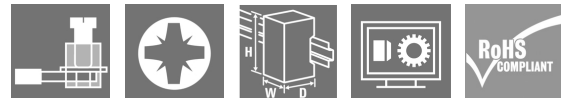


**RCLKIT 24VDC 1CO LED GN****Weidmüller Interface GmbH & Co. KG**

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: 1, CO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 12 A, Screw connection, Test button available: No |
| Order No.      | <a href="#">7940006158</a>                                                                                                                                                   |
| Type           | RCLKIT 24VDC 1CO LED GN                                                                                                                                                      |
| GTIN (EAN)     | 4032248475001                                                                                                                                                                |
| Qty.           | 10 pc(s).                                                                                                                                                                    |
| Relevant relay | <a href="#">8693260000</a>                                                                                                                                                   |
| Relevant base  | <a href="#">8690830000</a>                                                                                                                                                   |

Creation date November 26, 2024 12:25:47 PM CET

Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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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 | 61.5 g |                 |            |

## Temperatures

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

## Control side

|                       |           |                    |                         |
|-----------------------|-----------|--------------------|-------------------------|
| Rated control voltage | 24 V DC   | Rated current DC   | 16.7 mA                 |
| Power rating          | 500 mW    | Coil resistance    | 1440 $\Omega \pm 10 \%$ |
| Status indicator      | Green LED | Protective circuit | Free-wheeling diode     |

## Load side

|                                         |                                                  |                                         |                                            |
|-----------------------------------------|--------------------------------------------------|-----------------------------------------|--------------------------------------------|
| Rated switching voltage                 | 250 V AC                                         | Continuous current                      | 16 A                                       |
| Inrush current                          | 30 A / 4 s                                       | AC switching capacity (resistive), max. | 4000 VA                                    |
| DC switching capacity (resistive), max. | 384 W @ 24 V                                     | Switch-on delay                         | $\leq 7$ ms                                |
| Switch-off delay                        | $\leq 4$ ms                                      | Contact type                            | 1 CO contact (AgNi)                        |
| Mechanical service life                 | DC coil 30 x 10 <sup>6</sup> switching<br>cycles | Min. switching power                    | 1 mA @ 24 V, 10 mA @ 12<br>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

|                                                   |              |                                   |                            |
|---------------------------------------------------|--------------|-----------------------------------|----------------------------|
| Rated voltage                                     | 250 V        | Pollution severity                | 2                          |
| Surge voltage category                            | III          | Insulating material group         | C                          |
| Creepage and clearance distance input –<br>output | $\geq 10$ mm | Dielectric strength, Input/Output | 5 kV <sub>eff</sub> / 1min |
| Protection degree                                 | IP20         |                                   |                            |

## Further details of approvals / standards

|                              |                |                               |         |
|------------------------------|----------------|-------------------------------|---------|
| Certificate no. (CSA) relay  | 249409-2426937 | Certificate no. (cURus) relay | E522350 |
| 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    | ETIM 9.0    | 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 |             |             |

**Environmental Product Compliance**

|                                      |                                                    |
|--------------------------------------|----------------------------------------------------|
| RoHS Compliance Status               | Compliant with exemption                           |
| RoHS Exemption (if applicable/known) | 7a, 7cl                                            |
| REACH SVHC                           | Lead 7439-92-1 4,4'-isopropylidenediphenol 80-05-7 |
| SCIP                                 | d4546fc1-6731-43f6-9c40-ce6f3265588a               |

**Approvals**

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

|                                             |                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                |

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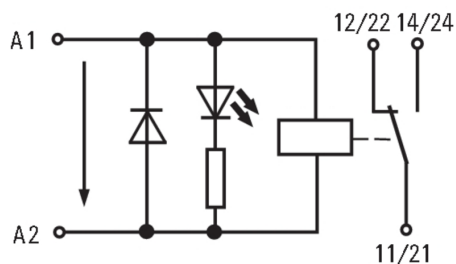
Germany

www.weidmueller.com

## Drawings

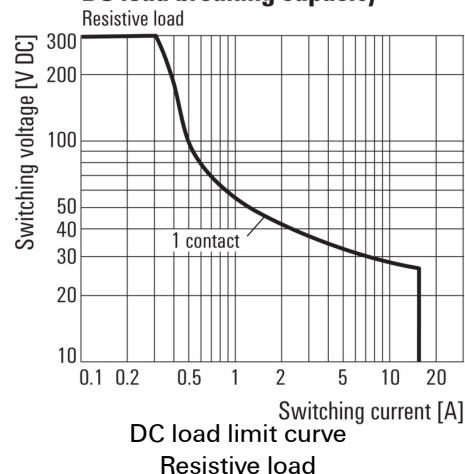
## Wiring diagram

DC-Version



## Graph

DC load breaking capacity



## Graph

Operating voltage range DC

