

Residual Current Circuit Breaker with Over-current Protection

This residual current circuit breaker with overcurrent protection (RCBO) combines the functions of a miniature circuit breaker (MCB) and a residual current device (RCD). It provides protection against short circuits, overloads, and earth leakage currents.



ADDITIONAL IMAGES



Product Overview

Comprehensive Protection

The SCB8LE series is a high-performance residual current circuit breaker designed to safeguard circuits against electrical leakage, overloads, and short circuits. It combines the functionality of an MCB and an RCD into a single compact unit for enhanced safety in residential, commercial, and industrial electrical systems. The device ensures rapid power cutoff within 0.1 seconds in the event of an electrical shock or residual current fault.

Technical Specifications

Rated Voltage	230V (Single-Phase) / 415V (3-Phase)
Rated Current	63 A
Operating Frequency	50 Hz

Performance Metrics

Tripping Time

0.1 s
Max Cut-off Time

Short-Circuit Breaking Capacity	4000 A
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Safety Ratings

Residual Current Sensitivity	30 mA
Compliance Standards	IEC60898, IEC61009.1, GB16917.1

Features

Key Features

- Overload protection
- Short circuit protection
- Electrical leakage protection
- ON/OFF indicator