

10kA Single Pole Bi-Directional RCBO - C Curve

Part No: EP1PD-RCBO-CxxBD

Technical Specification

Bi-Directional	Yes
No. of Poles	1MOD (1P+N)
Rated Current	6A - 50A
Rated voltage Ue	230/240V AC
Insulation voltage	500V
Rated frequency	50Hz
Breaking capacity	10,000A
Tripping Characteristics	C 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

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



Installation

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