



Phoenix Sales and Service Corp. is pleased to offer locomotive diodes.
 Phoenix diodes meet and exceed the OEM specifications.

Details

- Specifications are identical to ensure equal load sharing.
- Each diode is tested at the factory and retested at our facility prior to shipment.
- Phoenix diodes are completely interchangeable with OEM's and can be used side by side.

Phoenix Enhancements

- Phoenix has tightened the reverse leakage current specifications for locomotive applications for longer life.
- Phoenix offers a color coded insulated boot to designate negative and positive polarity. This ensures proper installation.
- We inventory for immediate shipment.

Locomotives

- EMD – SD 40, 50, 60, 70, 80, 90
- GE – Dash 9 and EVOs



Our goal is to assist our customers to enhance the reliability of their locomotive fleet and offer significant cost reduction opportunities.

<u>OEM Part Number</u>	<u>Phoenix Part Number</u>
40029131	PS 18269
40029132	PS18270
40032602	PS 18352
40032603	PS 18353
40053998	PS 18578
40053999	PS 18579
41A296304ANP1	PS 5897
41A296304BBP1	PS 0950
41A296304BDP1	PS 0951
41A296305BAP2	PS 0303
41A281727P1	PS 1201



Rail Product Offering

We offer a large selection of high-quality parts, components and services for the rail industry. By partnering with our clients we can identify opportunities on specific items resulting in reduced costs, shortened lead times, and improved reliability.

Locomotive

Air Conditioning
Armature Rewind Kits
Bearings
Brush Holders and Studs
Bus Bars
Capacitors
Coils
Collector Rings
Compressors
Contactors
Contact Kits and Shunts
Electrical Spares
Field Coils
Fuses
Gaskets/Seals
Gauges
Gears, Pinions and Cases
Hardware Hoses
Lamps/Lighting/LED
Relays
Resistors and Grids
Speed Sensors
Springs
Traction Motor Parts
Transformers
Wear Plates

Bonded Rubber Products

Bolsters
Bumpers
Chevrons
Hoses
Side Bearers
Traction Motor Supports

Carbon Brushes

Generators
Industrial D.C. Motors
Traction
Wheel Motors

Diesel Engine Parts

Bearings
Bolts Hoses
Camshafts
Crankshafts
Cylinder Heads
Filters
Fuel Injectors
Gaskets
Pistons & Rings
Radiators
Starters
Tools
Valves

Electronic Repair

EMD and GE Electronics
Dash 9 Modules
Dash 9 Screens
Diode Panels
EMD Modules
EMD Fire and Ice Screens
EVO Modules
EVO Screens
EIPM and IPM Repair
Modules
Gate Drivers
GTO Phase Modules
IGBT Modules
Motor Modules

Fuses

Current Limiting
Distribution
Electronic
Power Limiting
Semi-Conductor

Power Semi-Conductors

Diodes
GTOs IGBTs
Rectifiers

SCRs

Thyristors

Power Semi-Conductors Assemblies

Diode (RM) Panels
IGBT Panels
Heat Sink Assemblies
SCR Assemblies

Transit

Diodes
Door Operator
Panels
Cards/Modules
Contactors Diode
Panels Rectifiers
Gate Drivers
GTO/ IGBT Panels
Capacitors
Resistors
Ammeters
Varistors
Insulated Studs
Relays
Switch Bulbs
Switch Lenses
Speed Indicators
Switches
Microprocessors
Voltage Regulators

Reverse Engineering Services

Cost Reduction Programs
Partnership Concept
Redesign Capabilities
Reliability Enhancement
Strategic Sourcing