



RCBO B Curve

Specification Sheet

Part No: EP1P-RCBO-BXX

Technical Specification

Specification	
Mode	Electronic
Type	A
Poles	1P+N
Rated voltage Ue	240V~
Insulation voltage Ui	500V
Rated frequency	50/60Hz
Rated residual operation current(IΔn)	30mA
Break time under IΔn	≤0.1s
Rated breaking capacity	6,000A
Energy limiting class	3
Rated impulse withstand voltage (1.5/50) Uimp	4,000V
Dielectric test voltage at ind.Freq. for 1min	2kV
Pollution degree	2
Thermo-magnetic release characteristic	B

Installation

Specification	
Terminal connection type	Cable/Pin-type Busbar
Terminal size top/bottom for cable	16mm ² 18-5AWG
Terminal size top/bottom for busbar	16mm ² 18-5AWG
Tightening torque	2.5Nm 22In-lbs
Mounting	On DIN rail EN60715(35mm) by means of fast clip device
Connection	Power supply from top



Mechanical Features

Specification	
Electrical life	4,000 Cycles
Mechanical life	10,000 Cycles
Contact position indicator	Yes
Protection degree	IP20
Reference temperature for setting of thermal element	30°C
Ambient temperature (with daily average ≤ 35°C)	-5°C ~ 40°C
Storage temperature	-25°C ~ 70°C