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# **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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# **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 (± 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 ΚΩ
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
Туре	Optocoupler
Maximum voltage	24 V dc

### Differential protection

Sensitivity (I∆n), A	0,03 / 30 mAdc	

#### RECB-EV-C

RCCB with reclosing, type  $\ensuremath{\mathsf{B}}$ 

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**





