




Residual Current Device

Specification Sheet

Part No: EP2P-RCD-**A**XX/30

Technical Specification

Specification	
Mode	Electromagnetic
Type	A
Poles	2P (1P+N)
Rated voltage U_e	2P 240V~
Insulation voltage U_i	500V
Rated frequency	50/60Hz
Rated residual operation current ($I_{\Delta n}$)	30mA
Rated residual making and breaking capacity ($I_{\Delta m}$)	500A ($I_n \leq 40A$)
Short-circuit current $I_{nc} = I_{\Delta c}$	6,000A
SCPD fuse	 6000
Break time under $I_{\Delta n}$	$\leq 0.1s$
Rated impulse withstand voltage (1.5/50) U_{imp}	4000V
Dielectric test voltage at ind.Freq. for 1min	2.5kV
Electrical life	2,000 Cycles
Mechanical life	4,000 Cycles



Installation

Specification	
Contact position indicator	Yes
Protection degree	IP20
Ambient temperature (with daily average $\leq 35^\circ C$) storage temperature	$-5^\circ C \sim 40^\circ C$
Storage temperature	$-25^\circ C \sim 70^\circ C$
Terminal connection type	Cable/Pin-type Busbar
Terminal size top/bottom for cable	35mm ² 18-2AWG
Terminal size top/bottom for busbar tightening torque	35mm ² 18-2AWG
Tightening torque	3.0Nm 22In-lbs
Mounting	On DIN rail EN60715 (35mm) by means of fast clip device
Connection	Power supply in both directions