



REC3C 2P-40-300T, RCCB with self-reclosing

Code: P26721. DESCATALOGADO

> Poles: 2 > In (A): 40 A

> Reclosing mode: Time > Sensitivity: 300 mA > Breaking element: built-in > Type of protection: Type A

#### Description

The REC3 range includes 2- or 4-pole RCCBs associated with a smart reclosing motor, which enables the safe reclosing of its associated RCCB. The **REC3C** version can signal the protection and reclosing functions via 2 status outputs.

Compact unit, installed as an RCCB. No connections are required between the motor and RCCB. The insulation reclosing mode is used in the case of high-sensitivity protection functions, so that the unit is only reclosed when the error that tripped it is resolved.

The timed reclosing mode is adopted in the case of lower sensitivities in electrically complex installations, in order to guarantee the continuity of the electric supply. The unit has a locking system that determines the operation in manual or automatic mode (reclosing system enabled).

#### **Application**

All electrical installations that require full electrical service continuity in the event of unforeseen situations that can trip the RCCB as a result of causes unrelated to the electrical insulation.

- O Domestic sector: refrigerators, alarms, garage doors
- o Service sector: air-conditioning, refrigerating chambers, lighting, UPS, etc.
- o Industry sector: control of critical production processes.







Self-reclosing RCCB

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### **Specifications**

AC power supply	
Installation category	CAT III 300 V
Consumption	5 VA
Frequency	50/60 Hz (± 5 %)
Nominal voltage	230 V ~ (± 15 %)
Mechanical characteristics	
Size (mm) width x height x depth	79.5 x 120 x 82 (mm)
Envelope	Plastic VO polycarbonate
Fastening	DIN rail
Weight (kg)	0,416
Environmental characteristics	
Protection class	IP 20
Relative humidity (without condensation)	5 95 %
Storage temperature	-35 +65 °C
Working temperature	-25 +55 °C
Measurement circuit	
Defect resistance (Rd) / Differential response	$<$ 15 k $\!\Omega$ / Do not self-reclosing
Accepted minimum resistance (Rd0) / Differential response	$>$ 5 k $\Omega$ / Self-reclosing
Standards	
Electrical safety, Maximum height (m)	2000
Standards	UNE-EN 61008-1, UNE-EN 50557
User interface	
LED	2 LED: AUTO, color green / REC, color red
Circuit breaker / RCCB	
Rated conditional short-circuit current (Inc)	10 kA to 230/400V with gB 80A fuse
Nominal current (In)	40 A
Assigned frequency (Hz)	50/60
Rated breaking and re-closure capacity (Im)	500 A
Shock wave resistance	Class A, AC: 250A 8/20µs Class S: 3000A 8/20µs
Rated nominal voltage (Un)	230 V ~
Digital relay outputs	
Туре	2 Changeover contacts







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Nominal voltage	230 V ~
Maximum current	0,13 A
Differential protection	
Туре	Type A
Sensitivity (I∆n), A	0,3
Delay time ( $t\Delta$ )	INS
Protection	
Circuit breaker type	Circuit breaker / RCCB
Reclosure type	
Reclosure number	3
Reclosure time	3/20/180 s

<sup>3</sup> reconnections: 3, 20, 180 s.







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### **Dimensions**





