

# 40A Earth Leakage Circuit Breaker with NT50 Panasonic Design

This earth leakage circuit breaker offers reliable protection against ground faults. The device features a 40A current rating and NT50 design.



## Product Overview



### Compact Earth Leakage Protection

The TRL-40(b) is a high-performance mini safety breaker engineered for effective earth leakage and ground fault protection. Featuring a compact NT50-inspired design, it allows for easy assembly and efficient space utilization in electrical distribution systems. This reliable device is designed to meet international safety standards, making it an essential component for safeguarding circuits in diverse applications.

## Key Features

### Advantages

Compact Size, Easy Assembly, Patent Design, Ground Fault Protection

## Performance Metrics

### Performance Ratings

**40 A**

Max Rated Current

**2.5 KA**

Short Circuit Capacity

**0.1 s**

Residual Off-time

## Technical Specifications



### Core Electrical Data

Parameter	Value
Poles	2
Rated Voltage	110V / 220V AC
Rated Current	16A, 20A, 25A, 32A, 40A
Operating Current (I <sub>h</sub> )	15mA, 30mA
Type of Operation	AC

### Dimensions & Build

- Dimensions: 70mm x 32mm x 51mm
- Electrical Endurance: 1000 operations
- Mechanical Endurance: 2000 operations
- Material: Plastic and Bakelite

## Compliance & Certification

### Standards & Approvals

IEC/EN 61008-1 • GB 16916.1 • CE • CCC