



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.



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

Reclosing type-B RCCB

Code: P26M00.

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 VO 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)	40 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-40-30

Reclosing type-B RCCB

Code: P26M00.

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 ($I\Delta n$), 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-40-30

Reclosing type-B RCCB

Code: P26M00.

Dimensions

