

# Intelligent Leakage Molded Case Circuit Breaker

This circuit breaker is designed for electric circuits operating at AC 50Hz with a rated operational voltage of 400V and a rated current between 63A and 100A. It provides protection against leakage, overload, and short circuits.



## ADDITIONAL IMAGES



## Product Overview

### Intelligent Leakage Molded Case Circuit Breaker

The DZ47LE-100 series is an intelligent circuit breaker designed for robust electrical protection in power transmission and distribution systems. It provides integrated features for leakage, overload, and short-circuit protection, suitable for AC 50Hz circuits. This versatile device supports long-distance control and automatic signal-based breaking, making it ideal for both industrial and commercial applications requiring enhanced safety.

## Technical Specifications



Engineered for reliable protection in electrical distribution systems.

Rated Operational Voltage	400 V
Rated Current Range	63A - 100A
Operational Frequency	50 Hz

## Performance Metrics

### Tripping Performance

Rated Current (A)	Test Current	Result
63	1.05I <sub>n</sub>	Non-tripping (>1h)
63	1.30I <sub>n</sub>	Tripping (<1h)
80	8I <sub>n</sub>	Non-tripping (>0.2s)
100	12I <sub>n</sub>	Tripping (<0.2s)

## Certifications

### Compliance Standards

GB 14048.2, IEC 60947-2

## Key Features

### Protection Functions

- Leakage protection
- Overload protection
- Short-circuit protection
- Signal control tripping
- Automatic switching