

RCMKIT-I 24VDC 4CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	, Relay module, Number of contacts: 4, CO contact with test button AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 6 A, Screw connection
Order No.	2052480000
Type	RCMKIT-I 24VDC 4CO
GTIN (EAN)	4050118412055
Qty.	10 pc(s).

Creation date March 26, 2021 10:12:11 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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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
Net weight	99.9 g	Width	27.2 mm
Width (inches)	1.071 inch		

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

Coil resistance	777 $\Omega \pm 10\%$	Power rating	804 mW
Protective circuit	Free-wheeling diode	Pull-in/drop-out voltage, typ.	18 V / 2.4 V DC
Rated control voltage	24 V DC	Rated current DC	32.8 mA
Status indicator	Green LED		

Load side

AC switching capacity (resistive), max.	1500 VA	Continuous current	6 A
DC switching capacity (resistive), max.	144 W @ 24 V	Inrush current	12 A / 20 ms
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	240 V
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V	Rated switching voltage	250 V AC
Switch-off delay	≤ 10 ms	Switch-on delay	≤ 15 ms

Contact data

Contact type	4 CO contact with test button (AgNi 90/10)	Mechanical service life	AC coil 20×10^6 switching cycles, DC coil 30×10^6 switching cycles
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General data

Rail	TS 35	Test button	yes (lockable)
Mechanical switch position indicator	Yes	Colour	black

Insulation coordination

Dielectric strength of open contact	1.2 kV _{eff} / 1 min.	Protection degree	IP20
Rated voltage	250		

Further details of approvals / standards

Standards	DIN EN 50178	Certificate No. (DNVGL)	TAA000011A
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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 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

Classifications

ETIM 6.0	EC001437	ETIM 7.0	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

Important note

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

Approvals



Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD

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Drawings
