

POWER ON THE GO FOR CIRCUIT BREAKER TIMING TESTS



CBT-1201 includes heavy-duty circuit breaker timing test set, power supply, and switching controls all in one unit.

The new CBT-1201 is an accurate, cost-effective, and easy-to-use tool for field or shop use that confirms proper breaker speed and clearing times as part of a maintenance program or arc-flash validation study. Internal power supply, switching controls, and custom cables allow you to quickly and efficiently test a breaker in the shop or field.

US PATENT NO. 9,086,447

**SOLID, EASY-TO-USE CBT-1201
CIRCUIT BREAKER TIMER
OPERATES AND INTERACTS WITH
ALL TYPES OF CIRCUIT BREAKERS**

- FIELD-PORTABLE UNIT CAPTURES AND STORES TRIP, CLOSE, AND BOUNCE TIMES — ALL IN MILLISECONDS
- SELF-CONTAINED TEST SET INCLUDES CABLE SET AND ONBOARD 120 V AC/ 125 V DC POWER SUPPLY TO OPERATE BREAKER OUTSIDE OF CUBICLE, INCLUDING TRIP AND CLOSE SWITCHING
- PRE-CONFIGURED CABLES FOR ALL CIRCUIT BOARD CONTROL DIAGRAMS ALLOW FOR EASY HOOK-UP
- CUSTOM CABLES AVAILABLE FOR VIRTUALLY ANY CIRCUIT BREAKER TO SIMPLIFY AND SPEED UP ELECTRICAL TESTS

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Circuit Breaker Timer and Portable Power Supply

CBT-1201

SPECIFICATIONS

Type: Portable circuit breaker power supply with integrated contact timer

Power Supply: 120 V AC/125 V DC 10-amp integrated power supply with variable input capabilities for other voltages

Physical Specifications: 16.5" W x 7" H x 13.5" D (41.9 cm x 17.8 cm x 34.3 cm); weight: 9.1 lbs. (4.1 kg)

Input Power: 120 V AC - 60 Hz

Dry-Contact Inputs: 3 channels

Trigger: Push button

Breaker Operations: Open, close

Timing Resolution: ± 0.1 millisecond; accuracy: 0.05% of reading ± 0.1 ms

MFG Display: Back-lit LCD screen (128 x 64 pixels); viewable in bright sunlight and low-light conditions

Internal Test Record Storage: Stores up to 10 timing records

Safety: Designed to meet IEC61010 (1995), UL61010A-1, CSA-C22.2 standards

Storage: -30°C to $+70^{\circ}\text{C}$ (-22°F to $+158^{\circ}\text{F}$)

Storage Bag: Rugged canvas cable and instrument storage bag included

Humidity: 90% RH @ 40°C (104°F) non-condensing

Altitude: 2,000 m (6,562 ft.) to full safety specifications

Options: Breaker-specific operation cables sold separately; examples shown below

Warranty: One year on parts and labor

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STANDARD FEATURES

- Operates and interacts with all types of circuit breakers
- Digital timer captures breaker trip, close, and bounce times
- 120 V AC/125 V DC power supply to operate spring-charged breakers outside of cubicle
- Distributes variable voltages from an external variable power supply
- Switching to open/trip and close a breaker
- Breaker-specific 12-ft. cable assemblies provide simple, fast connection to the breaker
- Clip-on cable allows for more test data to be gathered
- Compact and lightweight; suitable for field and shop use
- Includes a heavy-duty utility-grade storage bag for leads and control unit
- Furnished with full set of test leads including 12-ft. contact leads and universal breaker operation cable



VHK Cable



VCP-W Cable



Universal Cable



PowerVac Cable

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