

# ProTran1

Leading Manufacturer of "Risk Reduction Technology"™

## PRODUCT INFORMATION BULLETIN

ProTR™

### Third Rail Voltage Awareness Device

MODEL 101601-3

#### DESCRIPTION

The ProTran1 ProTR was designed to give transit workers the Ability to safely verify the presence of voltage on third rail systems. The ProTR has a digital voltage meter to indicate from up to 1000VDC. The unit has several redundancies to ensure performance. Unit is equipped with 1500VDC surge suppression

#### APPROVALS

United States	KEMA
United States	U.L. Listed Components
Europe (CE)	ETSI
Europe	RoHS/WEEE/GREEN



#### APPLICATIONS

The ProTR is used to verify the presence of voltage for Third Rail systems.

#### OPERATIONS

Refer to the ProTran1 Instruction Manual.

#### SPECIFICATIONS

LED	80 EXTRA BRIGHT LEDs
LED Colors	Red
Power Requirements	50-750VDC -1000VDC Max equipped with 1500VDC surge suppression
Polar Sensitive	NO
Redundancies	5 Main Boards – 10 groups of LEDs
Features	Alarms, Meter, rotating LED's
Enclosure	Polycarbonate
Output	Less then 1/3 Amp (300 Ma)

Note: specifications shown are for all models sold after the printed document date shown below on each bulletin.

# ProTran1

DOCUMENT DATE 12-Sept-08

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Unit is equipped with 1500VDC surge suppression

#### DIMENSIONS

6.25" x 4.5"x5.5" diameter / 15.87cm x 11.43cm x13.97cm  
3.2 lbs / 1.45kg

#### Comes with Carrying Case

Option: Alligator clamps available



Also available for bottom running Third Rail

#### LIMITED WARRANTY STATEMENT

ProTran1- branded products purchased in the U.S. or Europe come with a limited warranty; if properly used and installed, will be free from defects in material and workmanship for a period of 1-year after date of purchase. The warranty period is not extended if we repair or replace a warranted product or any parts. Said warranty to include the repair or replacement of defective equipment.

#### What is not covered by this limited warranty?

This limited warranty does not cover:

Damage due to external causes, including accident, problems with electrical power, and usage not in accordance with product instructions, misuse, neglect, alteration, repair, improper installation, or improper testing.

THIS LIMITED WARRANTY, AND ANY IMPLIED WARRANTIES THAT MAY EXIST UNDER STATE LAW, APPLY ONLY TO THE ORIGINAL PURCHASER OF THE EQUIPMENT, AND LAST ONLY FOR AS LONG AS SUCH PURCHASER CONTINUES TO OWN THE EQUIPMENT. THIS WARRANTY REPLACES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PROTRAN1 MAKES NO EXPRESS WARRANTIES BEYOND THOSE STATED HERE. PROTRAN1 DISCLAIMS WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES SO THIS LIMITATION MAY NOT APPLY TO YOU.

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