

RIDERSERIES RCI
RCIKITP 24VAC 2CO LD/PB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

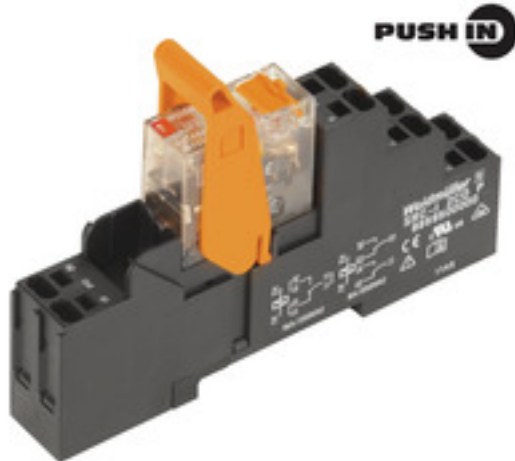
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Product image

Modular system comprised of:

- relay socket for rail mounting
- LED indicator unit
- retaining clip
- plug-in relay
- markers

General ordering data

Type	RCIKITP 24VAC 2CO LD/PB
Order No.	8897240000
Version	RIDERSERIES RCI, Relay module, Number of contacts: 2, CO contact with test button AgNi 90/10, Rated control voltage: 24 V AC, Continuous current: 8 A, PUSH IN
GTIN (EAN)	4032248647019
Qty.	10 pc(s).
Relevant base	8869500000
Relevant relay	8870350000

Creation date August 17, 2020 3:22:16 AM CEST

RIDERSERIES RCI
RCIKITP 24VAC 2CO LD/PB

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data
Dimensions and weights

Width	15.8	Width (inches)	0.622 inch
Height	98 mm	Height (inches)	3.858 inch
Depth	69.6 mm	Depth (inches)	2.74 inch
Net weight	56.9 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Input

Rated control voltage	24 V AC	Rated current AC	31.6 mA
Power rating	0.75 VA	Pull-in/drop-out voltage, typ.	18 V / 3.6 V AC
Coil resistance	350 Ω ± 10 %	Status indicator	red LED

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	400 V
Continuous current	8 A	Inrush current	15 A / 4 s
AC switching capacity (resistive), max.	2000 VA	DC switching capacity (resistive), max.	192 W @ 24 V
Switch-on delay	≤ 10 ms	Switch-off delay	≤ 6 ms
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V	Max. switching frequency at rated load	0.1 Hz

Contact data

Contact type	2 CO contact with test button (AgNi 90/10)	Mechanical service life	AC coil 5 x 10 ⁶ switching cycles, DC coil 10 x 10 ⁶ switching cycles
--------------	--	-------------------------	---

General data

Rail	TS 35	Test button	yes (lockable, just when removing the detent lock)
Mechanical switch position indicator	Yes	Colour	black

Insulation coordination

Rated voltage	250 V	Surge voltage category	III
Pollution severity	2	Insulating material group	IIIa
Protection degree	IP20	Dielectric strength, Input/Output	5 kV _{eff} / 1 min
Creepage and clearance distance input – output	≥ 8 mm	Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Dielectric strength of open contact	1 kV _{eff} / 1 min	Impulse withstand voltage	5 kV (1.2/50 μs)

RIDERSERIES RCI
RCIKITP 24VAC 2CO LD/PB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Technical data**Further details of approvals / standards**

Standards	DIN EN 50178	Certificate no. (CSA) relay	249409-2426937
Certificate no. (CSA) base	249409-2295474	Certificate No. (DNVGL)	TAA000011A
Certificate no. (cURus) relay	E224238	Certificate no. (cURus) base	E223759

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 connection cross-section, finely stranded, min.	0.75 mm ²
Wire connection cross section, finely stranded, max.	1.5 mm ²	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	UNSPSC	30-21-19-17

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity

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

Brochure/Catalogue

[CAT 4.2 ELECTR 18/19 EN](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

Engineering Data

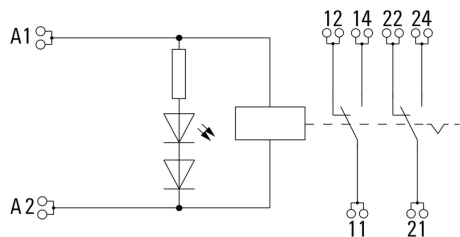
[STEP](#)

RIDERSERIES RCI RCIKITP 24VAC 2CO LD/PB

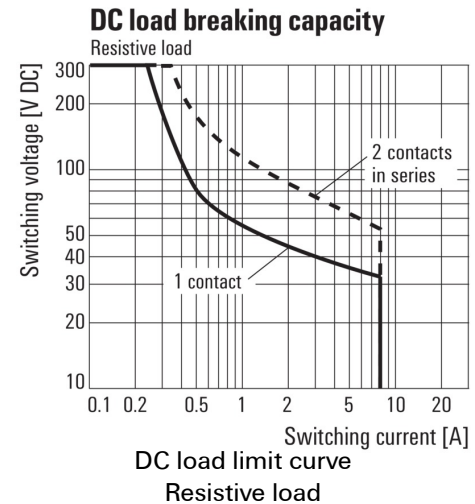
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

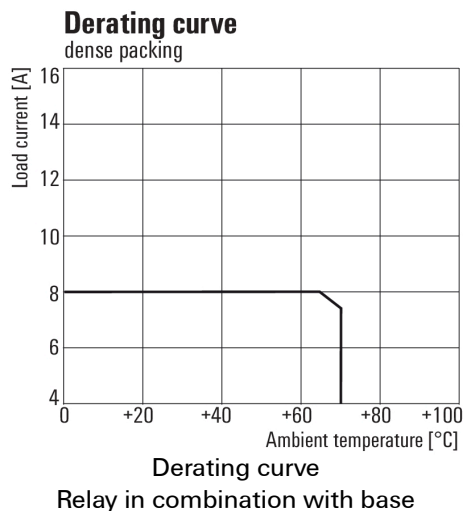
Wiring diagram



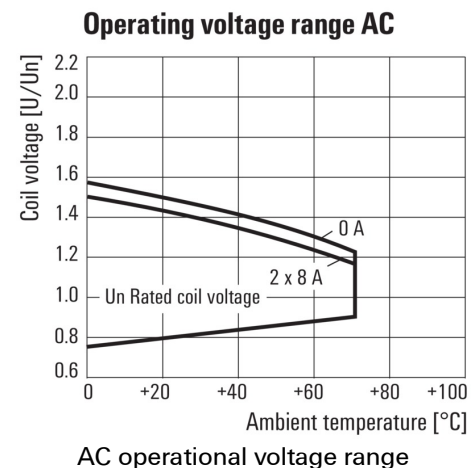
Graph



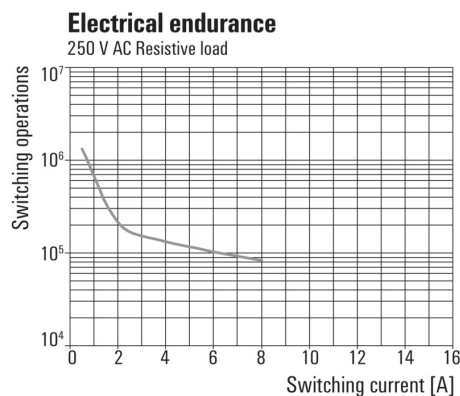
Graph



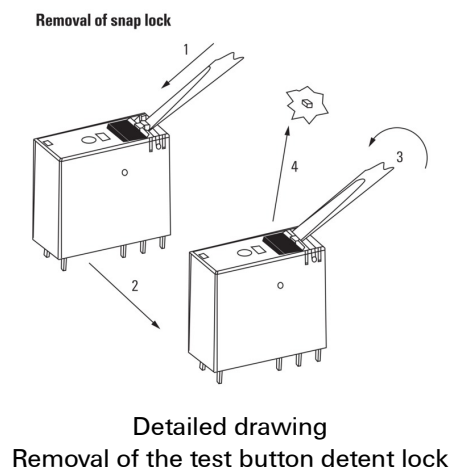
Graph



Graph



Dimensional drawing

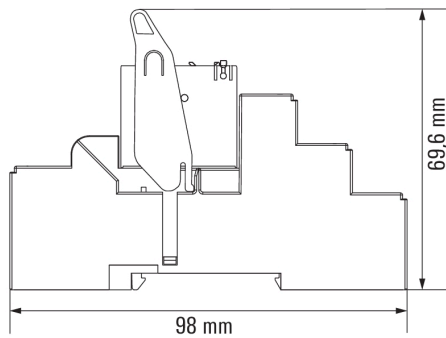


RIDERSERIES RCI
RCIKITP 24VAC 2CO LD/PB

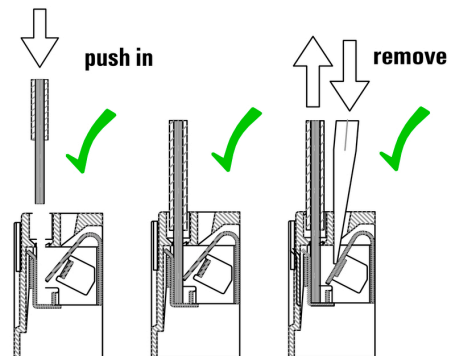
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

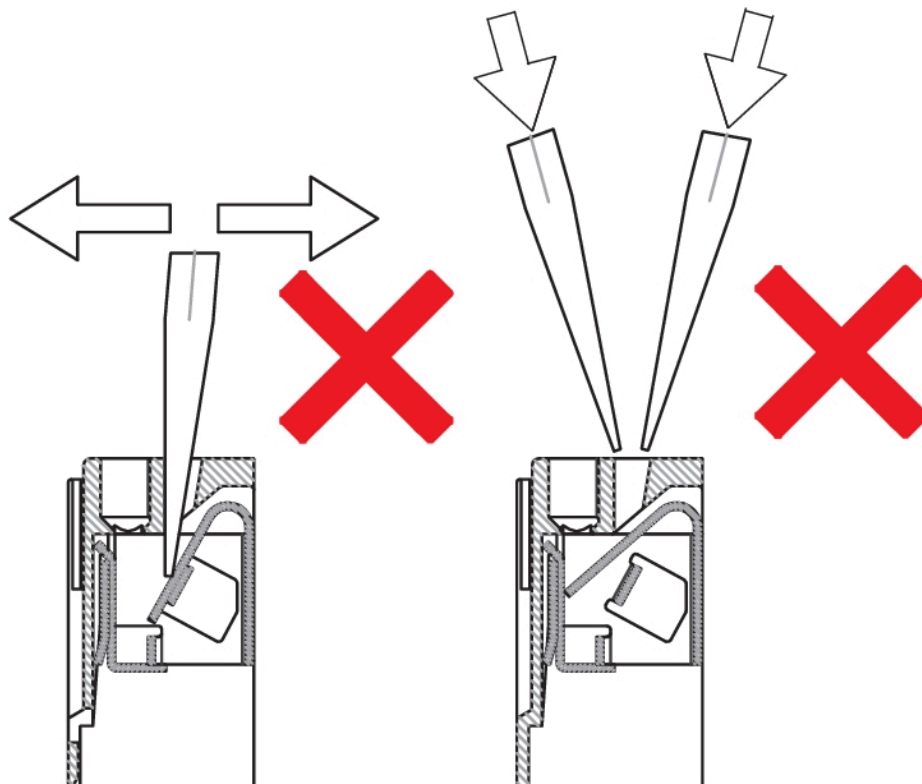
Dimensional drawing



Correct handling PUSH IN connection



Wrong handling PUSH IN connection



RIDERSERIES RCI
RCIKITP 24VAC 2CO LD/PB

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

Recommended screwdriver

