

# REC3

## Self-reclosing RCCB



### 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).

### Applications

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.

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

### Technical features

<b>Protection</b>	Type	RCCB, class A
	Sensitivity, $I_{\Delta n}$	30 or 300 mA, depending on the model
	Trip delay, $t_{\Delta n}$	Instantaneous
	Nominal current, $I_n$	40 or 63 A, depending on the model
	Number of poles	2 or 4 poles, depending on the model
	Test	Built-in button on the switch
	Reset	Mechanism on the motor's front panel (ON/OFF)
	Associated circuit breaker	RCCB
	ID status output ( <b>REC3C</b> only)	Changeover contact, 230 V~ 130 mA
	<b>Reclosing system</b>	Number of reclosures
Time between reclosures		3, 20, 180 s
Reset time of the reclosing system meter		3, 20, 180 s
Reclosing system blocking output ( <b>REC3C</b> only)		Changeover contact, 230 V~ 130 mA
Reclosing system deactivation		Mechanism on the motor's front panel (ON/OFF). Sealable.
<b>Electrical features</b>		Number of poles/Service voltage
	Auxiliary power supply	230 V~ ±20% 50 / 60 Hz
	Relay output contacts ( <b>REC3C</b> only)	230 V~ 130 mA
	Operating temperature	-25 ... +55 °C
<b>Mechanical features</b>	Attachment	DIN 46277 rail ( <b>EN 50022</b> )
	Dimensions	2 poles: 4.5 modules 4 poles: 6.5 modules
	Weight	2 poles: 560 g 4 poles: 693 g
	Protection degree	IP 40
<b>Standards</b>	<b>IEC 61008-1, UNE-EN 50557</b>	

# REC3

## Self-reclosing RCCB

### References

#### 2 POLES

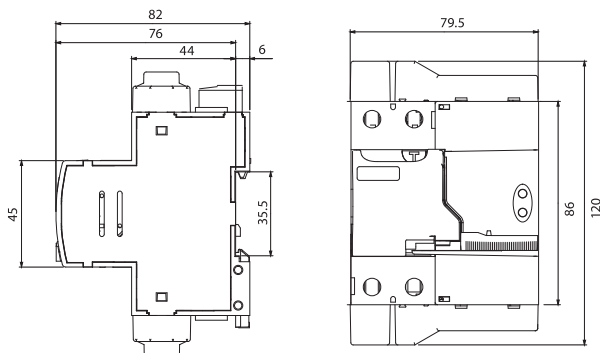
Type	Code	Type (with contact)	Code	Reclosing mode	$I_n$ (A)	Sensitivity
REC3-2P-40-30M	P26121	REC3C 2P-40-30M	P26811	Insulation	40	30 mA
REC3-2P-63-30M	P26131	REC3C 2P-63-30M	P26814	Insulation	63	30 mA
REC3-2P-40-300T	P26123	REC3C 2P-40-300T	P26721	Time	40	300 mA
REC3-2P-63-300T	P26133	REC3C 2P-63-300T	P26724	Time	63	300 mA

#### 4 POLES

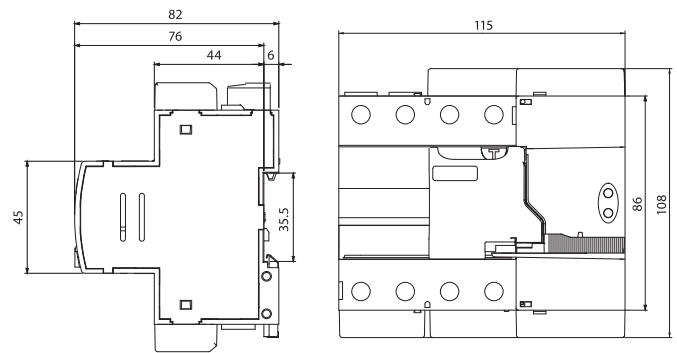
Type	Code	Type (with contact)	Code	Reclosing mode	$I_n$ (A)	Sensitivity
REC3-4P-40-30M	P26221	REC3C 4P-40-30M	P26812	Insulation	40	30 mA
REC3-4P-63-30M	P26231	REC3C 4P-63-30M	P26815	Insulation	63	30 mA
REC3-4P-40-300T	P26223	REC3C 4P-40-300T	P26722	Time	40	300 mA
REC3-4P-63-300T	P26233	REC3C 4P-63-300T	P26725	Time	63	300 mA

### Dimensions

#### 2 POLES

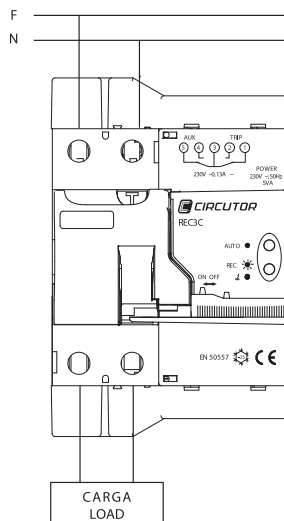


#### 4 POLES



### Connections (REC3C)

#### 2 POLES



#### 4 POLES

