

Emergency Engine Stop™

Shuttle Wagon/Locomotive Wireless Engine Stop



PROTRAN
TECHNOLOGY

A Harsco Rail Company



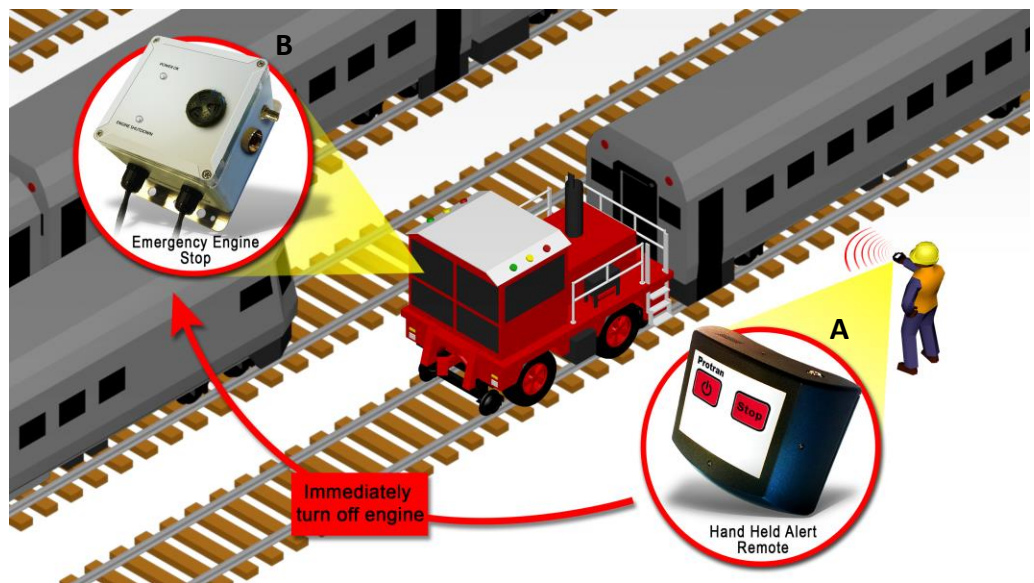
PRODUCT INFORMATION BULLETIN

DESCRIPTION

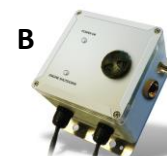
The Shuttle Wagon is an RF system designed for short to medium range wireless remote control of electrical apparatuses in a variety of industrial applications. Systems can consist of any number of receivers and handheld or contact input transmitters working together. This receiver is equipped with 4 independent relays that are capable of switching up to 5 amps @120VAC or 50VDC. The relays are programmed for latching operation and can be directly interfaced with the customer's equipment or P.L.C. Eight user selectable frequencies allow multiple systems to be used in the same area. Capable of receiving remote signals transmitted from up to 300 feet away (with the SR transmitter) or up to 1200 feet away (with the SR PLUS transmitter), the Pro-SR Receiver utilizes spread-spectrum technology and provides the utmost security and reliability even in the noisiest RF environments.

APPLICATIONS

- Shuttle wagon/locomotive emergency engine stop



A
Hand Held Alert Remote PT-0706
Held by Track Personnel



B
Emergency Engine Stop PT-0207
Placed in operator's cab

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SPECIFICATIONS

Note: Specifications shown are for all models sold after the printed document date at the end of each bulletin.

Emergency Engine Stop PT-0206

Mounted in operator's cab
6.3" x 4.8" x 2.3"
(16cm x 12.1cm x 5.8cm)
1¼ lbs (567g)



AC input	18-85VDC, 16 W, 50/60 Hz
Fuse protected	1 amp
Relay contacts	SPDT 5 amp @ 120VAC or 50VDC
Receiver frequency	2.4 GHz spread spectrum

Hand Held Alert Remote PT-0706

Held by track personnel
2¼" x 4" x ¾"
(5.7cm x 10.2cm x 2cm)
3.5lbs (100g)



Receiver channels	8 independent network frequencies
Operating temperature	-40° F to +185° F
Enclosure	ABS plastic, NEMA 3, 3R, 4, 12 +3
Transmit range - dependent on transmitter - see below:	
Using 38 series TX	Approximately 300 ft
Using 36 series TX	Approximately 1200 ft

PART NUMBERS FOR ORDERING

Item	Part Number
Emergency Engine Stop	PT-0206
Hand Held Alert Remote	PT-0706

APPROVALS AND TESTED

United States (FCC)	OUR-XBEE
Canada (IC)	4214A-XBEE
Europe	RoHS/WEEE – upon request

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DOCUMENT DATE 10/13/15

OPERATIONS

Refer to the Protran Technology Operation Manual.



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LIMITED WARRANTY STATEMENT

Protran warrants its products, if properly used and installed, will be free from defects in material and workmanship for a period of 1 year after date of purchase. Said warranty to include **ONLY** the repair or replacement of defective equipment. This 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 and properly maintain the equipment. Product instructions accompany product shipment. If product instruction required please contact Protran Technology.

This warranty replaces all other warranties, express or implied including, but not limited to, the implied warranties or merchantability and fitness for a particular purpose. Protran Technology makes no express warranties beyond those stated here. Protran Technology 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.

To obtain warranty service, contact Protran Technology for a return material authorization. When returning equipment to Protran Technology, the customer assumes the risk of damage or loss during shipping and is responsible for the shipping costs incurred.

Protran Technology recommends that their equipment be maintained and tested per any CFR, OSHA, NFPA, IEEE, APTA or any other standards for maintenance and testing that may apply.

Protran offers testing, maintenance and training services under our Service and Maintenance contracts to our customers.

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.

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