

## RCI484BB0

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Product image



Similar to illustration

Individual relays within the RIDERSERIES RCI

- 2 CO contacts
- DC coils
- With integrated status LED, free-wheeling diode and test button

## General ordering data

Version	RIDERSERIES RCI, Relay, Number of contacts: 2, CO contact AgNi, Rated control voltage: 110 V DC, Continuous current: 8 A, Plug-in connection, Test button available: Yes
Order No.	<a href="#">8870340000</a>
Type	RCI484BB0
GTIN (EAN)	4032248613724
Qty.	10 ST
Delivery status	This article will no longer be available in the future.
Available until	2024-10-31T00:00:00+01:00
Alternative product	<a href="#">CRI20110T</a>

Creation date 08.08.2025 09:36:51 MEZ

Catalogue status / Drawings

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	26.7 mm	Depth (inches)	1.0512 inch
Height	29 mm	Height (inches)	1.1417 inch
Width	13 mm	Width (inches)	0.5118 inch
Net weight	17 g		

## Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...70 °C
Humidity	40 °C / 93 % rel. humidity, no condensation		

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a
REACH SVHC	Lead 7439-92-1
SCIP	85ecb834-8971-4667-a012-c65a77e9d726

## Control side

Rated control voltage	110 V DC	Rated current DC	4.6 mA
Power rating	507 mW	Coil resistance	28800 Ω ± 12 %
Status indicator	Green LED	Protective circuit	Free-wheeling diode

## Load side

Rated switching voltage	240 V AC	Continuous current	8 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
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	Contact type	2 CO contact (AgNi)
Mechanical service life	AC coil 5 x 10 <sup>6</sup> switching cycles, DC coil 10 x 10 <sup>6</sup> switching cycles	Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V

## General data

Test button available	Yes	Version of test button	lockable, just when removing the detend lock, Momentary test button
Mechanical switch position indicator	Yes	Colour	Transparent
UL 94 flammability rating	V-2		

## Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIa

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Clearance and creepage distances for control side - load side	≥ 8 mm	Dielectric strength for control side - load 5 kVeff / 1min side	
Dielectric strength of neighbouring contacts	2.5 kVeff / 1 Min.	Dielectric strength of open contact	1 kVeff / 1 min
Impulse withstand voltage	5 kV (1.2/50 µs)		

## Further details of approvals / standards

Certificate No. (CSA)	249409-2426937
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## Connection data

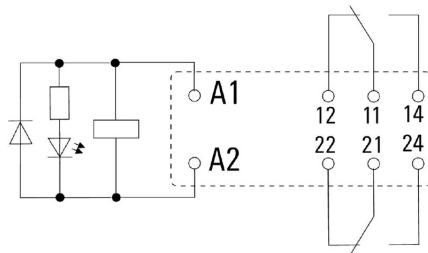
Wire connection method	Plug-in connection	Pitch in mm (P)	5.00 mm
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## Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	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
ECLASS 13.0	27-37-16-01	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

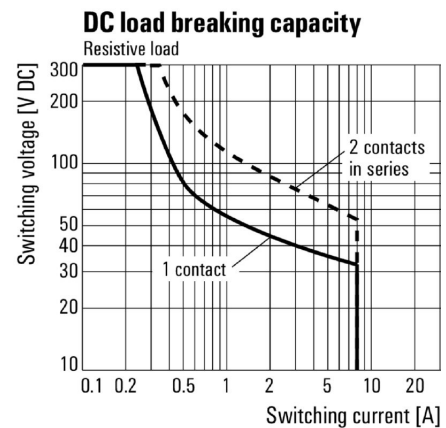
## Drawings

### Wiring diagram



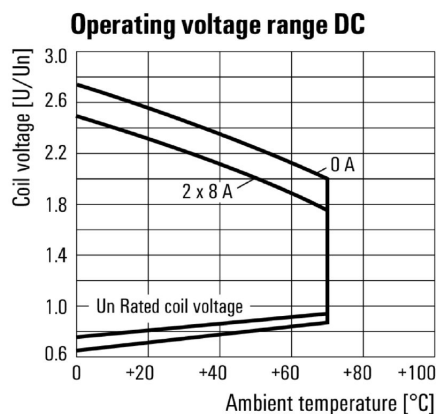
View of Pins from below

### Graph



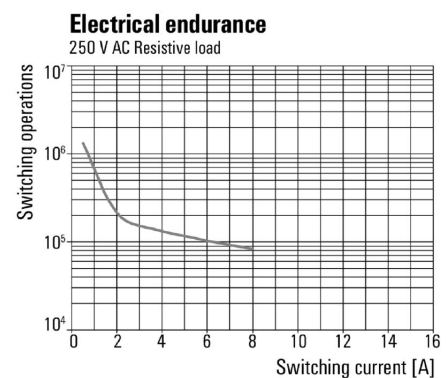
DC load limit curve Resistive load

### Graph



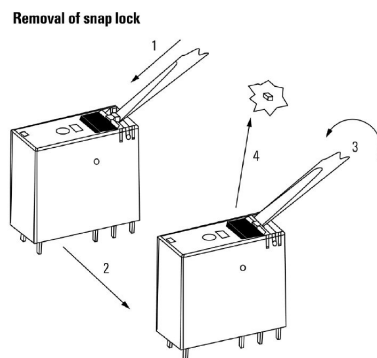
DC operational voltage range

### Graph



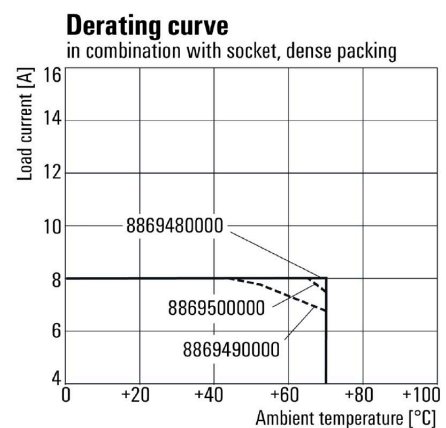
Electrical service life 250 V AC resistive load

### Dimensional drawing



Detailed drawing Removal of the test button detent lock

### Derating curve



Relay in combination with base

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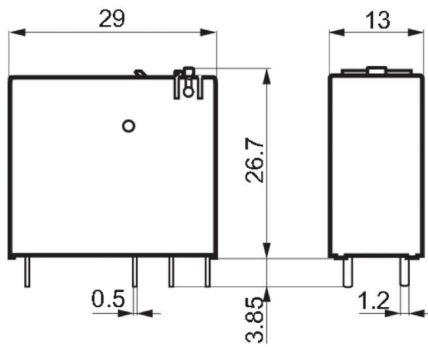
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## Drawings

## Dimensional drawing



## Miscellaneous

[illegible]

## Type codes