

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.

Circutor



Reclosing type-B RCCB

Code: P26M10.

Specifications

Frequency 50 Hz De power supply Consumption 6 W Rominal voltage 12Vdc (± 10 %) 12Vdc (± 10 %) Electrical characteristics Consumption 91 x 100 x 81 (mm) Electrical characteristics Pastic VD polycarbonate Pastic VD polycarbonate Fastering DIN rail Pastic VD polycarbonate Environmental characteristics PP20 Relative humidity (without condensation) S	AC power supply	
Consumption 6 W Nominal voltage 12Vdc (± 10 %) Electrical infetime 2000 cycles Electrical infetime 2000 cycles Mechanical characteristics 2000 cycles Size (mm) width x height x depth 91 x 100 x 81 (mm) Envelope Plastic VD polycarbonate Fastening DIN rail Weight (kg) 0.6 Environmental characteristics Protection class Protection class IP20 Relative humidity (without condensation) 595 % Storage temperature -40+70 °C Working temperature -63 A Digital inputs Input impedance Input impedance 4.4 KQ Quantity 2 Input impedance 24 Vdc Kandards Z000 Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III Electrical safety, Contamination level/class Pollution resistance 2 Storaderds Electrical safety, Contamination level/class <th>Frequency</th> <th>50 Hz</th>	Frequency	50 Hz
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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 Envelope Protection class 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 Storage temperature Nominal current (in) 63 A Digital inputs 2 Input impedance 4.4 KQ Quantity 2 Variant safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III Electrical safety, Contamination level/class Pollution resistance 2 Stordards IEC 4223, IEC 61010-1, IEC 63024	Consumption	6 W
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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 63 A Nominal current (In) 63 A Digital inputs Input impedance 4.4 KΩ Quantity 2 Maximum open circuit voltage 24 Vdc Storage temperature Current settemperature Electrical safety, Maximum height (m) 2000 Electrical safety, Contamination level/class Pollution resistance 2 Standards Electrical safety, Contamination level/class	Environmental characteristics	
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Current measurement circuit 63 A Nominal current (In) 63 A Digital inputs 1 Input impedance 4.4 KΩ Quantity 2 Maximum open circuit voltage 24 Vdc Standards 2 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	Storage temperature	-40 +70 °C
Nominal current (In)63 ADigital inputsInput impedance4.4 KΩQuantity2Maximum open circuit voltage24 VdcStandardsElectrical safety, Maximum height (m)2000Electrical safety, Installation categoryCAT IIIElectrical safety, Contamination level / classPollution resistance 2StandardsIEC 62423, IEC 61010-1, IEC 63024	Working temperature	Earth leakage protection: -25 +65 °C Reclosing: -10 +70 °C
Digital inputs Input impedance 4.4 KΩ Quantity 2 Maximum open circuit voltage 24 Vdc Standards 2000 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	Current measurement circuit	
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Maximum open circuit voltage 24 Vdc Standards 2000 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	Input impedance	4.4 ΚΩ
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Electrical safety, Maximum height (m)2000Electrical safety, Installation categoryCAT IIIElectrical safety, Contamination level/classPollution resistance 2StandardsIEC 62423, IEC 61010-1, IEC 63024	Maximum open circuit voltage	24 Vdc
Electrical safety, Installation category CAT III Electrical safety, Contamination level/class Pollution resistance 2 Standards IEC 62423, IEC 61010-1, IEC 63024	Standards	
Electrical safety, Contamination level/class Pollution resistance 2 Standards IEC 62423, IEC 61010-1, IEC 63024	Electrical safety, Maximum height (m)	2000
Standards IEC 62423, IEC 61010-1, IEC 63024	Electrical safety, Installation category	CAT III
	Electrical safety, Contamination level/class	Pollution resistance 2
User interface	Standards	IEC 62423, IEC 61010-1, IEC 63024
	User interface	
LED 2 LED	LED	2 LED





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		
Туре	Optocoupler		
Maximum voltage	24 V dc		
Differential protection			
Sensitivity (ΙΔn), A	0,03 / 30 mAdc		
SETSILIVILY (IDIT), A	U,US / SU IIIAUL		

RECB-EV-C

RCCB with reclosing, type B

CODE	ТҮРЕ	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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Reclosing type-B RCCB

Code: P26M10.

Dimensions

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