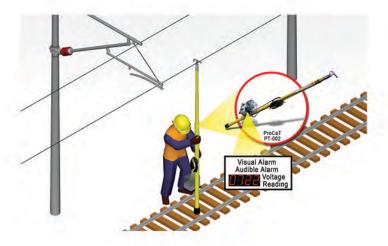


## Catenary voltage awareness device







## DESCRIPTION

The Protran ProCaT™ was designed to give transit workers the ability to safely verify the presence of voltage on overhead catenary systems. The ProCaT™ has a digital voltage meter to indicate up to 1000VDC. The unit has several redundancies to ensure performance. Unit is equipped with 1500VDC surge suppression. This product is ideal for outdoor use but not in inclement weather.

Protran also offers the ProCaT-TT™ (trackless trolley), designed to give transit workers the ability to safely verify the presence of voltage on trackless trolley systems.



# Catenary voltage awareness device

#### SPECIFICATIONS

ProCaT	
LED	80 extra bright LEDs, red
Range	50-750 VDC max & 1500 volt surge suppression
Polar sensitive	No
Redundancies	5 main boards; 10 groups of LEDs
Options	Alarm, meter, flashing LEDs
Enclosure	Polycarbonate
Output	Less than 1/3 amp (300 Ma)
Dimensions / weight	21 ft extended (6 ft collapsed) 2" diameter / 15 lb
	6½m extended (2m collapsed) 5cm diameter / 7kg



#### BENEFITS

- The ProCaT™ and ProCaT-TT™
  are used to verify the presence
  of voltage for overhead catenary
  systems
- Fits hasting attachments
- Easy lock and release
- Cable storage
- Visual and audible alarms, and volt meter
- Equipped with 1500VDC surge suppression and push button voltage meter

ProCaT-TT (Trackless Trolley)	
LED	80 extra bright LEDs, red
Range	50-750 VDC max & 1500 volt surge suppression
Polar sensitive	No
Redundancies	5 main boards; 10 groups of LEDs
Options	Alarm, meter, flashing LEDs
Enclosure	Polycarbonate
Output	Less than 1/3 amp (300 Ma)
Dimensions / weight	21 ft extended (6 ft collapsed) 2" diameter / 15 lb
	6½m extended (2m collapsed) 5cm diameter / 7kg



## **APPLICATIONS**

The ProCaT<sup>™</sup> and ProCaT-TT<sup>™</sup> are used to verify the presence of voltage on overhead catenary systems.

### **APPROVALS**

- United States: Independent Facility
- United States: U.L. listed components
- Europe: RoHS/WEEE/GREEN

The Protran Technology, Harsco Rail equipment pictured in this brochure is intended to illustrate the general appearance and features of this product. It is equipped as specified by a particular customer and may or may not show items that are optional or recommended by Protran Technology, Harsco Rail. Specifications, illustrations, and descriptive materials herein were accurate as known at the time this publication was approved for printing. Protran Technology, Harsco Rail reserves the right to discontinue models or options at any time or change specifications and materials, equipment and design without notice and without incurring obligation. Protran Technology, Harsco Rail, is not responsible for operators, workers, and/or pedestrians that ignore or disregard the secondary warning, audible and visual alerts from the system. Contact Protran Technology for warranty information. For operation, refer to the Protran Technology operation manual.

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