

RIDERSERIES RCM RCMKIT 115VAC 4CO 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 | RCMKIT 115VAC 4CO LED RT |
| Order No. | 8810150000 |
| Version | RIDERSERIES RCM, Relays, No. of contacts: 4 CO contact with test button AgNi 90/10, Rated control voltage: 115 V AC, Continuous current: 6 A, Screw connection |
| GTIN (EAN) | 4032248509676 |
| Qty. | 10 pc(s). |

**RIDERSERIES RCM
RCMKIT 115VAC 4CO 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 | 27 mm | Width (inches) | 1.063 inch |
| Height | 82 mm | Height (inches) | 3.228 inch |
| Depth | 79 mm | Depth (inches) | 3.11 inch |
| Net weight | 111.7 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 | 115 V AC | Rated current AC | 8.8 mA |
| Power rating | 1.0 VA | Pull-in/drop-out voltage, typ. | 92 V / 34.5 V AC |
| Coil resistance | 4845 Ω ± 12 % | Status indicator | red LED |
| Protective circuit | Free-wheeling diode | | |

Output

| | | | |
|-------------------------|---|--|--------------|
| Rated switching voltage | 240 V AC | Max. switching voltage, AC | 240 V |
| Continuous current | 6 A | Inrush current | 12 A / 20 ms |
| Switch-on delay | ≤ 15 ms | Switch-off delay | ≤ 10 ms |
| Min. switching power | 1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V | Max. switching frequency at rated load | 0.1 Hz |

Contact data

| | | | |
|--------------|--|-------------------------|--|
| Contact type | 4 CO contact with test button (AgNi 90/10) | Mechanical service life | AC coil 20 x 10 ⁶ switching cycles, DC coil 30 x 10 ⁶ switching cycles |
|--------------|--|-------------------------|--|

General data

| | | | |
|--------------------------------------|-------|-------------|----------------|
| Rail | TS 35 | Test button | yes (lockable) |
| Mechanical switch position indicator | Yes | Colour | black |
| UL 94 flammability rating | V-2 | | |

Insulation coordination

| | | | |
|-------------------------------------|--------------------------------|--|------------------|
| Rated voltage | 240 V | Surge voltage category | III |
| Pollution severity | 2 | Protection degree | IP20 |
| Dielectric strength, Input/Output | 2.5 kV _{eff} / 1 Min. | Creepage and clearance distance input - output | ≥ 4 mm |
| Dielectric strength of open contact | 1.2 kV _{eff} / 1 min. | Impulse withstand voltage | 5 kV (1.2/50 μs) |

Data sheet

**RIDERSERIES RCM
RCMKIT 115VAC 4CO 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

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 |

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 PH1 | | |

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

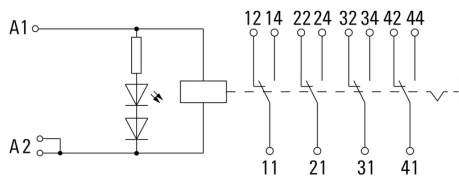
| | |
|---|--|
| Approval/Certificate/Document of Conformity | DE_PA5600_160414_004.pdf |
| Engineering Data | EPLAN.WSCAD |

**RIDERSERIES RCM
RCMKIT 115VAC 4CO LED RT**

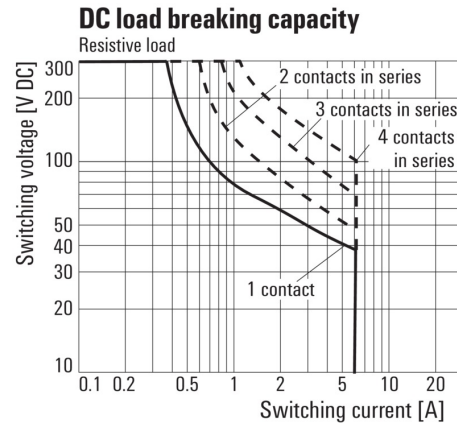
Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Drawings

Wiring diagram

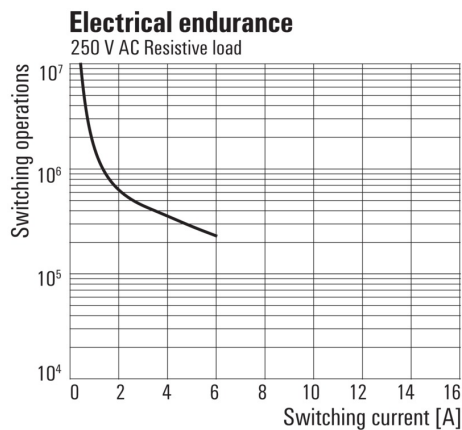


Graph



DC load limit curve
Resistive load

Graph



Electrical service life
250 V AC resistive load