



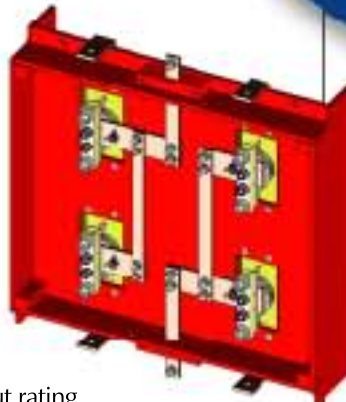
Maintenance and Repairs

A complete service department offering refurbishment of existing Power Semiconductor Stack Assemblies

- Reduce maintenance
- Increase reliability
- Upgrade power semiconductors, mounting clamps, snubbers
- Clean, machine and replace heat sinks
- Testing and maintenance instructions provided



Darrah Electric introduces a drop in, single phase Rectifier Bridge for propulsion on General Electric RRD and Silver Liner IV rail cars.



The Darrah Bridge utilizes only four High Current, High Voltage, press pack silicon diodes. The improved design replaces the existing problematic stud diode array requiring a series and paralleling arrangement to meet output rating.

The unit is a "FORM FIT AND FUNCTIONAL" replacement including fiberglass housing and connecting copper bus bars.

Portable Semiconductor Tester

Testing any GTO Thyristor, Silicon Diode, SCR, IGBT, and Power Module is easy when using the Darrah M3K Portable tester. The Darrah M3K accurately tests gate current and voltage to trigger. It also tests forward and reverse blocking voltage and leakage current at rated voltage.

The tests are of the type recommended by the semiconductor manufacturer and do not damage the device being tested.

The M3K tester has LED meters, shipped with instructions, weighs 10 pounds and is housed in a sturdy 13" x 12" x 6" plastic case.



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SCR Thyristors
Silicon Diodes
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Fuses

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Circuit Breakers
Terminal Blocks
Dead Battery Starter

Propulsion Unit

IGBT Modules
GTO Thyristors
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Voltage/Current Sensors
Snubber Capacitors
Semiconductor Clamps
Pulse Transformers

Power Transfer Switches

DC Contactors
Starters
Circuit Breakers

Static Converter/ Inverter

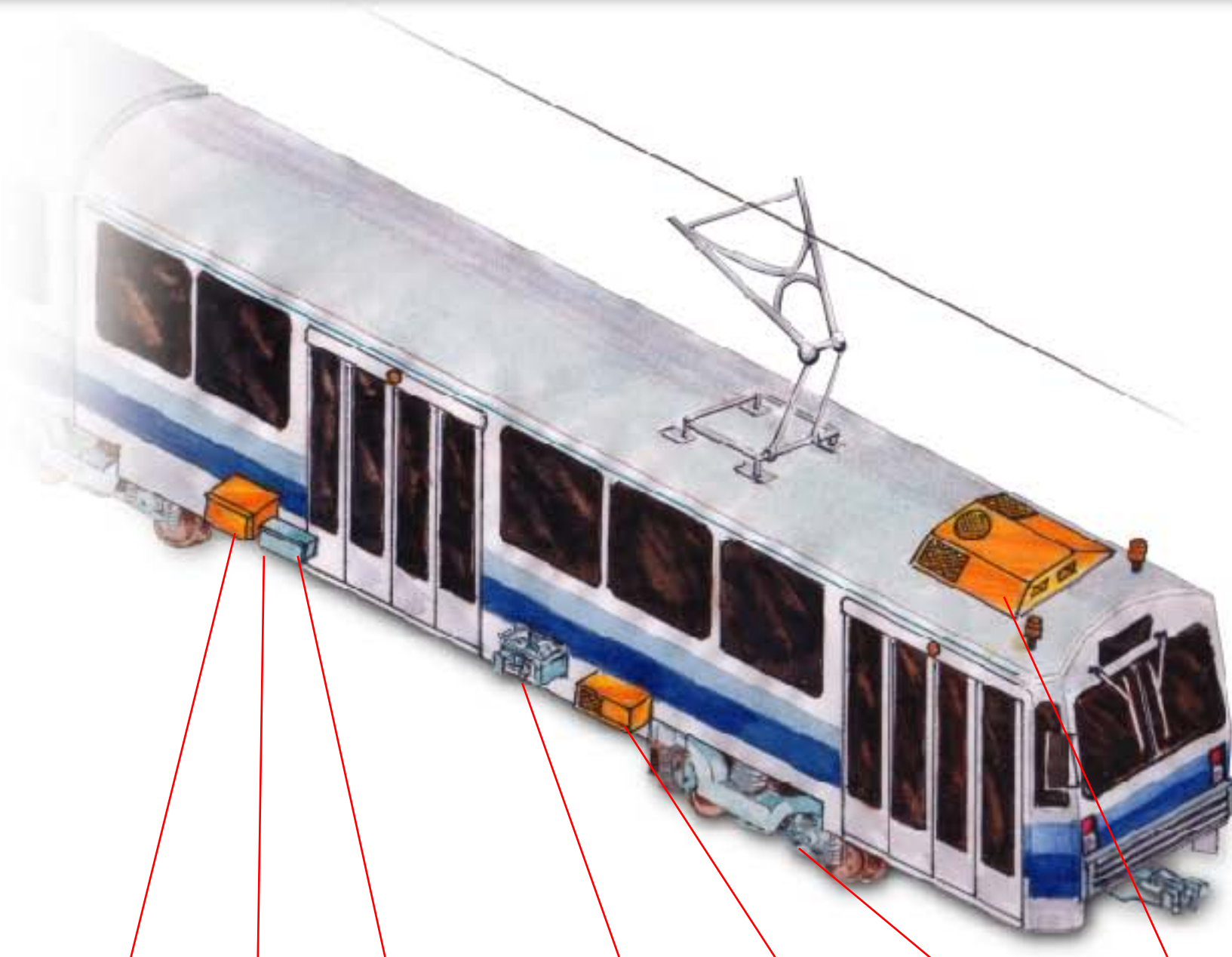
GTO Thyristors
IGBT Modules
SCR Thyristors
Rectifier Diodes
Voltage/Current Sensors
Pulse Transformers

Third Rail Collectors

Ground Return System

HVAC

Circuit Breakers
Contactors
Fan/Motors
Terminal Blocks
Fuses



Hazardous Voltage Detectors



Dead Battery Starters



DC Contactors



Heat Sinks



Heat Sink Assemblies



Contactors/Starters/
Circuit Breakers



Power Transfer Switches



Fuses



Traction Gate Drivers



Snubber Capacitors



Gate Drivers for
GTO's, IGBT's, and SCR's