

-PowerBreaker-

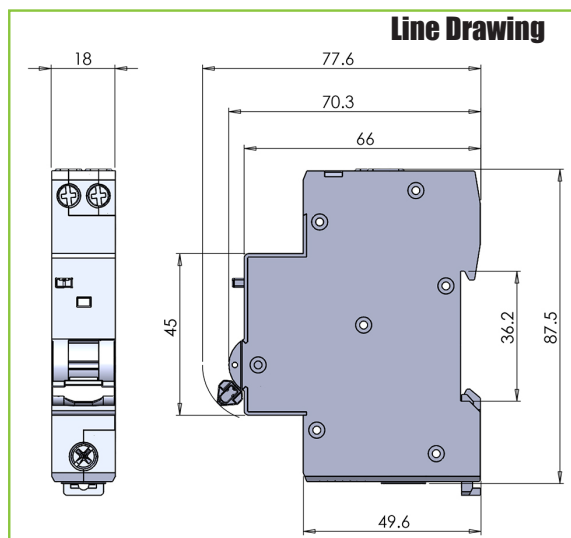
RCBO Range

(Residual-current Circuit Breaker with Overcurrent)

The Powerbreaker range of circuit protection devices are designed and tested for use with PowerBreaker Consumer Units.

These devices **MUST** be installed by a qualified electrician in accordance with the latest wiring regulations (BS7671).

- + **Rated Short Circuit Capacity 6kA**
- + **Single Pole**
- + **Operational Characteristics Type A, 30mA**
- + **Instantaneous Tripping B Curve**



Type A

- Provides protection against AC earth fault currents and pulsating DC currents, whether suddenly applied or slowly increasing.

Type B curve is used for the protection of circuits with equipment that have low surge currents.

	PBR06B	PBR10B	PBR16B	PBR20B	PBR25B	PBR32B	PBR40B
Rated Residual Current	6A	10A	16A	20A	25A	32A	40A
Pack Quantity	1						
Barcode	5012739 653995	5012739 654008	5012739 654015	5012739 654022	5012739 654251	5012739 654039	5012739 654046
Number of Poles	1P+N						
Rated Voltage	230/240VAC						
Rated Residual Current	30mA						
Type of Residual Current	Type A						
Rated Frequency	50/60Hz						
Rated Short-Circuit Capacity	6kA						
Tripping Characteristics	Type B						
Energy Limiting Class	3						
Index of Protection	IP20						
Terminals	1 -16mm ² & 1 -10mm ²						
Mechanical Endurance	10,000 times						
Electrical Endurance	4,000 times						
Ambient Temperature	- 25°C to +55°C						
Storage Temperature	- 40°C to +70°C						
Torque (Recommended minimum tightening)	2.0Nm						
Din Rail Mounting	Yes						
Guarantee	3 Years						
Conforms To	BS EN 61009						

TECHNICAL DATA SHEET

