

# 40A Earth Leakage Protection Switch

This earth leakage protection switch provides ground fault protection. It has a compact size and easy assembly.



## ADDITIONAL IMAGES



## Overview



### Compact Earth Leakage Protection

The TRL-40 series is a precision-engineered mini safety breaker designed for superior earth leakage and ground fault protection. Featuring a compact and patent-protected design, this unit ensures reliable operation in various residential, commercial, and industrial electrical systems. It provides robust electrical safety by detecting and interrupting ground fault currents effectively.

### Key Advantages

- Compact physical footprint for space-constrained installations
- Simplified, easy assembly process
- Advanced patent-protected design

## Electrical Ratings

### Performance Metrics

<b>500 A</b> Switch-on Breaking Capacity	<b>2.5 KA</b> Short Circuit Current	<b>0.1 s</b> Residual Current Off-time
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### Rated Current Options

16A, 20A, 25A, 32A, 40A

## Technical Specifications



### Detailed Specifications

Feature	Detail
Poles	2
Rated Voltage	110V AC / 220V AC
Operating Residual Current	15mA / 30mA
Electrical Endurance	1000 operations
Mechanical Endurance	2000 operations
Operation Type	AC

## Compliance

### Certifications & Standards

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