

# RCCB

## RCCB-Residual Current Circuit Breaker

It cuts off the supply current when a person comes in direct contact with live parts of the electrical network

If the earth leakage current through the human body exceeds rated sensitivity of RCCB, the RCCB will switch off automatically

High degree of protection against electrocution

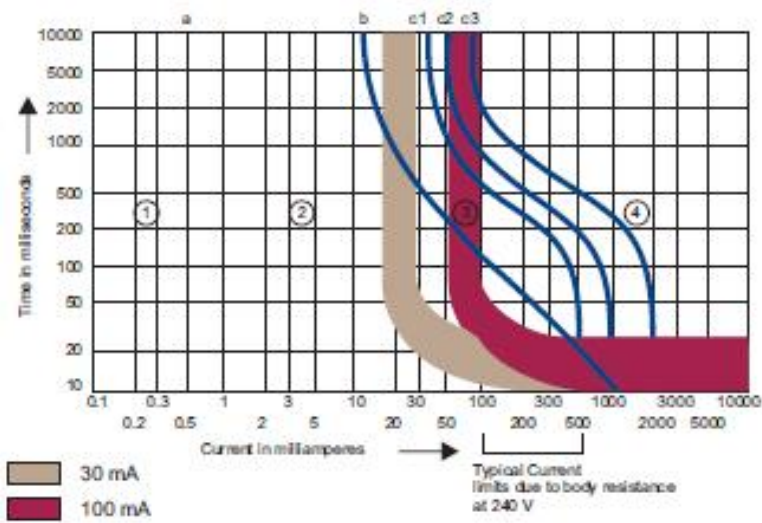
In event of a fault, it disconnects the main supply instantaneously.



### Technical specification

Certification	IS : 12640 -1(2000) / IEC 1008 - 1(1996)
Configuration	2 Pole & 4 Pole
Rated Current	16A, 25A, 32A, 40A, 63A
Sensitivity	30mA, 100mA, 300mA
Rated Voltage	2 Pole - 240V & 4 Pole - 415V
Frequency	50 Hz - 60Hz
Protection Class	Ip20
Mounting	Din Rail
Break Time	<0.04 sec
Weight	2 Pole - 0.235kg. & 4 Pole - 0.400kg.
Terminal Capacity	1.0 - 25mm
Temperature Range	-25 Degree to 55 Degree C

- Zone Physiological Effects
- Zone 1 Usually no reaction effects
- Zone 2 Usually no harmful physiological effects
- Zone 3 Usually no organic damage to be expected. Likelihood of muscular contraction, difficulty in breathing, reversible disturbances of heart and transient cardiac arrest.
- Zone 4 In addition to the effects of Zone 3, probability of ventricular fibrillation also cardiac arrest, breathing arrest and heavy



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