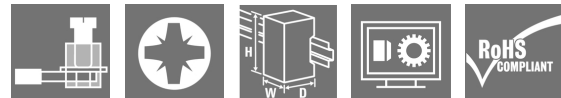


**RCLKIT 115VAC 2CO LED RT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Similar to illustration

**General ordering data**

|                |                                                                                                                                                                              |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version        | RIDERSERIES RCL, Relay module, Number of contacts: 2, CO contact AgNi, Rated control voltage: 115 V AC, Continuous current: 8 A, Screw connection, Test button available: No |
| Order No.      | <a href="#">8810100000</a>                                                                                                                                                   |
| Type           | RCLKIT 115VAC 2CO LED RT                                                                                                                                                     |
| GTIN (EAN)     | 4032248509621                                                                                                                                                                |
| Qty.           | 10 pc(s).                                                                                                                                                                    |
| Relevant base  | <a href="#">8690830000</a>                                                                                                                                                   |
| Relevant relay | <a href="#">4058610000</a>                                                                                                                                                   |

Creation date September 14, 2022 6:45:46 PM CEST

## RCLKIT 115VAC 2CO LED RT

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 66 mm  | Depth (inches)  | 2.598 inch |
| Height     | 78 mm  | Height (inches) | 3.071 inch |
| Width      | 16 mm  | Width (inches)  | 0.63 inch  |
| Net weight | 66.1 g |                 |            |

## Temperatures

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

## Environmental Product Compliance

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

## Control side

|                       |                        |                                |                     |
|-----------------------|------------------------|--------------------------------|---------------------|
| Rated control voltage | 115 V AC               | Rated current AC               | 6.6 mA              |
| Power rating          | 0.75 VA                | Pull-in/drop-out voltage, typ. | 86.3 V / 17.3 V AC  |
| Coil resistance       | 8100 $\Omega \pm 15\%$ | Coil tolerance                 | 15 %                |
| Status indicator      | red LED                | Protective circuit             | Free-wheeling diode |

## Load side

|                                         |                                              |                                         |                                         |
|-----------------------------------------|----------------------------------------------|-----------------------------------------|-----------------------------------------|
| Rated switching voltage                 | 250 V AC                                     | Continuous current                      | 8 A                                     |
| Inrush current                          | 15 A / 4 s                                   | AC switching capacity (resistive), max. | 4000 VA                                 |
| DC switching capacity (resistive), max. | 384 W @ 24 V                                 | Switch-on delay                         | $\leq 10$ ms                            |
| Switch-off delay                        | $\leq 6$ ms                                  | Contact type                            | 2 CO contact (AgNi)                     |
| Mechanical service life                 | AC coil 5 x 10 <sup>6</sup> switching cycles | Min. switching power                    | 1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V |

## General data

|                                      |       |                       |       |
|--------------------------------------|-------|-----------------------|-------|
| Rail                                 | TS 35 | Test button available | No    |
| Mechanical switch position indicator | No    | Colour                | black |
| UL 94 flammability rating            | V-2   |                       |       |

## Insulation coordination

|                    |      |                                   |                             |
|--------------------|------|-----------------------------------|-----------------------------|
| Pollution severity | 2    | Dielectric strength, Input/Output | 5 kV <sub>eff</sub> / 1 min |
| Protection degree  | IP20 |                                   |                             |

## Further details of approvals / standards

|                              |                |                               |         |
|------------------------------|----------------|-------------------------------|---------|
| Certificate no. (CSA) relay  | 249409-2426937 | Certificate no. (cURus) relay | E224238 |
| Certificate no. (cURus) base | E223759        |                               |         |

## Connection data

|                        |                     |                                  |                     |
|------------------------|---------------------|----------------------------------|---------------------|
| Wire connection method | Screw connection    | Clamping range, rated connection | 2.5 mm <sup>2</sup> |
| Clamping range, min.   | 0.5 mm <sup>2</sup> | Clamping range, max.             | 2.5 mm <sup>2</sup> |
| Blade size             | size PH0            |                                  |                     |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001437    | ETIM 7.0    | EC001437    |
| ETIM 8.0    | 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 |

**Approvals**

Approvals



ROHS

Conform

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Engineering Data

[EPLAN, WSCAD](#)

Catalogues

[Catalogues in PDF-format](#)

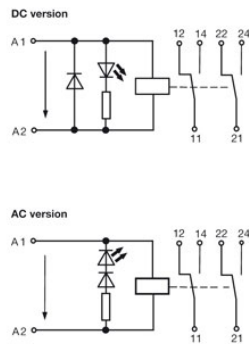
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# Drawings

## Wiring diagram



## Graph

