, Rated control voltage: 24 V DC, Continuous current: 10 A, Screw connection, Test button available: Yes
Order No.	7940007062
Type	RCMKIT 24VDC 3CO LED GN
GTIN (EAN)	4032248474943
Qty.	10 items
Delivery status	This article will no longer be available in the future.
Available until	2025-09-30T00:00:00+02:00

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	72 mm	Depth (inches)	2.8346 inch
Height	78 mm	Height (inches)	3.0709 inch
Width	27 mm	Width (inches)	1.063 inch
Net weight	106.3 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 with exemption
RoHS Exemption (if applicable/known)	7a, 7cI
REACH SVHC	Lead 7439-92-1
SCIP	fc45714a-dcf9-499e-b37b-5a6f61f2521f

Control side

Rated control voltage	24 V DC	Rated current DC	31.3 mA
Power rating	740 mW	Coil resistance	777 Ω ± 10 %
Status indicator	Green LED	Protective circuit	Free-wheeling diode

Load side

Rated switching voltage	240 V AC	Continuous current	10 A
Max. switching frequency at rated load	0.1 Hz	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 with test button (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	Mechanical switch position indicator	Yes
Colour	black	UL 94 flammability rating	V-2

Insulation coordination

Rated voltage	240 V	Pollution severity	2
Surge voltage category	III	Creepage and clearance distance input – output	≥ 4 mm

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Dielectric strength, Input/Output	2.5 kVeff / 1 Min.	Dielectric strength of open contact	1.2 kVeff / 1 min.
Impulse withstand voltage	5 kV (1.2/50 µs)	Protection degree	IP20

Further details of approvals / standards

Relevant relay	RCM370024	Relevant base	SCM 3CO
Certificate no. (CSA) relay	249409-2426937	Certificate no. (cURus) relay	E522350
Certificate no. (cURus) base	E223759		

Connection data

Wire connection method	Screw connection	Clamping range, rated connection	2.5 mm²
Clamping range, min.	0.5 mm²	Clamping range, max.	2.5 mm²
Blade size	size PH1		

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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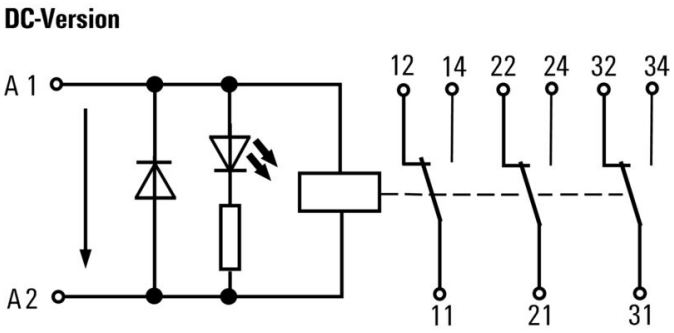
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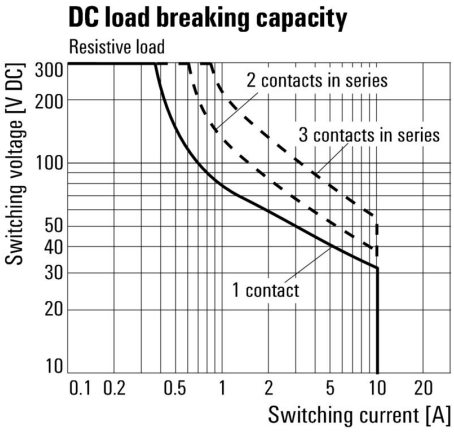
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Drawings

Wiring diagram

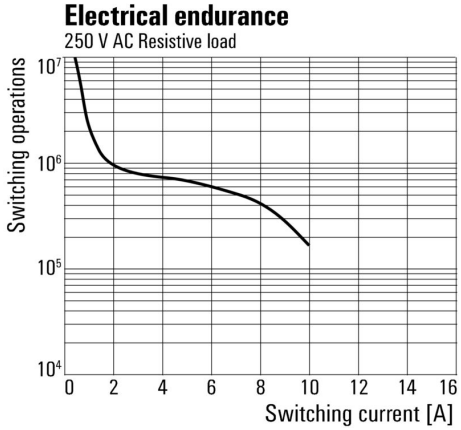


Graph



DC load limit curve Resistive load

Graph



Electrical service life 250 V AC resistive load

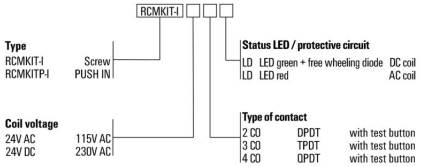
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