

DC SUBSTATIONS

- Rectifier Diodes
- Semiconductor Clamps
- Voltage & Current Sensors
- Heat Sink Assemblies

STATIC CONVERTER/ INVERTER

- GTO Thyristors
- IGBT Modules
- SCR Thyristors
- Rectifier Diodes
- Voltage & Current Sensors

PROPULSION UNIT

- IGBT Modules
- GTO Thyristors
- Free Wheeling & Snubber Diodes
- Voltage/Current Sensors
- Snubber Capacitors
- Semiconductor Clamps

BATTERY CHARGER

- SCR Thyristors
- Rectifier Diodes
- Circuit Breakers
- Relays
- Fuses

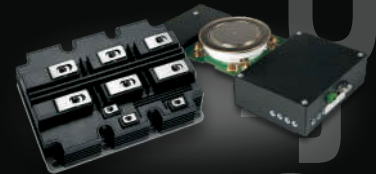
Electrical Parts for
Propulsion and Controls



GTO Thyristors



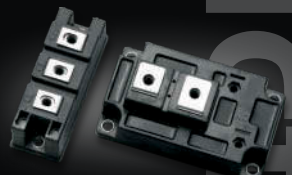
Rectifier Freewheeling
& Snubber Diodes



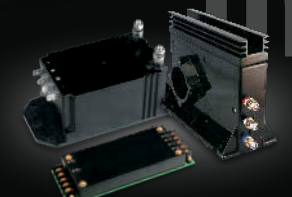
IGBTs & IGCTs



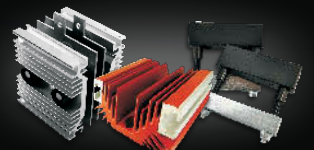
SCR Thyristors



Power Modules



Voltage & Current Sensors



Power Assemblies
HeatSink & Clamps

The **Electric Traction Systems on Locomotive & Railcars** are highly used in all types of applications from mass transportation to heavy load cargo. Modern units are controlled with Electrical Drives, generally designed to be modular in order to simplify maintenance and therefore maximizes operational reliability. Power Semiconductors are one of the key components of this system, which is why at **AmeTrade Electronics™** we help our clients to improve maintenance costs, offering assured quality and availability over a wide range of Replacement Parts, Accessories & Support for the following manufacturers:

GE Transportation
ADTRANZ
KINKI SHARYO
WESTINGHOUSE

Alstom Transport
AEG
ANSALDO BREDA
ŠKODA Transportation

Bombardier
BOEING VERTOL
GM EMD
Hitachi Transportation

ABB
KAWASAKI
SIEMENS
Firema

Electrical Parts for Propulsion and Controls

(continued)



IPM



Converter



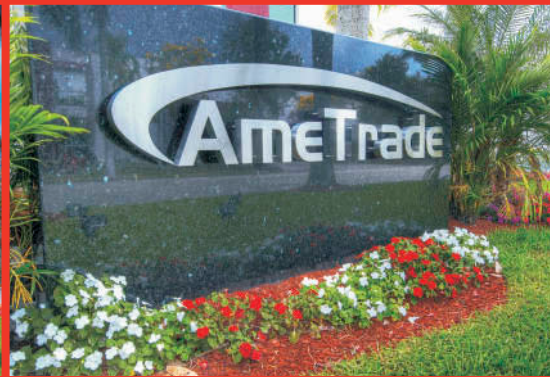
Mosfet



Capacitors & Fuses



Testers



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the support of internationally recognized brands. AmeTrade is strategically located in Miami Florida USA, only 5 minutes from Miami International Airport with daily flights to all major cities of Latin America and the rest of the world.



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