



Intelligent Equipment
Management Solutions

ZTR Locomotive ELC-PEO

Locomotive modernization technology for the business minded.

Old electric-hydraulic load regulators on DC locomotives are unreliable, difficult to maintain, and offer no added functionality. The ZTR Locomotive Electronic Load Controller – Performance Enhanced Option (ELC-PEO) replaces old load regulators, to improve overall operational reliability, while also delivering performance and diagnostic improvements that make a difference in your operations. The ELC-PEO is a low cost way to start modernizing your locomotive now, with the option of easily adding on greater functionality later.

Benefits

Equipment protection

Short-term current regulation for both the traction motors and main generator, plus voltage and current fault protection for the main generator.

Advanced throttle response

Horsepower and traction motor current regulation by throttle using adaptive targeting.

Tractive Effort Improvement

Improve through adaptive targeting and control of wheel slip through intelligent sanding.

Intuitive diagnostic interface

Monitoring, diagnostics, logging and event counting through an intuitive web browser interface, with no need to install software for setup and commissioning operations.

FLEX platform scalable design

Low cost upgrades make it easy to add greater locomotive control functionality in the future.

Reliable performance

Elimination of high-maintenance load regulator with new reliable solid state technology with zero maintenance.



Start your **upgrade** process with the ELC-PEO; a **low-cost** way to **improve** locomotive **performance**



What you get:

- Equipment protection
- Advanced throttle response
- Tractive effort improvement
- Intuitive diagnostic interface
- Flex platform scalable design
- Reliable performance

The ELC-PEO is a low cost way to start modernizing your locomotive now, with the option of easily adding on greater functionality later.