

Miniature Residual Current Circuit Breaker with Overcurrent Protection

This miniature RCBO provides protection against overcurrent and short circuits. It protects people against the effects of sinusoidal alternating earth fault currents.



ADDITIONAL IMAGES



Product Overview



Professional Miniature RCBO

The TNB1L-32G is a high-performance miniature residual current circuit breaker designed to provide comprehensive electrical protection in a compact form factor. It integrates three essential safety functions into a single unit: earth leakage protection, over-load protection, and short-circuit protection. This versatile device is ideal for residential, commercial, and industrial electrical distribution systems requiring reliable circuit safety.

Technical Specifications



Performance Metrics

2.5 kA

Breaking Capacity

0.1 s

Residual Current Off-time

2000 ops

Mechanical Endurance

Electrical Ratings

Parameter	Value
Rated Current	16A, 20A, 25A, 32A
Rated Voltage	110V AC, 220V AC
Rated Residual Current	15mA, 30mA
Poles	2 poles

Trip Mechanisms

- Short Circuit: Electro-magnetic
- Over Load: Thermal / Bimetallic (2E)
- Ground Fault: Electronic

Compliance and Standards

Standards & Approvals

IEC/EN 61009-1, GB 16917.1, CE, CCC

Physical Properties

Physical Characteristics

70 mm

Length

32 mm

Width

53 mm

Height