

CFR8-50

Residual Current Circuit Breaker with Overcurrent Protection



B

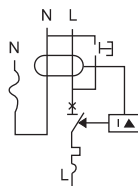
Construction and Feature

- Elegant appearance; cover and handle in arc shape make comfortable operation.
- Contact position indicating window
- RCBO handle can be locked either at “ON” position or at “OFF” position to prevent unwanted operation of the product.
- Provides protection against earth fault/leakage current, short-circuit and overload
- High short-circuit capacity
- Provides complementary protection against direct contact by human body.
- Effectively protects electric equipment against insulating failure
- Contact position indication

Technical Data

- Standard: IEC61009
- Residual current characteristics: AC
- Pole No.: 1P+N
- Tripping curve: B,C,D
- Rated short-circuit capacity: 10kA
- Rated current (A):
6, 10, 16, 20, 25, 32, 40, 50
- Rated voltage: 240V AC
- Rated frequency: 50/60Hz
- Rated residual operating current (mA):
30, 100, 300
- Tripping duration: instantaneous $\leq 0.1s$
- Electro-mechanical endurance:
4000 cycles
- Connection terminal: pillar terminal with clamp
- Connection capacity:
○ Flexible conductor 10mm²
○ Rigid conductor 16mm²
- Installation:
○ On symmetrical DIN rail 35mm

Wiring Diagram



Overall & Installation Dimensions

