

CRMKIT S 230VAC 2CO L UL

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

www.weidmueller.com

General ordering data

| | |
|------------|--|
| Version | , Number of contacts: 2, CO contact AgNi, Rated control voltage: 230 V AC, Continuous current: 12 A, Screw connection, Test button available: No |
| Order No. | 8000158986 |
| Type | CRMKIT S 230VAC 2CO L UL |
| GTIN (EAN) | 4099987371148 |
| Qty. | 10 items |

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Technical data

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 68.2 mm | Depth (inches) | 2.685 inch |
| Height | 80.3 mm | Height (inches) | 3.1614 inch |
| Width | 26.9 mm | Width (inches) | 1.0591 inch |
| Net weight | 1048.6 g | | |

Temperatures

| | | | |
|-----------------------|--|---------------------|----------------|
| Storage temperature | | Ambient temperature | -40 °C...55 °C |
| Operating temperature | | | |

Control side

| | | | |
|---------------------------------------|-----------|--|----------------|
| Rated control voltage | 230 V AC | Rated current AC | 9.5 mA |
| Power rating | 2.3 VA | Coil resistance | 16100 Ω ± 10 % |
| Status indicator | Green LED | Coil voltage of the replacement relay deviating from the rated control voltage | No |
| Coil voltage of the replacement relay | 230 V AC | | |

Load side

| | | | |
|---|--------------------------------------|---|---------------------|
| Rated switching voltage | 250 V AC | Continuous current | 12 A |
| Max. switching frequency at rated load | 0.1 Hz | Max. switching voltage, AC | 250 V |
| Max. switching voltage, DC | 250 V | AC switching capacity (resistive), max. | 3000 |
| DC switching capacity (resistive), max. | 288 W @ 24 V | Switch-on delay | ≤ 20 ms |
| Switch-off delay | ≤ 12 ms | Contact type | 2 CO contact (AgNi) |
| Mechanical service life | 2 x 10 ⁷ switching cycles | | |

General data

| | | | |
|------------------------------------|---------------------------|-------------|--|
| Operating altitude | ≤ 2000 m, above sea level | | |
| Mounting rail | TS 35 | | |
| Test button available | No | | |
| Colour | black | | |
| UL94 flammability rating component | Component | Socket | |
| | UL94 flammability rating | V-2 | |
| | Component | Relay cover | |
| | UL94 flammability rating | V-2 | |

Insulation coordination

| | | | |
|--|------------------|--|------------------|
| Surge voltage category | II | Dielectric strength for control side - load side | 4 kVeff / 1 Min. |
| Dielectric strength of neighbouring contacts | 3 kVeff / 1 Min. | Dielectric strength to mounting rail | 4 kVeff / 1 Min. |
| Protection degree | IP20 | | |

Connection data

| | | | |
|---------------------------------------|---------------------|---------------------------------------|---------------------|
| Wire connection method | Screw connection | Stripping length, rated connection | 8 mm |
| Clamping range, rated connection | 2.5 mm ² | Clamping range, min. | 2.5 mm ² |
| Clamping range, max. | 4 mm ² | Wire cross-section, solid, min. | 2.5 mm ² |
| Wire cross-section, solid, max. | 4 mm ² | Wire cross-section, solid, min. (AWG) | AWG 20 |
| Wire cross-section, solid, max. (AWG) | AWG 16 | Twin wire-end ferrules, min. | 1.5 mm ² |
| Twin wire-end ferrules, max. | 2.5 mm ² | Blade size | PZ 1 |

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Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001437 | ETIM 9.0 | EC001437 |
| ETIM 10.0 | EC001437 | ECLASS 14.0 | 27-37-16-01 |
| ECLASS 15.0 | 27-37-16-01 | | |