

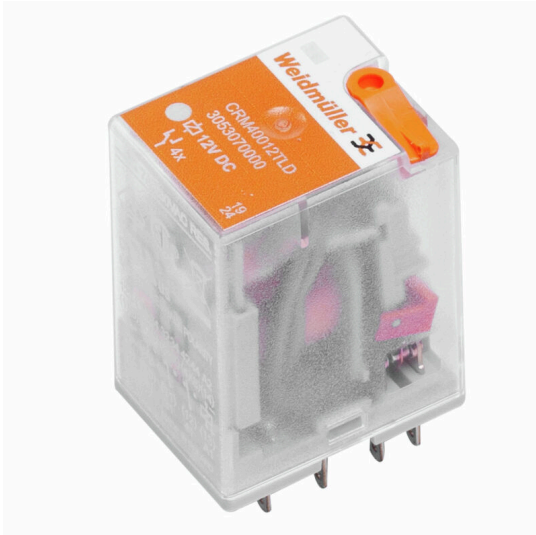
CRM20615T**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Similar to illustration

General ordering data

| | |
|------------|--|
| Version | CUBESERIES, Relay, Number of contacts: 2, CO contact AgNi, Rated control voltage: 115 V AC, Continuous current: 12 A, Plug-in connection, Test button available: Yes |
| Order No. | 3052840000 |
| Type | CRM20615T |
| GTIN (EAN) | 4099987022651 |
| Qty. | 10 items |

CRM20615T

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E223474 |

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 35.5 mm | Depth (inches) | 1.3976 inch |
| Height | 27.4 mm | Height (inches) | 1.0787 inch |
| Width | 21 mm | Width (inches) | 0.8268 inch |
| Net weight | 35 g | | |

Temperatures

| | | | |
|-----------------------|----------------|---------------------|--|
| Storage temperature | -40 °C...85 °C | Ambient temperature | -40 °C...55 °C |
| Operating temperature | | Humidity | 25 °C / 95 % rel. humidity, no condensation |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Rated data UL

| | |
|-------------------------|---------|
| Certificate No. (cURus) | E223474 |
|-------------------------|---------|

Control side

| | | | |
|-----------------------|----------|------------------|---------------|
| Rated control voltage | 115 V AC | Rated current AC | 14 mA |
| Power rating | 1.63 VA | Coil resistance | 3610 Ω ± 10 % |
| Status indicator | No | | |

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. | 3000VA |
| 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 | Min. switching power | 10 mA @ 12 V, 100 mA @ 5 V |

General data

| | | | |
|------------------------|--|--------------------------------------|-----|
| Operating altitude | ≤ 2000 m, above sea level | Test button available | Yes |
| Version of test button | Lockable test button, Momentary test button | Mechanical switch position indicator | Yes |
| Colour | Transparent | UL 94 flammability rating | V-2 |

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Insulation coordination

| | | | |
|--|------------------|--|-------------------|
| Rated voltage | 250 V | Pollution severity | 3 |
| Surge voltage category | III | Dielectric strength for control side - load side | 2.5 kVeff/ 1 min |
| Dielectric strength of neighbouring contacts | 2.5 kVeff/ 1 min | Dielectric strength of open contact | 1.5 kVeff /1 min. |
| Impulse withstand voltage | 4 kV (1.2/50 µs) | Protection degree | IP40 |

Further details of approvals / standards

| | | | |
|-------------------------|-----------------|-----------------------|----------|
| Certificate No. (CSA) | 607178-80219312 | Certificate No. (VDE) | 40059812 |
| Certificate No. (cURus) | E223474 | | |

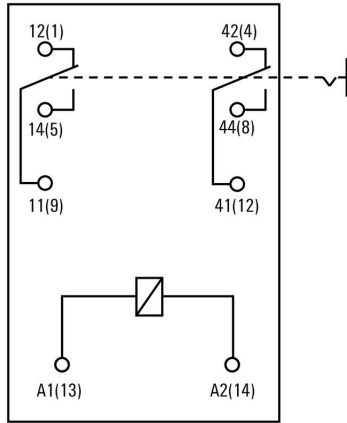
Connection data

| | | | |
|------------------------|--------------------|-----------------|---------|
| Wire connection method | Plug-in connection | Pitch in mm (P) | 5.00 mm |
|------------------------|--------------------|-----------------|---------|

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 | | |

Connection diagram



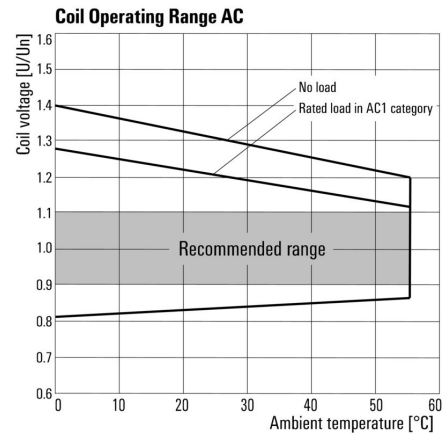
Graph



Graph



Graph



Dimensional drawing



Miscellaneous

Type code CUBESERIES relay versions



Type codes