

Residual Current Circuit Breaker with Over-current Protection

This residual current circuit breaker with overcurrent protection (RCBO) combines a circuit breaker and residual current device. The device is designed to trip and interrupt the circuit when a fault is detected, minimizing the risk of electric shock and fire.



Overview

Comprehensive Electrical Protection

This Residual Current Circuit Breaker with Overcurrent Protection (RCBO) is a versatile safety device designed for residential, commercial, and industrial applications. It combines the functions of a standard circuit breaker and a residual current device, offering robust protection against overloads, short circuits, and earth leakage faults. By quickly interrupting the circuit when a fault is detected, it significantly minimizes the risk of electric shock and electrical fires.

Key Performance Metrics

Performance Highlights

4500 A

Breaking Capacity

32 A

Rated Current

Technical Specifications

Tripping Curve

Type C

Model Series	BGDZ6SLE-63/3
Protection Functions	Overload Protection, Short Circuit Protection, Earth Leakage Protection

Operation & Safety

Suitable Applications

- Residential electrical systems
- Commercial buildings
- Industrial installations

Status Indicators

Position	Status
O-OFF	Circuit Disconnected
D-OFF	Fault/Manual Trip