

32A Earth Leakage Circuit Breaker ELCB

This is a 32A earth leakage circuit breaker (ELCB) with NT50 specification. It provides protection against electrical faults with a 30mA sensitivity.



Product Overview



Professional Earth Leakage Protection

The TNB1L-32(h) is a high-performance miniature earth leakage circuit breaker designed for reliable ground fault protection. Featuring a compact and patent-protected design, this device ensures safety in residential, commercial, and industrial electrical systems. It provides fast response times and robust performance for circuit integrity.

Technical Specifications



Key Operational Metrics

32 A

Rated Current

2.5 KA

Limited Short Circuit Current

0.1 s

Residual Current Off-time

Performance Parameters

Parameter	Value
Rated Voltage	110V AC, 220V AC
Rated Residual Current (Operating)	15mA, 30mA
Rated Residual Current (Non-operating)	7.5mA, 15mA
Poles	2
Type of Operation	AC

Construction Details

- Dimensions: 70mm x 32mm x 53mm
- Base Material: Bakelite or Plastic
- Electrical Endurance: 1000 operations
- Mechanical Endurance: 2000 operations

Standards and Compliance

Approvals & Standards

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