

# 32A Earth Leakage Circuit Breaker with NT50 Panasonic Design

This earth leakage circuit breaker offers reliable protection against ground faults. Designed with the Panasonic NT50 aesthetic, it has a 32A current capacity.



## Product Overview



### Compact Earth Leakage Protection

The TNB1L-32(f) is a high-performance miniature safety breaker engineered for reliable earth leakage and ground fault protection. Featuring a compact NT50-style design, this breaker offers easy assembly and robust operation suitable for diverse electrical distribution applications. It complies with international safety standards to ensure consistent performance in protecting against electrical shocks and fire hazards.

## Technical Specifications



### Rated Current

- 16
- 20
- 25
- 32

### Rated Residual Current

**30 mA**

Operating I<sub>h</sub>

**15 mA**

Non-operating I<sub>h0</sub>

### Performance Metrics

Parameter	Value
Poles	2
Breaking Capacity (I <sub>m</sub> )	500 A
Short Circuit Current (I <sub>nc</sub> )	2.5 kA
Off-time	0.1 s

### Rated Voltage

110V AC, 220V AC

## Compliance & Durability

### Certifications

CE • CCC

### Cycle Endurance

**1000 ops**

Electrical

**2000 ops**

Mechanical

### Standards

IEC/EN 61008-1, GB 16916.1

## Physical Dimensions

### Construction Materials

- Bakelite base
- Plastic cover
- Bakelite cover option

### Physical Size (L\*W\*H)

70mm \* 32mm \* 53mm