

Multi-Channel Solid State Power Controllers Diamondback II Series

Features:

- 16 Programmable Channels
- 28Vdc Auxillary Power Supply
- Total Board Current of 210A
- Up to 25A per Channel
- High Inrush Current Capability
- Paralleling up to 125A
- Parallel / Group Scheduling
- Better than 5% Accuracy
- SAE J11939 Compatible & Isolated CAN



Compliant Documents and Standards:

MIL-STD-1275B, Notice1
MIL-STD-704F
MIL-STD-217F, Notice 2

Description:

Sensitron, a price performance leader in power management, has released their next generation of Multi-Channel Solid State Power Controllers, designed to manage power for sixteen programmable channels. The Diamondback II Series provides current, temperature, and output voltage measurements at better than 5% accuracy!

TYPICAL APPLICATIONS

- ✓ Military Ground Vehicles
- ✓ Unmanned Aerial Vehicles
- ✓ Marine Vessels
- ✓ Energy Exploration Equipment
- ✓ Unmanned Ground Vehicles
- ✓ Medical Emergency Vehicles
- ✓ Weapons Systems

MAIN BENEFITS

- ✓ Electrical load protection and monitoring
- ✓ Operational readiness improvements by allowing for diagnostics, prognostics and condition-based maintenance
- ✓ Life cycle cost savings & reduced cost
- ✓ Increased radius of operation through power budgeting and load shedding
- ✓ Crew offloading and network-controlled intelligent load management

About Sensitron:

Sensitron is a leading manufacturer of high reliability power electronic solutions. Markets served include the complete spectrum of reliability markets including space, aerospace, and defense markets. <http://www.sensitron.com>