



RECB-C-4P-40-300

RECB-C-4P-40-300, RCCB with self-reclosing system, type B

Code: P26M01.

- > Poles: 4
- > In (A): 40 A
- > Reclosing mode: remote control
- > Sensitivity: 300 mA
- > Breaking element: built-in
- > Type of protection: Type B

Description

RECB-C is a 4-pole type B RCCB for single or three-phase installations linked to a smart reclosing motor, which enables safe reclosing of the corresponding RCCB. Compact device, installed as an RCCB, no need for any wiring between the motor and the RCCB.

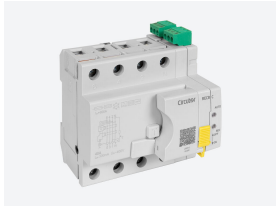
The reconnection system or mode of this device is via remote input.

The device has an additional input for a remote trip, and an output indicating the status of the switch.

Application

Residual current protection device for all those electrical loads needing type B residual current protection and full, continuous power supply that are faced with unforeseen incidents not caused by electric insulation which cause the RCCB to trip.

- Service sector: Air conditioning, cold storage rooms, UPSs, etc.
- Industrial Sector: speed variators, UPSs, electrical machinery, industrial process systems.
- Photovoltaic applications.



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Self-reclosing RCCB

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Specifications

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 115.6 x 81 (mm)
Screw type	Power and load terminals: PZ2 (M5) Auxiliary terminals: M3
Envelope	Plastic V0 polycarbonate
Torque setting	Power and load terminals: 1.4... 3 Nm Auxiliary terminals: 0.5... 0.6 Nm
Cable gauge at power supply terminals	1 ... 25 mm ²
Cable gauge at input and output terminals	0.05 ... 1.5 mm ²
Cable gauge at voltage terminals	1 ... 25 mm ²
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

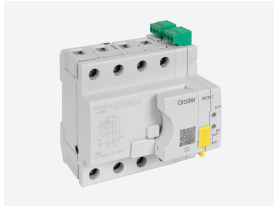
Nominal current (In)	40 A
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Digital inputs

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 63024, IEC 62423



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User interface

LED	2 LED
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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

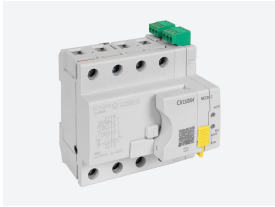
Differential protection

Sensitivity (I _{Δn}), A	0,3 / 300 mAdc
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RECB-C

Reclosing RCCB with status output

CODE	TYPE	Poles	I _n (A)	Reclosing mode	Breaking element
P26M01.	RECB-C-4P-40-300	4	40 A	remote control	built-in
P26M11.	RECB-C-4P-63-300	4	63 A	remote control	built-in



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Dimensions

