

RCMKITP-I 24VDC 4CO AU**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

General ordering data

Version	RIDERSERIES, Relay module, Number of contacts: 4, CO contact with test button AgNi 5µm Au, Rated control voltage: 24 V DC, Continuous current: 6 A, PUSH IN
Order No.	1398090000
Type	RCMKITP-I 24VDC 4CO AU
GTIN (EAN)	4050118199512
Qty.	10 pc(s).

Creation date March 23, 2021 8:50:54 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	98 mm	Height (inches)	3.858 inch
Net weight	96.45 g	Width	28 mm
Width (inches)	1.102 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 @ 1 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 5 μ m Au)
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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
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Further details of approvals / standards

Standards	DIN EN 50178	Certificate No. (DNVGL)	TAA000011A
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Connection data

Wire connection method	PUSH IN	Stripping length, rated connection	12 mm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.75 mm ²
Clamping range, max.	1.5 mm ²	Wire cross-section, solid, min.	0.75 mm ²
Wire cross-section, solid, max.	1.5 mm ²	Wire cross-section, solid, max. (AWG)	AWG 16
Wire connection cross section, finely stranded, min.	0.75 mm ²	Wire connection cross section, finely stranded, max.	1.5 mm ²
Wire cross-section, finely stranded, max. (AWG)	AWG 16	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.75 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	0.75 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.75 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1 mm ²	Blade size	0.6 x 3.5 mm

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

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity

[EU Konformitätserklärung / EU Declaration of Conformity](#)

Engineering Data

[EPLAN, WSCAD](#)

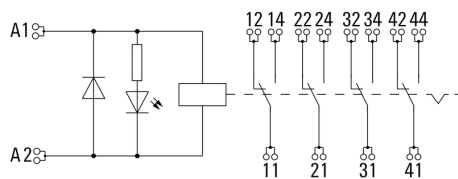
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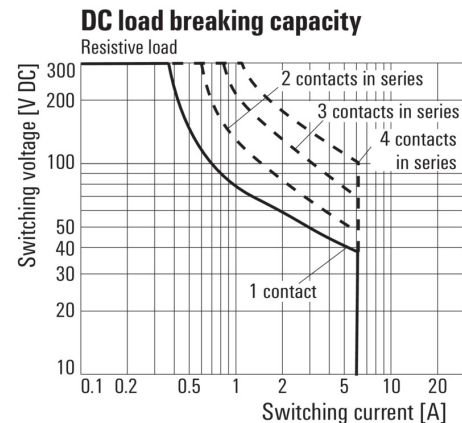
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Drawings

Wiring diagram

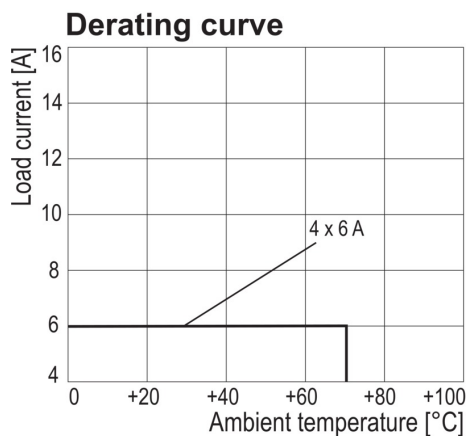


Graph



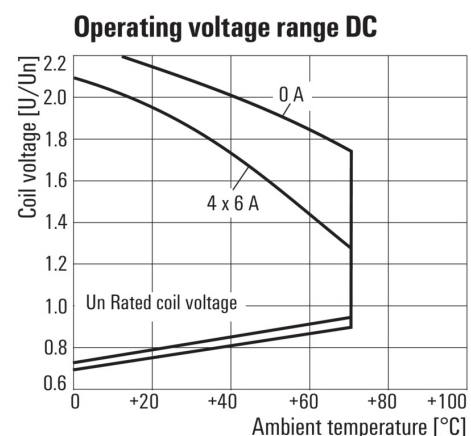
DC load limit curve
Resistive load

Graph



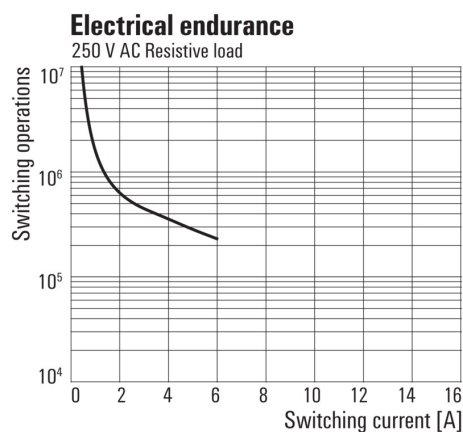
Derating curve
Relay in combination with base

Graph



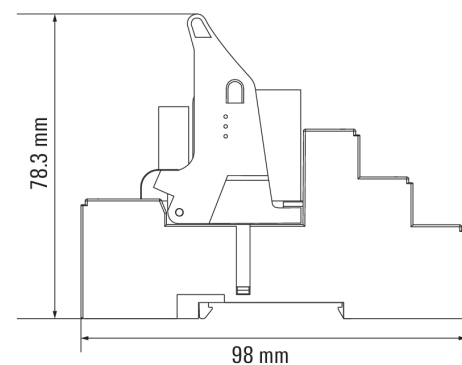
DC operational voltage range

Graph



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

Dimensional drawing



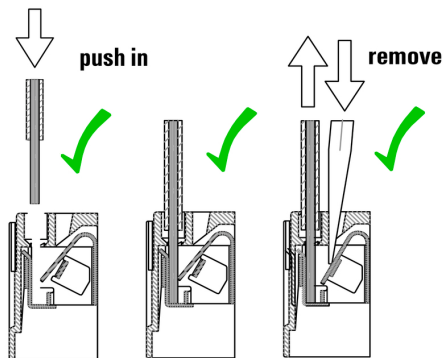
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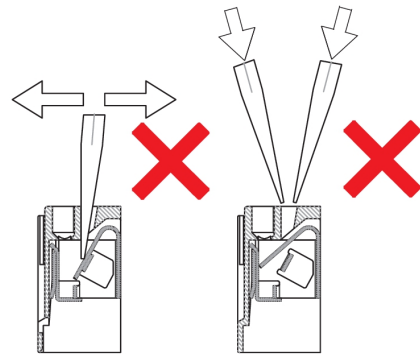
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Drawings

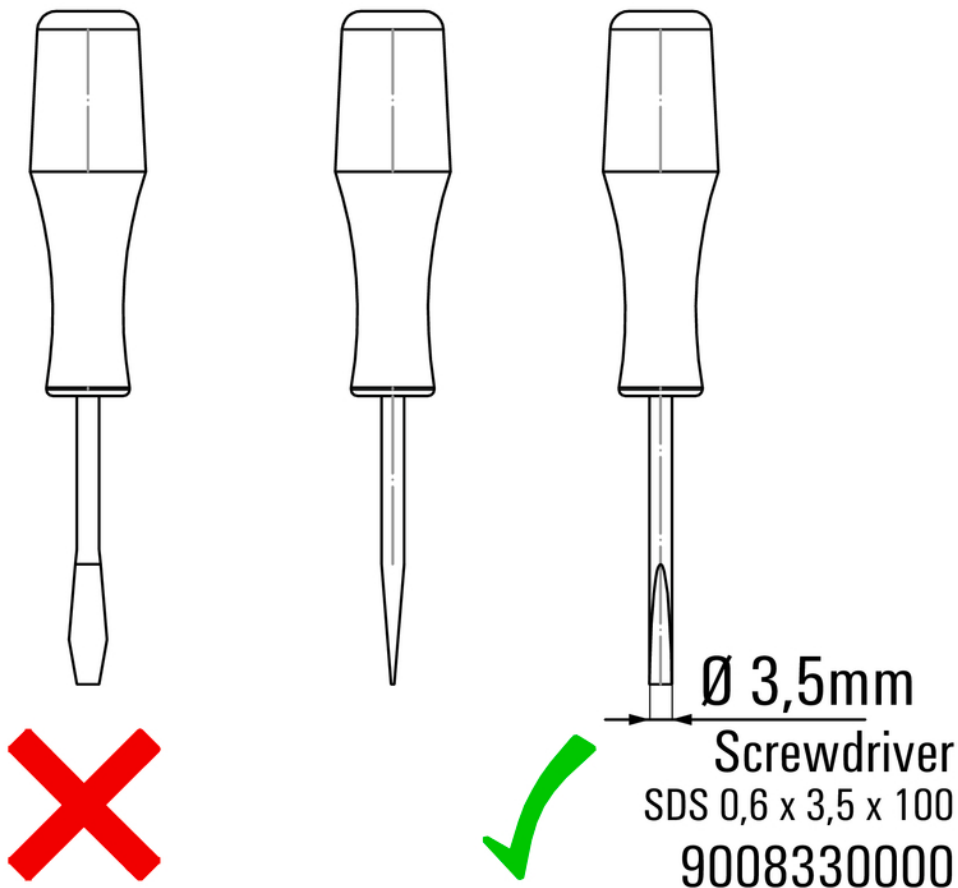
Correct handling PUSH IN connection



Wrong handling PUSH IN connection



Recommended screwdriver



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Drawings

