



REC4-EV-C-4P-40-30

REC4-EV-C-4P-40-30, RCCB with self-reclosing

Code: P26L00.

- > Poles: 4
- > In (A): 40 A
- > Reclosing mode: remote control
- > Sensitivity: 30 mA
- > Type of protection: Type A

Description

REC4-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.



REC4-EV-C-4P-40-30

6mADC reclosing type A RCCB with monitoring

Code: P26L00.

Specifications

AC power supply

Frequency	50 Hz
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DC power supply

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

Electrical characteristics

Electrical lifetime	2000 cycles
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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	IP 20
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
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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 61008-1, IEC 62955, IEC 61010-1, IEC 63024

User interface

LED	2 LED
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REC4-EV-C-4P-40-30

6mADC reclosing type A RCCB with monitoring

Code: P26L00.

Circuit breaker / RCCB

Rated conditional short-circuit current (I _{nc})	10 kA
Nominal current (I _n)	40 A
Assigned frequency (Hz)	50
Rated breaking and re-closure capacity (I _m)	630 A

Digital transistor outputs

Quantity	1
Type	Optocoupler
Maximum voltage	24 V dc

Differential protection

Sensitivity (I _{Δn}), A	0,03 / 6 mAdc
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REC4-EV-C

RCCB with supervision and reclosing 6mADC, type A

CODE	TYPE	Poles	I _n (A)	Reclosing mode
Self-reclosing RCCB with status output				
P26L00.	REC4-EV-C-4P-40-30	4	40 A	remote control
P26L01.	REC4-EV-C-4P-63-30	4	63 A	remote control

3 reconnections: 3, 20, 180 s. Complies with the EN 50557 Standard



REC4-EV-C-4P-40-30

6mADC reclosing type A RCCB with monitoring

Code: P26L00.

Dimensions

