



RECB-EV-C-4P-63-30

RECB-EV-C-4P-63-30, RCCB with self-reclosing system, type B

Code: P26M10.

- > Poles: 4
- > In (A): 63 A
- > Reclosing mode: remote control
- > Sensitivity: 30 mA
- > Type of protection: Type B

Description

RECB-EV-C is a type-B RCCB for single or three-phase installations intended for charging electric vehicles, linked to a reclosing motor, which enables safe reclosing of the corresponding RCCB. The reconnection system or mode of this device is via remote input. The device has an additional input for a remote trip, and an output indicating the status of the switch

Application

Device designed to provide residual current protection with reclosing system, intended for electric vehicle charging stations.



RECB-EV-C-4P-63-30

Reclosing type-B RCCB

Code: P26M10.

Specifications

AC power supply

| | |
|-----------|-------|
| Frequency | 50 Hz |
|-----------|-------|

DC power supply

| | |
|-----------------|----------------|
| Consumption | 6 W |
| Nominal voltage | 12Vdc (± 10 %) |

Electrical characteristics

| | |
|---------------------|-------------|
| Electrical lifetime | 2000 cycles |
|---------------------|-------------|

Mechanical characteristics

| | |
|----------------------------------|--------------------------|
| Size (mm) width x height x depth | 91 x 100 x 81 (mm) |
| Envelope | Plastic V0 polycarbonate |
| Fastening | DIN rail |
| Weight (kg) | 0,6 |

Environmental characteristics

| | |
|--|--|
| Protection class | IP20 |
| Relative humidity (without condensation) | 5 ... 95 % |
| Storage temperature | -40 ... +70 °C |
| Working temperature | Earth leakage protection: -25 ... +65 °C Reclosing: -10 ... +70 °C |

Current measurement circuit

| | |
|----------------------|------|
| Nominal current (In) | 63 A |
|----------------------|------|

Digital inputs

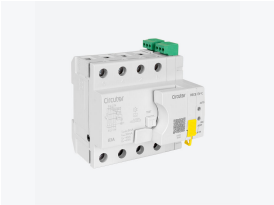
| | |
|------------------------------|--------|
| Input impedance | 4.4 KΩ |
| Quantity | 2 |
| Maximum open circuit voltage | 24 Vdc |

Standards

| | |
|--|-----------------------------------|
| Electrical safety, Maximum height (m) | 2000 |
| Electrical safety, Installation category | CAT III |
| Electrical safety, Contamination level/class | Pollution resistance 2 |
| Standards | IEC 62423, IEC 61010-1, IEC 63024 |

User interface

| | |
|-----|-------|
| LED | 2 LED |
|-----|-------|



RECB-EV-C-4P-63-30

Reclosing type-B RCCB

Code: P26M10.

Circuit breaker / RCCB

| | |
|---|-------|
| Rated conditional short-circuit current (Inc) | 10 kA |
| Nominal current (In) | 63 A |
| Assigned frequency (Hz) | 50 |
| Rated breaking and re-closure capacity (Im) | 630 A |

Digital transistor outputs

| | |
|-----------------|-------------|
| Quantity | 1 |
| Type | Optocoupler |
| Maximum voltage | 24 V dc |

Differential protection

| | |
|----------------------|----------------|
| Sensitivity (IΔn), A | 0,03 / 30 mAdc |
|----------------------|----------------|

RECB-EV-C

RCCB with reclosing, type B

| CODE | TYPE | Poles | In (A) | Reclosing mode |
|-----------------------------------|--------------------|-------|--------|----------------|
| Reclosing RCCB with status output | | | | |
| P26M00. | RECB-EV-C-4P-40-30 | 4 | 40 A | remote control |
| P26M10. | RECB-EV-C-4P-63-30 | 4 | 63 A | remote control |



RECB-EV-C-4P-63-30

Reclosing type-B RCCB

Code: P26M10.

Dimensions

