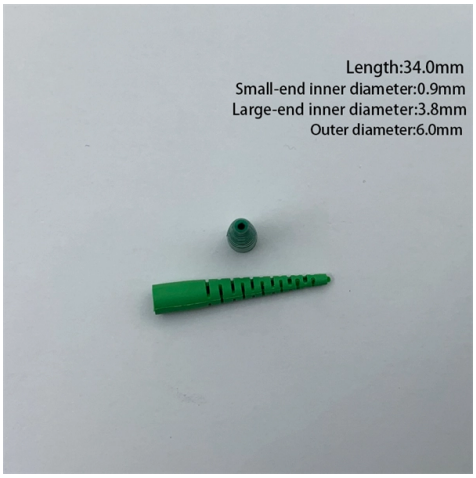
List of Relay Protection Tester Models



Overview

A protective relay test includes the review of protective devices in a system. Protective devices and periodic reviews are very important above all for the safe operation of power supply networks.

Key Takeaways

Relay protection testers are specialized devices used to verify the correct operation of protective relays under simulated fault conditions, with examples including RDJB-1600M, ARTES 600, Mentor 12, and RELAYSTAR-H60.

Key Examples

Wrindu RDJB-1600M: A multifunctional relay tester suitable for substations, utilities, and industrial power systems. It supports flexible multi-phase output, high-current injection, and advanced differential protection analysis. The device features high-fidelity linear power amplifiers for stable waveforms and intelligent DSP control for precise testing.

ARTE

S 600: A compact and universal solution for testing all types of protection relays, including electromechanical, static, and IEC61850 digital relays. It combines a protection test set and universal calibrator in one device, enabling both type and field testing. Mentor 12: An advanced three-phase relay test set designed for type and field testing of electromechanical and digital relays.

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It is suitable for comprehensive testing in modern substations and supports multi-phase injection. RELAYSTAR-H60: A portable 6-phase protection relay test system capable of testing most modern multi-function relays. It allows closed-loop testing and simulation of low-level outputs for digital relay inputs.

DD

G Primary Current Injector Test Set: Designed for high-current testing, CT calibration, and temperature-rise testing. It is particularly useful for testing high-burden electromechanical relays.

Applications and Features

Relay protection testers are used to: Verify relay operation under overcurrent, overload, short circuit, voltage fluctuation, and frequency abnormalities. Test all generations of relays, from electromechanical to microprocessor-based digital relays. Perform primary and secondary injection testing, type testing, commissioning, and maintenance.

Simulate real fault conditions to ensure accurate trip timing and protection performance, improving grid reliability and safety. These testers are essential for utilities, industrial power systems, and substations to maintain reliable operation, prevent equipment damage, and ensure compliance with standards such as IEC 60255 and IEEE C37. 90.

Article Content

Relay test system

Find your relay test system easily amongst the 33 products from the leading brands (MEGGER, PONOVO POWER, Pacific Power Source, ...) on DirectIndustry, the

Relay Testers

A protective relay test includes the review of protective devices in a system. Protective devices and periodic reviews are very important above all for the safe operation of power supply networks.

Protective-relay-test

PW460 Protective Relay Test Kit is the comprehensive protection relay testing equipment for all types of protective relays with high accuracy. This relay test kit has in-built output monitoring and recording

Protection Relay Testing Equipment

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These devices typically test single-, three-, four, and six-phase protection relay systems. ATEC stocks both manual and automated protection relay test sets from industry leaders such as OMICRON,

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Dive into this detailed review of the top 10 relay protection tester manufacturers worldwide. Discover their innovative technologies, product reliability, and contributions to electrical

Protection Relay Tester: Best Models for 2025

Need a reliable protection relay tester? Discover top-rated models with high accuracy and advanced features. Click to explore the best options for your electrical testing needs today.

Protection relays testers

Three phase, class 0.02% or 0.05% protection relays tester up to 120A (360A) and 560VAC with programmable harmonics content. It makes possible to automatic testing of electricity meters,

EMC Test Applications

Power System protection is crucial part of power station and substations safety which use protection relays and circuit breakers to isolate faulty parts or zones within the plant including Generator zone,

Protection Relay Tester Buying Guide 2026: 3-Phase vs 6-Phase

Looking to buy a microcomputer relay protection tester? Learn the key technical metrics, 3-phase vs 6-phase comparison, and how to evaluate manufacturers for your substation testing needs.

Protective Relay Tester

Select from a number of protective relay tester models that feature varying power levels and complexity. Choose the best solution according to your

Protection relay testing device, Protection relay test

Find your protection relay testing device easily amongst the 72 products from the leading brands (MEGGER, SIEMENS, Liebherr, ...) on DirectIndustry, the

Protection Relay Testing and Commissioning

For many years, protection relays have been tested on analogue power system models such as artificial overhead lines, or test plant capable of providing significant currents.

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Protection Relay Testing

Testing protection relays with sensor inputs As the protection relay and the primary equipment in the medium-voltage substations are close to one another, digital

Protection Relay Tester

Protection relay tester which offers all the characteristics and functions needed for protective relay testing, in a manual or automatic mode, designed for maximum efficiency, flexibility and simplicity,

Six phase universal protection device relay test kit

Test-630 Six Phase Universal protection relay test kit have 6U6I output, it is a universal protection relay test quipment with Eight pairs of binary input and four

Protective relay and instrument transformer testing equipment

Protective relay testing SMRT and FREJA series Automated single-phase, multi-phase, and relay commissioning test sets Megger''s FREJA and SMRT series of relay test sets has been engineered

Relay test equipment for maximum equipment

We deliver vital products to address customer needs for protection, safe control, and optimal distribution of electrical power in industrial applications. The Protection

Megger Relay Test Sets & Circuit Breaker Analysers

These test sets simulate various electrical conditions to ensure relays respond appropriately. Models such as the SVERKER900 Three-Phase Relay & Substation Test System offer advanced testing

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