

PROTR™ / TR PRO™

1000VDC third rail voltage awareness devices



PROTRAN
TECHNOLOGY

A Harsco Rail Company



DESCRIPTION

The Protran ProTR™ and TR Pro™ were designed to give transit workers the ability to safely verify the presence of voltage on third rail systems. It has a digital voltage meter to indicate from 50 to 1000VDC and has several redundancies to ensure performance. The unit has several visual and audible alarms to warn when voltage is present and is also equipped with 1500VDC surge suppression.



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SPECIFICATIONS

ProTR™	
LED	8 extra bright LEDs, red and/or yellow
Range	50-1000 VDC max & 1500 volt surge suppression
Polar sensitive	No
Redundancies	5 main boards; 10 groups of LEDs
Options	Alarm, meter, fuse upon request
Enclosure	Polycarbonate
Output	Less than 1/3 amp (300 Ma)
Dimensions / weight	4" x 2" x 6" (10 x 15 x 15 cm) / 3¼ lb (1½ kg)

TR Pro™	
LED	8 extra bright LEDs, red and/or yellow
Range	50-1000 VDC max & 1500 volt surge suppression
Polar sensitive	No
Redundancies	Visual and audible
Options	Alarm, meter, magnetic or alligator clamps
Enclosure	Polycarbonate
Output	Less than 1/3 amp (300 Ma)
Dimensions / weight	14" x 8" x 6" (35 x 20 x 15 cm) / 7 lb (3 kg)



PT-0003



PT-0005

APPLICATIONS

The TR Pro™ and ProTR™ are used to verify the presence and range of voltage on third rail systems.

APPROVALS

- United States: U.L. listed components
- Europe: RoHS/WEEE/GREEN upon request

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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