

Operating Instructions

370TR

Direct Test Rod

CONTENTS: Test Rod and Operating Instructions.

The 370TR is a tool used to direct test system voltage for an Elastimold 200 Amp loadbreak bushing device with an IEEE Standard 386-1995, Figure 5 or 7 defined interface. The 370TR disc is used as a direct test area.

DANGER

All apparatus must be de-energized during installation or removal of part(s) except for test point caps and indicators that can be installed and operated energized.

After installation loadbreak products can be operated energized per operating instructions. All deadbreak connectors must be de-energized before operating.

All apparatus must be installed and operated in accordance with individual user, local, and national work rules. These instructions do not attempt to provide for every possible contingency.

Do not touch or move energized products.

“Loadbreak connectors must be operated with a full insulated “hotstick” type live-line tool.” Consult the company’s safe work practices for the required live-line tool length.

Excess distortion of the assembled product may result in its failure.

Inspect parts for damage, rating and compatibility with mating parts.

This product should be installed only by competent personnel trained in good safety practices involving high voltage electrical equipment. These instructions are not intended as a substitute for adequate training or experience in such safety practices.

Failure to follow these instructions will result in damage to the product and serious or fatal injury.

If this product is supplied with a protective shipping cover(s), remove this shipping cover(s) and replace with the appropriate HV insulated cap(s) or connector(s) before submerging or energizing the circuit.

FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST ELASTIMOLD OFFICE.

IMPORTANT

1. Check contents of package to ensure they are complete and undamaged.
2. Check all components to ensure proper fit with cable and/or mating products.
3. Read entire installation instructions before starting.
4. Have all required tools at hand and maintain cleanliness throughout the procedure.

DANGER: The Voltage Test Rod is not a shielded device. This rod must be considered to be live front. Direct contact can cause serious or fatal injury. A hotstick and approved personal protective equipment must be used to install, perform voltage detection and remove the test rod. Attempting to use the 370TR with devices other than those specified can cause serious or fatal injury.

CAUTION: The probe of the voltage test rod must make direct contact with the bushing contact to obtain voltage indication. If the test rod is not fully seated, NO INDICATION WILL BE OBTAINED. Clearance between the operating eye, test rod disc or test rod and any grounded wire cable shield or metal structure must be a minimum of 2 1/2” to prevent flashover. Use meter designed for direct testing. The 200 Amp Loadbreak bushing provides direct access to the conductor and must not remain uncovered. When not covered with an insulated cap the bushing must be considered live front.

Operating Procedure

1. Attach the test rod eye firmly to the hotstick. Insert the test rod into the 200 Amp Bushing Interface. Check the test rod disc for voltage using the meter manufacturer’s instructions.
2. After voltage detection has been made, immediately remove the voltage test rod by exerting a pull force with a hotstick.

