

# 32A Compact RCBO with Overload and Ground Fault Protection

This compact RCBO offers earth leakage, overload, and short circuit protection. It is designed for 110V AC and 220V AC systems.



## Product Overview

### Compact Multi-Function Safety Breaker

The TNB1L-32G(b) series is a high-performance Residual Current Circuit Breaker with Overcurrent protection (RCBO), designed for efficient space management and robust electrical safety. It provides comprehensive protection against earth leakage, circuit overloads, and short circuits in a single compact unit. Engineered for versatility, this breaker is suitable for AC power systems, ensuring reliable circuit breaking and operational endurance for professional distribution applications.

## Technical Specifications

### Performance Metrics

<b>32 A</b> Rated Current	<b>2.5 kA</b> Breaking Capacity	<b>30 mA</b> Residual Sensitivity
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### Electrical Characteristics

Parameter	Value
Rated Voltage	110V / 220V AC
Operating Current	16A, 20A, 25A, 32A
Tripping Characteristic	C Curve (32A), D Curve (16-25A)
Poles	2
Off-time	0.1s

## Compliance and Materials

### Construction Materials

- Bakelite Base
- Plastic Grey Cover
- Bakelite Black Cover

### Standards & Approvals

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

## Mechanical Dimensions

### Physical Dimensions

70mm x 32mm x 53mm