

FEATURES AND BENEFITS

- Available in seven models covering a range from distribution class to transmission line voltages up to 550 kV
- Six electronic, beeper-style models and one model with white LED indicators

PHASING TESTERS

DESCRIPTION

DETEX Phasing Testers are available in five models for applications up to 69-kV class systems. The models include four analog phasing testers and one model with LED indication.

The analog testers are ideally suited for outdoor testing of grounded and ungrounded systems, especially in areas where an LED lamp is not easily visible. The large, 3.5-in. (89-mm) analog scale is calibrated to indicate the presence of nominal system voltages; the tester cannot be used to determine an exact voltage measurement.

The testers are equipped with two fixed-length poles connected by a flexible, insulated cable. Hand guards are standard on lower voltage models, while units for use on higher voltages are fitted with a universal spline mount for attachment to a standard hot stick. Spline-mounted testers provide a 10-ft (3-m) nominal spacing between two energized phases.

The Phasing Tester (cat. no. 510836-1) provides bright LED indication for easy visibility indoors or where lighting conditions are poor. Approximate voltage ranges to be checked can be preset for additional assurance. The instrument consists of a pair of fixed-length, 43-in. (1092-mm) poles with hand guards. A flexible, insulated connecting cable is capable of covering a 7-ft (2.1-m) span between two energized phases under test.

APPLICATIONS

These two-pole phasing testers may be used on grounded and ungrounded ac systems to check high-voltage fuses, test for correct phase connections and test for the absence of high voltage on de-energized lines or apparatus.

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OPTIONAL ACCESSORIES

Piezo Verifier

This essential safety tool is used to confirm the correct operation of voltage detectors and phasing testers that do not have a self-testing capability. When the verifier handle

is depressed at the rate of 3 strokes per second, a piezo crystal generates approximately 1800 volts. This voltage, when applied to the tip of the detector, tests for integrity of the current path and proper operation of the indicators.

A high-voltage model provides selectable outputs of 10, 20, and 30 kV.

A three-step procedure of testing the detector with the piezo verifier, using the detector to test for the absence of high voltage and then testing the detector again should be strictly observed in accordance with accepted operating procedures. Verifier can be used with single- and two-pole models.

Supplied with case and lead

Length: 7 in. (178 mm)

Weight: 0.75 lb (0.34 kg)

Pneumatic Glove Tester

This rugged, molded air pump conveniently tests all types of rubber gloves with a cuff diameter of 5 in. (127 mm) or less. A built-in check valve retains pressure within the glove as long as desired. Tester is provided with two fabric-covered elastic sealing rings.

Length: 5.5 in. (140 mm)

Diameter: 5 in. (127 mm)

Weight: 1.5 lb (0.7 kg)



Distribution line voltage detector



Transmission line voltage detector



Piezo verifier, Cat. No. 510005 shown



Pneumatic glove tester