

CRMKIT P 24VAC 4CO L UL

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

www.weidmueller.com

General ordering data

| | |
|------------|---|
| Version | , Number of contacts: 4, CO contact AgNi, Rated control voltage: 24 V AC, Continuous current: 7 A, PUSH IN, Test button available: No |
| Order No. | 8000158966 |
| Type | CRMKIT P 24VAC 4CO L UL |
| GTIN (EAN) | 4099987370936 |
| Qty. | 10 items |

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Technical data

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 72.5 mm | Depth (inches) | 2.8543 inch |
| Height | 97 mm | Height (inches) | 3.8189 inch |
| Width | 31 mm | Width (inches) | 1.2205 inch |
| Net weight | 1048.6 g | | |

Temperatures

| | | | |
|-----------------------|--|---------------------|----------------|
| Storage temperature | | Ambient temperature | -20 °C...70 °C |
| Operating temperature | | | |

Control side

| | | | |
|---------------------------------------|-----------|--|--------------|
| Rated control voltage | 24 V AC | Rated current AC | 72.6 mA |
| Power rating | 1.8 VA | Coil resistance | 158 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 | 24 V AC | | |

Load side

| | | | |
|---|--------------------------------------|---|----------------------------|
| Rated switching voltage | 250 V AC | Continuous current | 7 A |
| Max. switching voltage, AC | 250 V | Max. switching voltage, DC | 250 V |
| Inrush current | 16 A / 20 ms | AC switching capacity (resistive), max. | 1500 |
| DC switching capacity (resistive), max. | 168 W @ 24 V | Switch-on delay | ≤ 20 ms |
| Switch-off delay | ≤ 12 ms | Contact type | 4 CO contact (AgNi) |
| Mechanical service life | 2 x 10 ⁷ switching cycles | Min. switching power | 100 mA @ 5 V, 10 mA @ 12 V |

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-0 | |
| | Component | Relay cover | |
| | UL94 flammability rating | V-2 | |

Insulation coordination

| | | | |
|--|------------------|--|------------------|
| Pollution severity | 2 | 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 | 3 kVeff / 1 min. | Impulse withstand voltage | 4 kV (1.2/50 μs) |
| Protection degree | IP20 | | |

Connection data

| | | | |
|---------------------------------------|---------------------|---------------------------------------|---------------------|
| Wire connection method | PUSH IN | Stripping length, rated connection | 8 mm |
| Clamping range, rated connection | 1.5 mm ² | Clamping range, min. | 0.5 mm ² |
| Clamping range, max. | 1.5 mm ² | Wire cross-section, solid, min. | 0.5 mm ² |
| Wire cross-section, solid, min. (AWG) | AWG 20 | Wire cross-section, solid, max. (AWG) | AWG 16 |
| Twin wire-end ferrules, max. | 1.5 mm ² | Blade size | 0.6 x 3.5 mm |

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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 | | |