

Solid State FET Boards

The foundation of the Data Panel Advanced Power Distribution System (APDS) is the Solid State FET board. The boards are available with a 12 VDC output or a Ground output. By plugging this device into the power, ground and J1939 CAN buss, you can create a distribution system without wires, and substantially reduce size and weight.

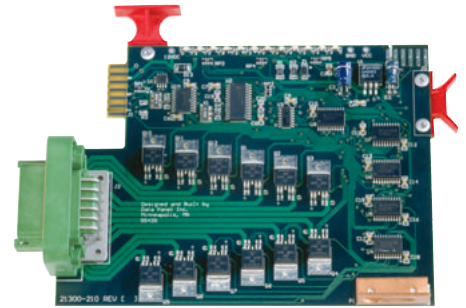
As a stand-alone module this board can incorporate a variety of switching functions, replacing such components as timers, flashers, dimmers, load managers/sequencers, and medical isolators – items normally found in the power distribution area.

Features of the Board

- 12 outputs rated at 13 amps each
- Outputs available in latched, flash, timed, or PWM (pulse width modulation)
- Outputs can be load-managed based upon battery voltage and sequenced ON and OFF to minimize shock to the system
- All outputs protected for thermal and current overload
- Diagnostic LEDs provide four feedback conditions for FET state (ON, OFF, thermal overload and short circuit)
- Output termination Deutsch series DT connector
- Device is re-programmable
- Overall dimensions are 7.5"L x 5"W x 1.5"H

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Specification

Data Panel's engineering staff works with customers to fully understand each application. Only then do we document a complete set of design, development, and performance specifications

Design

Data Panel performs all electrical design and board layout in house – controlling every aspect of the development process.

Prototype

When required and/or requested, quick turn production intent prototypes can be developed to prove the design application.

Production

Our manufacturing group has a broad range of production experience and personnel. Just-In-Time deliveries support numerous rescue vehicle manufactures.

Field Support

Field Service personnel are always available to provide answers, service, and support for our customers and their customers!

See the full line of Data Panel solutions at www.visionmark.com/dpc.html.