



## RCBO C Curve

### Specification Sheet

Part No: EP1P-RCBO-Cxx

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

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	C

#### Installation

Specification	
Terminal connection type	Cable/Pin-type Busbar
Terminal size top/bottom for cable	16mm <sup>2</sup> 18-5AWG
Terminal size top/bottom for busbar	16mm <sup>2</sup> 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