

Defect Detection Products

ZEPIC-DE

Stand Alone Dragging Equipment Detector



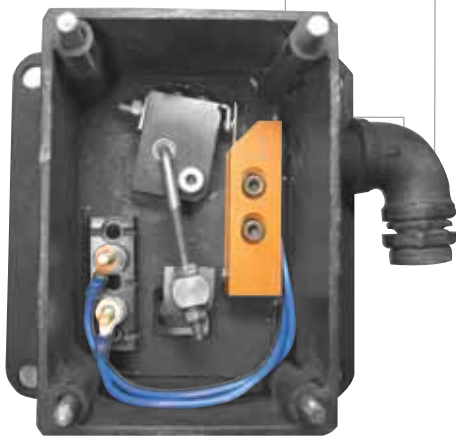
- Built-In Audio Overlay track circuit
- Track Output fused w/automotive style fuses
- 12VDC interface to dragger paddles
- Manual input for last msg repeat
- Interface to Servo type wheel sensors
- Track Circuit based axle counter input. Patent pending
- Data Logging functions
- Radio interface, PTT, Audio Output, Audio Input & Hold Off
- Built-in DTMF decoder provides Msg repeat capability w/analog radio
- Expandable for Hi / Wide load applications

The ZEPIC-DE is a stand-alone dragging equipment detector system. As such the ZEPIC-DE provides all the necessary features and functions required to monitor dragger paddles, wheel sensors, control radio communications and simplify scheduled maintenance tasks. System configuration is accomplished via front panel display and pushbuttons, no laptop required. The milepost number is used as the system ID in all communications and serves as the remote access code when DTMF tones are used. Additionally, the unit offers a data logging function that can store data from 10 train moves with up to 5 defects per train.

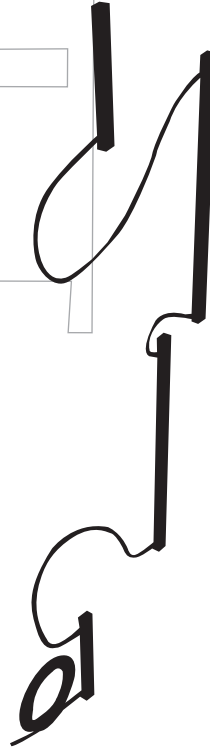
The built-in audio overlay track circuit provides train detection and serves to activate the system and minimizes false activations due to unauthorized personnel on the tracks. The ZEPIC-DE is packaged in a simple rugged B2 sized enclosure making it ideal for retrofit application reducing the need for new construction. Of further value is the ability to convert a standard ZEPIC into a ZEPIC-DE with the addition of the dragger logic module and front panel change; reducing spare equipment requirements while providing field personnel equipment flexibility and consistency in setup and use from product to product.

Accessories

Z-Switch



DRD-4



CTA



- Dragging Equipment Paddle Contact Replacement Switch
- Aerospace Switch Technology
- Hermetically Sealed Contacts
- Exceeds AREMA Class A Roadbed specifications
- Drop in replacement for OEM Contacts
- Maintains OEM Activation adjustment method
- Eliminates need for contact alignment procedure
- Patent Pending

- Provides Derailment Detection inside and outside Rail Gauge
- Can be used on wooden and cement ties
- All electrical connections are sealed against weather
- Built-in test circuit to facilitate monthly testing
- Durable housing designed for continuous outdoor use
- 4 piece design accommodates a wide variety of rail mounting hardware
- Recommend for use with ZEPIC-DE, dragging equipment system
- Patent Pending

- Concrete Tie Adaptor
- Adapts the DRD-4 to Concrete Ties
- All Stainless Steel Construction
- “Top Down” Installation means NO digging in the crib