

# Residual Current Circuit Breaker with Over-current Protection

This RCBO provides protection against electric shock, overload, and short circuit. It can also increase the overvoltage protection function according to user needs.



## ADDITIONAL IMAGES



## Product Overview



Standard RCBO unit designed for efficient electrical panel installation.

## Professional Electrical Protection

This residual current circuit breaker with overcurrent protection (RCBO) provides a comprehensive safety solution for architectural lighting and distribution systems. Designed for reliability, the device integrates protection against electric shock, overload, and short circuit faults into a single compact unit. It adheres to international safety standards, ensuring high performance for both residential and commercial electrical infrastructures.

## Technical Specifications

### Electrical Performance Metrics

**400 V**

Rated Voltage

**50 Hz**

Frequency

**6000 A**

Breaking Capacity

### Device Parameters

Parameter	Details
Rated Currents (In)	6 / 10 / 16 / 20 / 25 / 32 A
Poles Available	1P, 2P, 3P, 4P
Power Factor (COS $\phi$ )	0.7
Leakage Current Options	30 / 50 / 100 / 300 mA

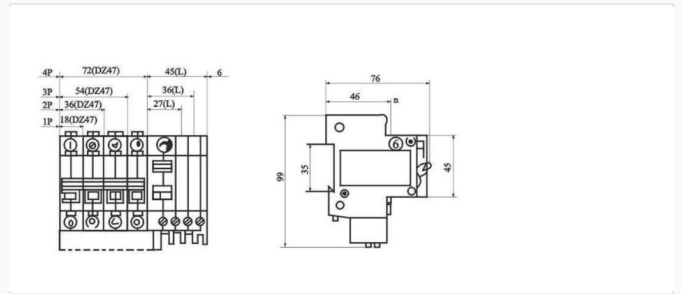
### Regulatory Standards

IEC61009-1, GB16917.1

## Physical Attributes



Detailed view of the interface including the monthly test button and ON/OFF indicator.



Technical diagram showing mounting dimensions for 1P to 4P configurations.

### Dimensional Profile

- 1P: 18mm
- 2P: 36mm
- 3P: 54mm
- 4P: 72mm
- Overall Height: 99mm
- Depth: 76mm

### Safety Features

Test Button • On/Off Indicator • Push-to-close mechanism • DIN rail mountable