

RCMKIT 24VDC 3CO LED GN**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

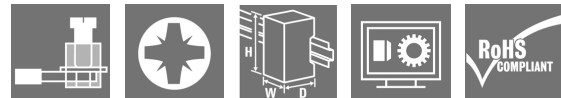
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Product image

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 pc(s).
Relevant relay	8690040000
Relevant base	8690890000

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Technical data

Dimensions and weights

Depth	72 mm	Depth (inches)	2.835 inch
Height	78 mm	Height (inches)	3.071 inch
Width	27 mm	Width (inches)	1.063 inch
Net weight	106.3 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	24 V DC	Rated current DC	31.3 mA
Power rating	740 mW	Pull-in/drop-out voltage, typ.	18 V / 2.4 V DC
Coil resistance	777 $\Omega \pm 10\%$	Coil tolerance	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 20×10^6 switching cycles, DC coil 30×10^6 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	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
Dielectric strength, Input/Output	2.5 kV _{eff} / 1 Min.	Dielectric strength of open contact	1.2 kV _{eff} / 1 min.
Impulse withstand voltage	5 kV (1.2/50 μ s)	Protection degree	IP20

Further details of approvals / standards

Certificate no. (CSA) relay	249409-2426937	Certificate no. (cURus) relay	E224238
Certificate no. (cURus) base	E223759		

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Connection data

Wire connection method	Screw connection	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²
Blade size	size PH1		

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

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format

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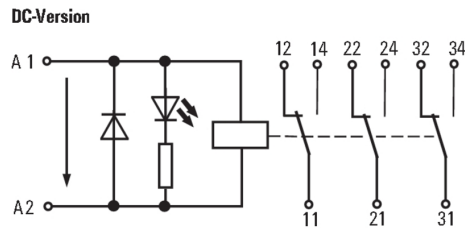
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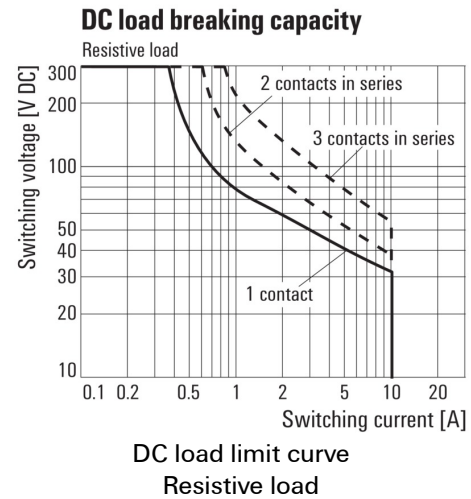
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Drawings

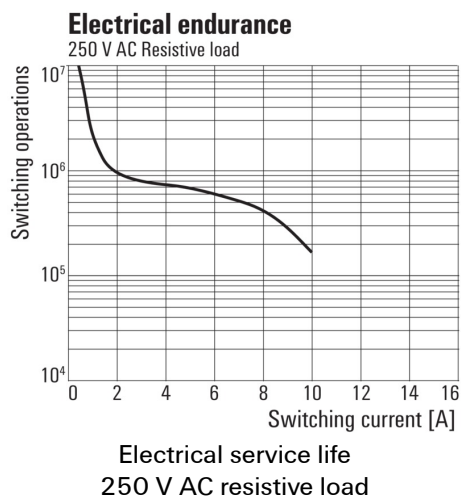
Wiring diagram



Graph



Graph



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Drawings

