

Residual Current Devices

4 Series

1-Module MCB/RCD Combination C-Curve, Electronic - Industrial RCBO

These 240V single-phase single-pole combination devices incorporate the same housing (one base module wide) and installation features as the MCBs.

This range has C-Curve characteristic to suit most applications.

Features and benefits:

- Same base module as the 10kA MCBs. Uniformity in space requirements and installation.
- Same housing and installation features as the MCBs. Safe, easy and speedy installation.
- Extra long 950mm Neutral line cable.
- Trip-free handle through an over-centre toggle mechanism that ensures tripping even when the handle is held or locked in the ON position.
- A push-test button (T) is positioned on the front of the device for testing.
- Suitable for Clipsal 4MCxxM series fish bone chassis switchboards.

Applications

A-type

- General applications.

1-Pole, 1-Module, 240V

A-type, 30mA, non-delayed, 40ms trip time

Catalogue No.	C-Curve	kA rating
4RCBE110/30	10A	10kA
4RCBE116/30	16A	10kA
4RCBE120/30	20A	10kA
4RCBE125/30	25A	10kA
4RCBE132/30	32A	10kA
4RCBE140/30	40A	10kA

1-Pole, 1-Module, 240V

A-type, 10mA, non-delayed, 40ms trip time

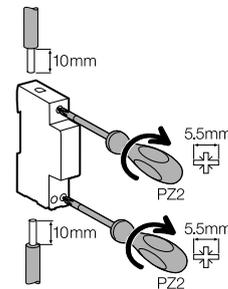
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4RCBE120/10	20A	10kA



4RCBE120/30

Connection

Type	Rating	Tightening torque	Copper cables	
4RCBE1xx/xx			Rigid	Flexible or ferrule
				
L and N upstream	10 to 40A	2 Nm	1 to 25mm ²	1 to 16mm ²
L and N downstream	10 to 40A	2 Nm	1 to 16mm ²	1 to 16mm ²



Weight

Residual current device	
Type	4RCBE1xx/xx
1P	180g

Technical Data

Main characteristics		
Voltage rating (Ue)	240V + 10%, -15%	
Rated nominal breaking capacity (Icn)	10,000A	
Phase/eEarth rated residual breaking and making capacity (IΔm)	10,000A	
Additional characteristics		
Degree of protection	At the terminals	IP20
Endurance (O-C)	Mechanical	20,000 cycles
Operating temperature	-5°C to 40°C	
Storage temperature	-25°C to 80°C	
Tropicalisation	Treatment 2 (relative humidity 95% at 55°C)	

Dimensions (mm)

