

# ProTran1

## Instruction Manual

**ProHot Stick™**

Hand Held Voltage Awareness Device

MODEL 101601-10



The ProHot Stick is used to verify for the presence of voltage on Third Rail and Light Rail Systems from 25 – 1500 VDC.

**Warning:** This device is designed to use in conjunction with very high voltage applications. Improper use is dangerous and could result in injury and/or death. Always wear proper gloves and eye protection prior to use.

The ProTran1 ProHot Stick is made to be used intermittently. Do not leave connected for more than 2 minutes and allow to cool for 2 minutes.

Le ProHotStick+ doit être utilisé par intermittence seulement. Après d'utiliser pour deux minutes, couper le connexion. Laisser refroidir deux minutes.

### Operation

- 1 – Probes are not negative/positive sensitive
- 2 - Place one probe on grounded surface.
- 3 – Place the one probe on the LIVE surface.

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## Safety Notes

1. Always inspect the unit prior to use. Check the integrity of the wire insulation for nicks or cuts, inspect the unit for any loose parts etc. If any problems are discovered have the unit repaired immediately.
2. Always ensure that the unit is in proper working condition before attempting to use it in the field. Do this by testing it with a known LIVE power source. ProTran1 recommends using the ProPower transformer to accomplish this essential test but a known operational 120VAC outlet can also be used.
3. Always place one probe on the ground (negative) source before placing the other probe on the hot (positive) source.
4. Always remove the probe from the hot (positive) source, then remove the probe in contact with the ground (negative) source.

## WARNING

Legislation requires that all protective equipment be tested at least once a year for compliance with ProTran1 specifications and to industry standards. Ensuring your safety equipment meets or exceeds the highest standards reduces the costs of lost-time accidents. ProTran1's independent testing facilities are fully industry compliant.

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