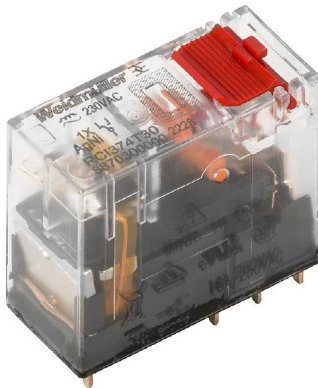


**RCI484S15****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

Individual relays within the RIDERSERIES RCI

- 2 CO contacts
- AC coils
- With integrated status LED and test button

**General ordering data**

|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version             | RIDERSERIES RCI, Relay, Number of contacts: 2, CO contact AgNi, Rated control voltage: 115 V AC, Continuous current: 8 A, Plug-in connection, Test button available: Yes |
| Order No.           | <a href="#">8870360000</a>                                                                                                                                               |
| Type                | RCI484S15                                                                                                                                                                |
| GTIN (EAN)          | 4032248613748                                                                                                                                                            |
| Qty.                | 10 items                                                                                                                                                                 |
| 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="#">CRI20615T</a>                                                                                                                                                |

## RCI484S15

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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 | 13.85 g |                 |             |

## Temperatures

|                       |                |                     |                                                |
|-----------------------|----------------|---------------------|------------------------------------------------|
| Storage temperature   | -40 °C...85 °C | Ambient temperature | -40 °C...70 °C                                 |
| Operating temperature |                | Humidity            | 40 °C / 93 % rel. humidity,<br>no condensation |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Control side

|                       |          |                  |               |
|-----------------------|----------|------------------|---------------|
| Rated control voltage | 115 V AC | Rated current AC | 7.1 mA        |
| Power rating          | 814 mVA  | Coil resistance  | 8100 Ω ± 15 % |
| Status indicator      | red LED  |                  |               |

## 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 106 switching<br>cycles, DC coil 10 x 106<br>switching cycles | Min. switching power                    | 1 mA @ 24 V, 10 mA @ 12<br>V, 100 mA @ 5 V |

## General data

|                                      |     |                        |                                                                           |
|--------------------------------------|-----|------------------------|---------------------------------------------------------------------------|
| Test button available                | Yes | Version of test button | lockable, just when<br>removing the detent lock,<br>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 |

## RCI484S15

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

|                                                               |                    |                                                                 |                 |
|---------------------------------------------------------------|--------------------|-----------------------------------------------------------------|-----------------|
| 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 |
|-----------------------|----------------|

## Connection data

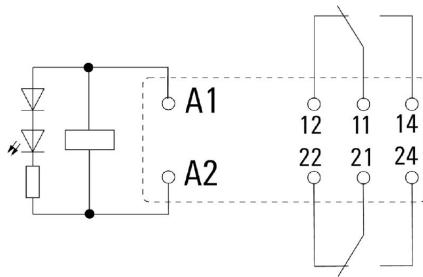
|                        |                    |                 |         |
|------------------------|--------------------|-----------------|---------|
| Wire connection method | Plug-in connection | Pitch in mm (P) | 5.00 mm |
|------------------------|--------------------|-----------------|---------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001437    | ETIM 9.0    | EC001437    |
| ETIM 10.0   | EC001437    | ECLASS 14.0 | 27-37-16-01 |
| ECLASS 15.0 | 27-37-16-01 |             |             |

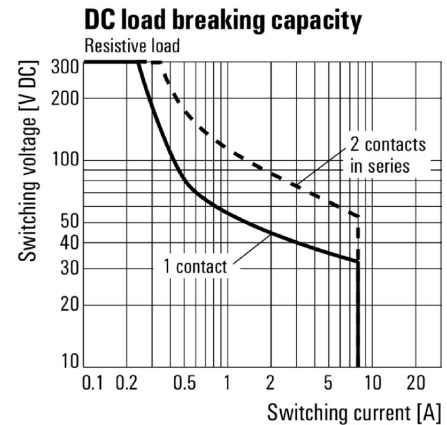
## Drawings

### Wiring diagram



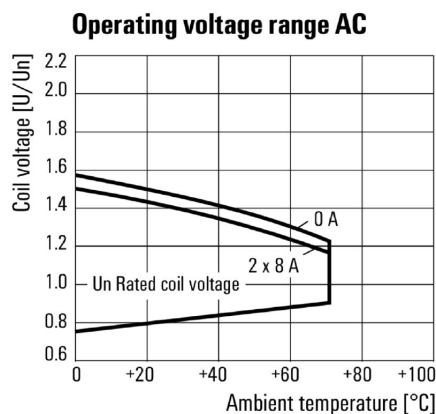
View of Pins from below

### Graph



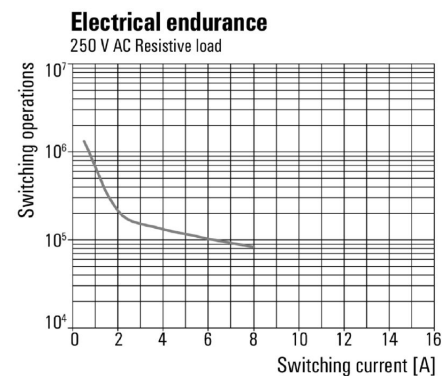
DC load limit curve Resistive load

### Graph



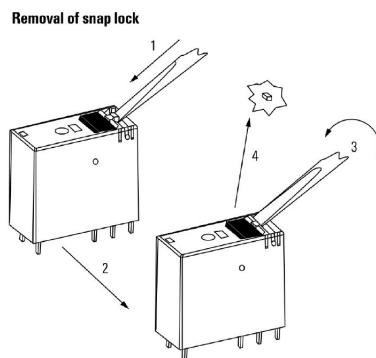
AC operational voltage range

### Graph



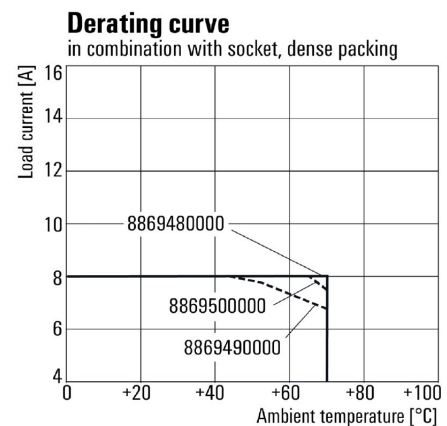
Electrical service life 250 V AC resistive load

### Dimensional drawing



Detailed drawing Removal of the test button detent lock

### Derating curve



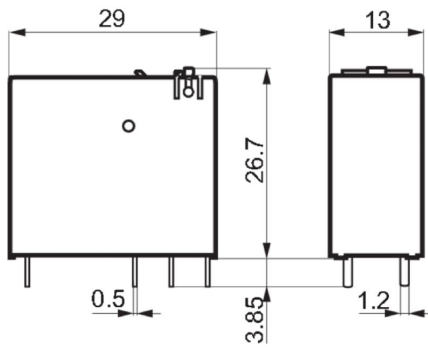
Relay in combination with base

**RCI484S15**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)
**Drawings**
**Dimensional drawing**

**Miscellaneous**

|                             |                          | RCI |  |  |  |  |                     |                        |
|-----------------------------|--------------------------|-----|--|--|--|--|---------------------|------------------------|
| <b>Type</b>                 | RIDER Control Industrial |     |  |  |  |  | <b>Coil voltage</b> |                        |
| <b>Type of construction</b> |                          |     |  |  |  |  | 012                 | 12 V DC                |
| 3                           | 16 A pinning 5 mm        |     |  |  |  |  | 024                 | 24 V DC                |
| 4                           | 8 A, pinning 5mm         |     |  |  |  |  | 048                 | 48 V DC                |
| <b>Type of contact</b>      |                          |     |  |  |  |  | 110                 | 110 V DC               |
| 1                           | 1 CO without push button |     |  |  |  |  | AB2                 | 12 V DC + LED + diode  |
| 2                           | 2 CO without push button |     |  |  |  |  | AC4                 | 24 V DC + LED + diode  |
| 7                           | 1 CO with push button    |     |  |  |  |  | AE8                 | 48 V DC + LED + diode  |
| 8                           | 2 CO with push button    |     |  |  |  |  | BB0                 | 110 V DC + LED + diode |
| <b>Contact material</b>     |                          |     |  |  |  |  | 524                 | 24 V AC                |
| 4                           | AgNi 90/10               |     |  |  |  |  | 615                 | 115 V AC               |
|                             |                          |     |  |  |  |  | 730                 | 230 V AC               |
|                             |                          |     |  |  |  |  | R24                 | 24 V AC + LED          |
|                             |                          |     |  |  |  |  | S15                 | 115 V AC + LED         |
|                             |                          |     |  |  |  |  | T30                 | 230 V AC + LED         |

Type codes