

CFR9-63

Residual Current Circuit Breaker



B



Description

Residual current circuit breaker provides the protection against earth fault/leakage current and isolation function. Also provides the indirect protection against the operator and the protection of the fire caused by the electric circuit faulty.

Technical Data

- Standard: IEC61008
- Residual current characteristics: A, AC
- Pole No.: 2P, 4P
- Rated making and breaking capacity: 630A
- Rated current(A): 25, 40, 63
- Rated voltage: 240/415V AC
- Rated frequency: 50/60Hz
- Rated residual operating current $I_{\Delta n}$ (mA): 30, 100, 300, 500
- Rated residual non operating current $I_{\Delta no}$: $0.5I_{\Delta n}$
- Rated conditional short-circuit current I_{nc} : 10kA
- Rated conditional residual short-circuit Current $I_{\Delta c}$: 10kA
- Tripping duration: instantaneous tripping $\leq 0.1s$
- Residual tripping current range: $0.5I_{\Delta n} \sim I_{\Delta n}$
- Electro-mechanical endurance: 4000 cycles
- Connection capacity: Rigid conductor 25mm²
- Connection terminal:
 - Screw terminal
 - Pillar terminal with clamp
- Fastening torque: 2.0Nm
- Installation:
 - On symmetrical DIN rail 35mm

Wiring Diagram



Overall & Installation Dimensions

