



6kA B Curve 1P+N Bi-Directional RCBO

Specification Sheet

Part No: EP1P-RCBO-Bxx-BD

- Single Module
- A Type
- 6kA Rated
- Switched Live & Neutral
- B Curve



Technical Specification

Specification	
Bi-Directional	Yes
No. of poles	1MOD (1P+N)
Rated current	6A - 40A
Rated voltage Ue	230/240V AC
Insulation voltage	500V
Rated frequency	50Hz
Breaking capacity	10,000A
Tripping characteristics	B curve
Energy rating class	3
Rated impulse withstand voltage Uimp	4000V
Standard	BS EN 61009-1
Certification	CE, UKCA, CB
Protection degree front face/screw terminal)	IP40/IP20
Degree of pollution	2
Storage temperature	-40°C to +70°C
Ambient operating temperature	-25°C to +40°C
Calibration temperature	+30°C

Installation

Specification	
Terminal connection type	Cable/Pin-type busbar
Terminal size - supply	25 mm ²
Terminal size - load	16 mm ²
Tightening torque	Supply/Bottom: 2.5Nm max, Load/TOP: 1.2Nm
Max. altitude	2,000m
Mounting	35mm Din rail, clip on

Specification

Specification	
Operating dolly lockable in ON & OFF positions	Yes
Positive contact position indicator	Yes
Electrical life	4,000 cycles
Mechanical life	10,000 cycles
Moulding material	PA66 nylon
Busbar connectivity thickness	N/A
Guarantee	10 years