



NEXSYS III-i MD

Mother-Daughter Module

Whether you are rebuilding your locomotive or simply upgrading the electrical system, NEXSYS™ III-i will give you the best value for your investment in locomotive improvement. Improved reliability and many other NEXSYS III-i benefits can be applied to 'mother-daughter' applications with the NEXSYS III-i MD.

Outfit your pair with the whole system or add the MD module to the daughter unit of a NEXSYS III-i equipped mother locomotive. The NEXSYS III-i and the NEXSYS III-i MD are a winning combination that will extend the life of your locomotive and its daughter unit.

Benefits

Simple assembly



This innovative, modern design provides greater control of the daughter unit through a simple Ethernet cable, while being flexible to configure the module to the specific needs of the daughter unit.

Improved adhesion



Proven adhesion of the NEXSYS III-i wheel slip detection and control through traction motor limiting and stall protection, plus specific sanding control for the daughter unit.

Advanced diagnostics



NEXSYS III-i diagnostics and feedback on operating parameters for the daughter unit to allow better performance and operating of the slug.

Increased battery reliability



NEXSYS III-i controls light load shedding on the daughter unit to conserve overall power.

The NEXSYS III-i and the NEXSYS III-i MD are a **winning combination** that will **extend the life** of your **locomotive** and its daughter unit



Available options for customization:

- 4 axle or 6 axle version
- DB operation or no DB operation
- Various traction configurations
- Cab-equipped daughter

NEXSYS III-i will give you the best value for your investment in locomotive improvement.