



RECB-EV-C-4P-40-30

RECB-EV-C-4P-40-30, RCCB with self-reclosing system, type B

Code: P26M00.

- > Poles: 4
- > In (A): 40 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.



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Reclosing type-B RCCB

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Specifications

AC power supply

Frequency 50 Hz

DC power supply

Consumption 6 W
Nominal voltage 12Vdc ($\pm 10\%$)

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 (I_n) 40 A

Digital inputs

Input impedance 4.4 K Ω
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



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Reclosing type-B RCCB

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Circuit breaker / RCCB

| | |
|---|-------|
| Rated conditional short-circuit current (Inc) | 10 kA |
| Nominal current (In) | 40 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 |



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Dimensions

