

# 40A Type B Residual Current Circuit Breaker

This 40A Type B residual current circuit breaker (RCCB) is designed for electrical protection. It has a 0.03A residual operating current and complies with IEC/EN standards.



## ADDITIONAL IMAGES



## Overview

### Advanced Protection for Modern Electrical Systems

This Type B Residual Current Circuit Breaker (RCCB) provides comprehensive protection by detecting both high-frequency AC and pure DC earth leakage currents. Designed for demanding applications such as EV charging, PV installations, and UPS systems, it ensures safety against fire hazards and indirect contact. Its instantaneous tripping mechanism offers reliable, immediate disconnection to safeguard both people and sensitive electrical infrastructure.

## Technical Specifications

|  |         |
|--|---------|
| Rated Current                                | 40 A    |
| Rated Voltage                                | 400 V   |
| Residual Operating Current (I <sub>h</sub> ) | 0.03 A  |
| Frequency                                    | 50 Hz   |
| Impulse Current (I <sub>m</sub> )            | 500 A   |
| Rated Conditional Short-Circuit Current      | 10000 A |
| Minimum Operating Temperature                | -25 °C  |

## Compliance & Standards

|                      |                              |
|----------------------|------------------------------|
| Standards Compliance | IEC/EN 61008-1, IEC/EN 62423 |
|----------------------|------------------------------|

## Features

### Typical Applications

- EV & PV installations
- Frequency converters
- UPS installations
- High-frequency power converters
- Building site power supply cabinets

### Key Features

Instantaneous Tripping • Type B Detection • Monthly Test Button • Visual Status Indication