

# 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