



For Immediate Release

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EBERLE DESIGN, INC. INTRODUCES THE IDEAL POWER SOURCE WHEN USING HIGH CURRENT DEVICES SUCH AS VIDEO DETECTION CARDS



Phoenix, Arizona, May 1, 2005 – Eberle Design, Inc. (EDI), recognized worldwide as the leader in traffic control signal monitoring, vehicle detection, and other mission critical traffic control component products, today announced the immediate delivery of the **Model PS-250 “Shelf Mount” Cabinet Power Supply**.

The PS-250 Cabinet Power Supply is a shelf mounted unit which supplies regulated DC power, unregulated AC power, and a line frequency reference. It is intended for powering the Detector Rack, Bus Interface Units, load switches, and other auxiliary cabinet equipment. The PS-250 meets and/or exceeds all requirements of the NEMA TS2-2003 Standard.

The PS-250 provides a full 5 Amps at 12 VDC, allowing a large number of power hungry video detection cards to be operated in the detector rack. This is an additional 36 watts over the conventional TS-2 cabinet power supply requirements.

Basic Functions: The PS-250 provides four outputs rated over the full -30°F to 165°F (-34°C to +74°C) NEMA operating temperature range:

- +12 VDC rated at 5 Amps** (Standard NEMA requirements are 12 VDC at 2 Amps)
- +24 VDC rated at 2 Amps**
- 12 VAC rated at 0.25 Amps**
- 60 Hz Line Frequency Reference rated at 50 mAmps**

Display Indicators: A separate LED indicator is provided to display output status and fuse integrity for the three supply outputs. The Line Frequency Reference LED indicator pulses to show 60 Hz activity.

Test Points: Individual test jacks are provided for the +12 VDC output, +24 VDC output, and Logic Ground reference.

Output Protection: The +12 VDC, +24 VDC, and 12 VAC outputs are fused for over-current protection. The Line Frequency Reference output is protected internally against shorts to Logic Ground or 24 VDC. Each output is protected against voltage transients by a 1500 Watt suppressor.

Dimensions: 8.2 inches High x 4 inches Wide x 8 inches Deep

**About EBERLE DESIGN, INC.
 An ISO 9001:2000 Registered Company – Celebrating 25 Years of Excellence!**

EDI is recognized as a world wide developer and manufacturer of reliable high-performance component products designed to enhance and augment traffic control systems. The EDI array of products (signal monitors, vehicle detectors, power supplies, flashers, load switches, and other vital infrastructure devices) enables transportation professionals to integrate, automate, and manage traffic highways and intersections easily, efficiently and safely. EDI is a proud member of ITSA, NEMA, ITE, IMSA, IPI, IDA, and AFA industry organizations. For additional information, please contact Carl Zabel at 480-968-6407.

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