

# Residual Current Circuit Breaker 40A

This residual current circuit breaker (RCCB) protects against electrical shock and fire hazards caused by earth leakage currents. It is rated for 40A and has a residual operating current of 0.03A (30mA).



## ADDITIONAL IMAGES



## Product Overview

### Residual Current Circuit Breaker (RCCB)

This EKL6-100 series Residual Current Circuit Breaker is engineered to provide essential protection against electrical shock and fire hazards caused by earth leakage currents. It is designed to react to both AC and pulsating DC fault currents, ensuring reliable safety in residential and commercial electrical systems. The device features a user-friendly test button for monthly functional verification and clear status indicators.

## Electrical Ratings

Rated Current	40 A
Rated Voltage	230/240V AC, 400/415V AC
Frequency	50/60 Hz

## Performance Metrics

### Key Performance Metrics

**0.03 A**

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

**500 A**

Making and Breaking Capacity (I<sub>m</sub>)

**6000 A**

Rated Conditional Short-Circuit Current (I<sub>nc</sub>)

## Compliance and Standards

### Standards & Compliance

IEC/EN 61008-1 • CE • UKCA

## Installation & Usage

### Status Indicators

- O-OFF position indication
- Neutral (N) terminal marking

### Maintenance

Includes test button for monthly testing