

-PowerBreaker-

B Curve

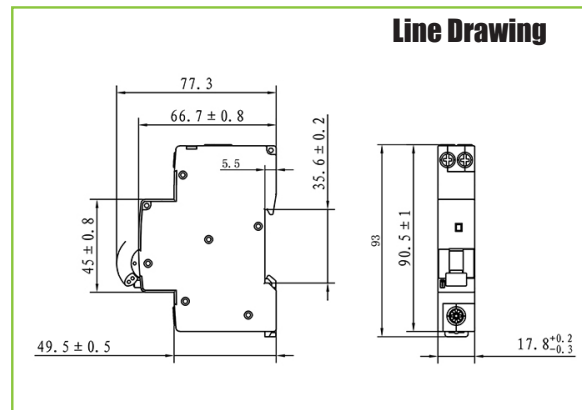
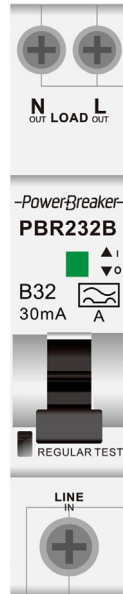
RCBO Range (Residual-current Circuit Breaker with Overcurrent)

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
- + Double Pole
- + Operational Characteristics Type A, 30mA
- + Instantaneous Tripping B Curve

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



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

	PBR206B	PBR210B	PBR216B	PBR220B	PBR225B	PBR232B	PBR240B
Rated Residual Current	6A	10A	16A	20A	25A	32A	40A
Pack Quantity	1						
Barcode	5012739 654268	5012739 654274	5012739 654282	5012739 654299	5012739 654305	5012739 654312	5012739 654329
Number of Poles	1P+N (Switched Neutral)						
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	Pillar Type 25mm ²						
Mechanical Endurance	30,000 times						
Electrical Endurance	10,000 times						
Ambient Temperature	- 5°C to +55°C						
Storage Temperature	- 25°C to +70°C						
Torque (Recommended minimum tightening)	2.5Nm						
Din Rail Mounting	Yes						
Guarantee	3 Years						
Conforms To	BS EN 61009						

TECHNICAL DATA SHEET

-PowerBreaker-

RCBO Range

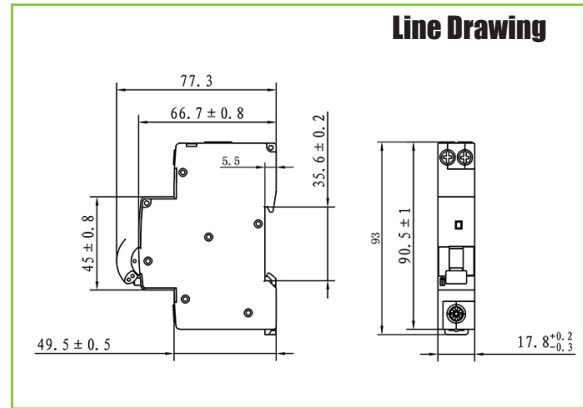
(Residual-current Circuit Breaker with Overcurrent)

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
- + Double Pole
- + Operational Characteristics Type A, 30mA
- + Instantaneous Tripping C Curve

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



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

	PBR206C	PBR210C	PBR216C	PBR220C	PBR225C	PBR232C	PBR240C
Rated Residual Current	6A	10A	16A	20A	25A	32A	40A
Pack Quantity	1						
Barcode	5012739 654343	5012739 654350	5012739 654367	5012739 654374	5012739 654381	5012739 654398	5012739 654404
Number of Poles	1P+N (Switched Neutral)						
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 C						
Energy Limiting Class	3						
Index of Protection	IP20						
Terminals	Pillar Type 25mm ²						
Mechanical Endurance	30,000 times						
Electrical Endurance	10,000 times						
Ambient Temperature	- 5°C to +55°C						
Storage Temperature	- 25°C to +70°C						
Torque (Recommended minimum tightening)	2.5Nm						
Din Rail Mounting	Yes						
Guarantee	3 Years						
Conforms To	BS EN 61009						

TECHNICAL DATA SHEET