

# Residual Current Circuit Breaker with Over-current Protection

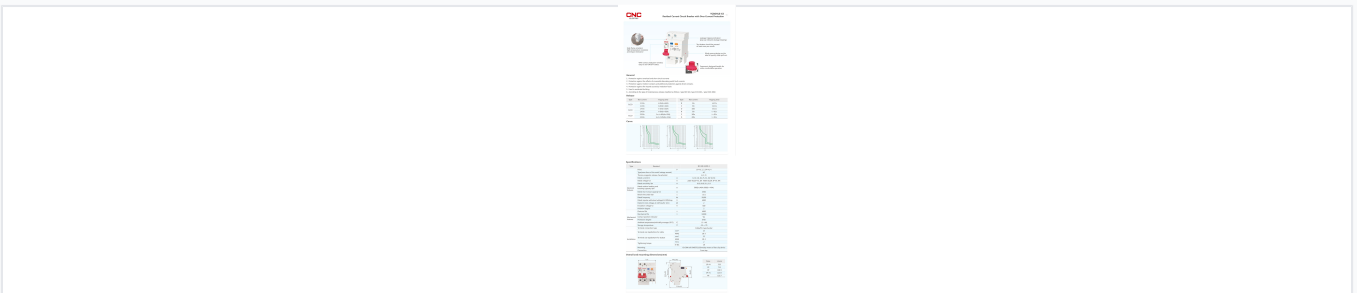
This residual current circuit breaker provides overcurrent protection. It is designed to protect electrical circuits from both overcurrent and residual current faults.



## ADDITIONAL IMAGES



## Product Overview



Comprehensive technical overview and dimensional data

## Professional RCBO Protection

The YCB6HLE-63 is a versatile residual current circuit breaker with overcurrent protection, engineered to protect electrical circuits from overloads, short-circuits, and earth fault currents. Designed for safety and reliability in residential and commercial buildings, it provides defense against fire hazards caused by insulation faults and potential electric shocks. The device features ergonomic controls, a clear contact position indicator, and robust thermal-magnetic release characteristics, making it an essential component for electrical distribution systems.

## Electrical Ratings

### Rated Short-Circuit Capacity

**4500 A**

Short-Circuit Capacity

### Rated Voltage

230V AC (1P+N, 2P) / 400V AC (3P, 3P+N, 4P)

### Rated Current Range

6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A

## Performance

### Instantaneous Release Types

- Type B (3-5)In
- Type C (5-10)In
- Type D (10-20)In

Break Time under I <sub>h</sub>	0.1 s
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## Mechanical Specifications

### Service Life

Metric	Cycles
Electrical Life	4000
Mechanical Life	10000

## Installation

Mounting	DIN rail EN60715 (35mm) via fast clip
Tightening Torque	2 N*m

## Environmental

Ambient Temperature	-5°C to +40°C
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