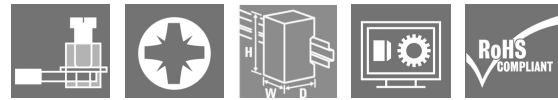


RIDERSERIES RCL RCLKIT 24VAC 2CO LED RT

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Product image



Similar to illustration

Modular system comprised of:

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

General ordering data

| | |
|------------|--|
| Type | RCLKIT 24VAC 2CO LED RT |
| Order No. | 7940006162 |
| Version | RIDERSERIES RCL, Relays, No. of contacts: 2 CO contact AgNi 90/10, Rated control voltage: 24 V AC, Continuous current: 8 A, Screw connection |
| GTIN (EAN) | 4032248475018 |
| Qty. | 10 pc(s). |

**RIDERSERIES RCL
RCLKIT 24VAC 2CO LED RT**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data**Dimensions and weights**

| | | | |
|------------|--------|-----------------|------------|
| Width | 16 mm | Width (inches) | 0.63 inch |
| Height | 78 mm | Height (inches) | 3.071 inch |
| Depth | 66 mm | Depth (inches) | 2.598 inch |
| Net weight | 67.4 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 |
| Protective circuit | Free-wheeling diode | | |

Output

| | | | |
|-------------------------|---|----------------------------|------------|
| Rated switching voltage | 250 V AC | Max. switching voltage, AC | 240 V |
| Continuous current | 8 A | Inrush current | 15 A / 4 s |
| 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 | | |

Contact data

| | | | |
|--------------|---------------------------|-------------------------|--|
| Contact type | 2 CO contact (AgNi 90/10) | Mechanical service life | AC coil 5 x 10 ⁶ switching cycles |
|--------------|---------------------------|-------------------------|--|

General data

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

Insulation coordination

| | | | |
|-----------------------------------|----------------------------|-------------------|------|
| Pollution severity | 2 | Protection degree | IP20 |
| Dielectric strength, Input/Output | 5 kV _{eff} / 1min | | |

Further details of approvals / standards

| | | | |
|-------------------------------|--------------|------------------------------|----------------|
| Standards | DIN EN 50178 | Certificate no. (CSA) relay | 249409-2426937 |
| Certificate no. (cURus) relay | E224238 | Certificate no. (cURus) base | E223759 |

Data sheet

**RIDERSERIES RCL
RCLKIT 24VAC 2CO LED RT**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Connection data

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

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001437 | ETIM 4.0 | EC001437 |
| ETIM 5.0 | EC001437 | ETIM 6.0 | EC001437 |
| UNSPSC | 30-21-19-17 | eClass 5.1 | 27-37-16-01 |
| eClass 6.2 | 27-37-16-01 | eClass 7.1 | 27-37-16-01 |
| eClass 8.1 | 27-37-16-01 | eClass 9.0 | 27-37-16-01 |
| eClass 9.1 | 27-37-16-01 | | |

Approvals

Approvals



ROHS Conform

Downloads

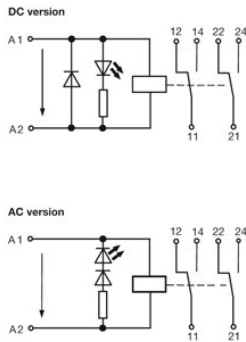
| | |
|---|--|
| Approval/Certificate/Document of Conformity | DE_PA5600_160414_005.pdf |
| Engineering Data | EPLAN.WSCAD |

**RIDERSERIES RCL
RCLKIT 24VAC 2CO LED RT**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Drawings

Wiring diagram



Graph

