

TRS 230VAC RC 2CO EMPTY

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



Similar to illustration

TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement of insulation

General ordering data

| | |
|------------|--|
| Version | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V AC $\pm 10\%$, Continuous current: 10 A, Screw connection |
| Order No. | 1124050000 |
| Type | TRS 230VAC RC 2CO EMPTY |
| GTIN (EAN) | 4032248905874 |
| Qty. | 10 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E223759

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 87.8 mm | Depth (inches) | 3.4567 inch |
| Height | 89.6 mm | Height (inches) | 3.5276 inch |
| Width | 12.8 mm | Width (inches) | 0.5039 inch |
| Net weight | 42 g | | |

Temperatures

| | | | |
|-----------------------|----------------|---------------------|----------------|
| Storage temperature | -40 °C...85 °C | Ambient temperature | -40 °C...60 °C |
| Operating temperature | | | |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 7a, 7cI |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 9e2cbc49-76d9-4611-b8ec-5b4f549a0aa9 |

Rated data UL

| | | | |
|---|--|------------------------------------|--------------------------|
| Ambient temperature (operational), max. | 60 °C | Output current derating (ohmic) | 6 A @ 60 °C, 8 A @ 50 °C |
| Connection cross-section AWG, min. | AWG 26 | Connection cross-section AWG, max. | AWG 14 |
| Type of conductor | rigid copper conductor, flexible copper conductor | Tightening torque, max. | 0.4 Nm |
| Pollution severity level | 2 | Certificate No. (cURus) | E223759 |

Control side

| | | | |
|--|-----------------------|---------------------------------------|---------------|
| Rated control voltage | 230 V AC ±10 % | Status indicator | Green LED |
| Protective circuit | Rectifier, RC element | RC filter | 94 Ω / 100 nF |
| Coil voltage of the replacement relay deviating from the rated control voltage | Yes | Coil voltage of the replacement relay | 110 V DC |

Load side

| | | | |
|-------------------------|--------------|--------------------|------|
| Rated switching voltage | 250 V AC | Continuous current | 10 A |
| Contact type | 2 CO contact | | |

General data

| | | | |
|------------------------------------|---------------------------|----------------|--|
| Operating altitude | ≤ 2000 m, above sea level | | |
| Mounting rail | TS 35 | | |
| Colour | black | | |
| UL94 flammability rating component | Component | Housing | |
| | UL94 flammability rating | V-0 | |
| | Component | Retaining clip | |

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| UL94 flammability rating

V-0

Insulation coordination

| | | | |
|--|------------------|---|------------------|
| Rated voltage | 300 V | Pollution severity | 2 |
| Surge voltage category | III | Clearance and creepage distances for control side - load side | ≥ 5.5 mm |
| Dielectric strength for control side - load side | 1.2 kVeff / 5 s | Dielectric strength of neighbouring contacts | 2.5 kVeff |
| Dielectric strength to mounting rail | 4 kVeff / 1 Min. | Impulse withstand voltage | 6 kV (1.2/50 µs) |
| Protection degree | IP20 | | |

Further details of approvals / standards

| | |
|-------------------------|---------|
| Certificate No. (cURus) | E223759 |
|-------------------------|---------|

Connection data

| | | | |
|---|----------------------|---|---------------------|
| Wire connection method | Screw connection | Stripping length, rated connection | 8 mm |
| Tightening torque, max. | 0.4 Nm | Clamping range, rated connection | 1.5 mm ² |
| Clamping range, min. | 0.14 mm ² | Clamping range, max. | 2.5 mm ² |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross section AWG, max. | AWG 14 |
| Wire cross-section, solid, min. | 0.14 mm ² | Wire cross-section, solid, max. | 2.5 mm ² |
| Wire cross-section, solid, min. (AWG) | AWG 26 | Wire cross-section, solid, max. (AWG) | AWG 14 |
| Wire connection cross section, finely stranded, min. | 0.14 mm ² | Wire connection cross section, finely stranded, max. | 2.5 mm ² |
| Wire cross-section, finely stranded, min. (AWG) | AWG 26 | Wire cross-section, finely stranded, max. (AWG) | AWG 14 |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.25 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm ² |
| Conductor cross-section, flexible, AEH (DIN 46228-1), min. | 0.25 mm ² | Conductor cross-section, flexible, AEH (DIN 46228-1), max. | 2.5 mm ² |
| Wire connection cross section, finely stranded, two clampable wires, min. | 0.5 mm ² | Wire cross-section, finely stranded, two clampable wires, max. | 1 mm ² |
| Twin wire-end ferrules, min. | 0.5 mm ² | Twin wire-end ferrules, max. | 1 mm ² |
| Blade size | size PHO | Pitch in mm (P) | 5.00 mm |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001456 | ETIM 9.0 | EC001456 |
| ETIM 10.0 | EC001456 | ECLASS 14.0 | 27-37-16-03 |
| ECLASS 15.0 | 27-37-16-03 | | |

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Drawings

Wiring diagram



Dimensional drawing



Miscellaneous

Type code TERMSERIES empty sockets



Type codes