

# 40A Earth Leakage Protection Miniature Circuit Breaker

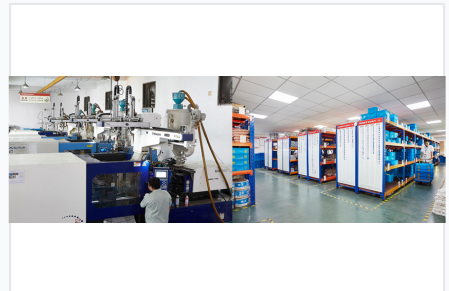
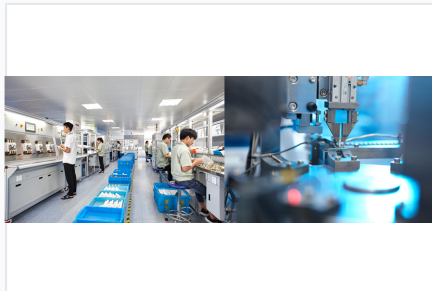
This mini safety breaker provides earth leakage (ground fault) protection. Its compact size and easy assembly make it suitable for various applications.



## ADDITIONAL IMAGES



## Product Overview



### Compact Earth Leakage Protection

The TRL-40(d) is a high-performance miniature safety breaker designed to provide reliable earth leakage and ground fault protection. Its compact, patent-protected design ensures easy assembly and space efficiency in distribution boards. Built for durability, this breaker is suitable for both residential and commercial electrical systems, adhering to strict international safety standards.

## Electrical Ratings

### Performance Metrics

**40 A**

Rated Current

**2.5 kA**

Short Circuit Current

**500 A**

Breaking Capacity

**0.1 s**

Off-time

### System Configuration

- Rated Voltage: 110V AC, 220V AC
- Poles: 2
- Type of Operation: AC

## Technical Specifications

### Residual Current Sensitivity

Parameter	Value
Operating I <sub>h</sub>	15mA, 30mA
Non-operating I <sub>h0</sub>	7.5mA, 15mA

### Operational Endurance

- Electrical Endurance: 1000 operations
- Mechanical Endurance: 2000 operations

## Compliance and Standards

Certifications	CE, CCC, IEC/EN 61008-1, GB 16916.1
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## Physical Properties

### Material Composition

- Base: Plastic
- Grey Cover: Plastic
- Black Cover: Bakelite

Physical Dimensions	70mm x 32mm x 51mm
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