

# Earth Leakage Circuit Breaker

This earth leakage circuit breaker protects against electrical shock and fire hazards caused by ground faults. The device monitors current balance and trips when an imbalance exceeds a set threshold, interrupting power.



## Overview

### Safety and Protection

This Earth Leakage Circuit Breaker is engineered to provide essential protection against electrical shock and fire hazards resulting from ground faults. By continuously monitoring the current balance between supply and return conductors, the device ensures rapid power interruption if an imbalance is detected. Its compact design allows for seamless integration into standard distribution boards, making it a reliable solution for residential, commercial, and industrial electrical systems.

## Technical Specifications

### Rated Current

**16 A**

Rated Current

**30 mA**

Residual Operating Current (I<sub>h</sub>)

### Electrical Ratings

Parameter	Value
Voltage	230V
Frequency	50Hz
Rated Current	16A
Residual Current	30mA

## Standards & Compliance

### Standards Compliance

IEC 1008, IEC 1009-1, EN 61009-1

## Key Features

### Application Areas

- Residential electrical systems
- Commercial distribution boards
- Industrial power protection