Behlman's DCS200 series of COTS power supplies are low cost, highly reliable, switch mode units built for high-end industrial or MIL applications. The DCS200 can accept a wide range of inputs and can supply a variety of DC outputs. These rugged power supplies are built to support the rigor of airborne, shipboard and mobile applications and designed to meet the input power requirements of MIL-STD-704 and RTCA-DO160. Units are Base Plate cooled.

**INPUT**

- Input Transient protection: Per Mil-STD-704
- 85-265 VAC, 47-440 Hz, Power Factor Corrected

**OUTPUT:**

- 24VDC @ 12.5A
  - Load Regulation: 0.2% Maximum (0-100%)
  - Line Regulation: 0.2% Maximum
  - PARD-Ripple & Noise: 150 mV (0-10Mhz)
  - Current Limit: Over current & Short Circuit protection.
  - Over voltage: 140% max.
  - Efficiency: 75% typical

**GENERAL CHARACTERISTICS—see O&C drawing 24054**

- Isolation
  - Input to Output: 1000 VDC
  - Input to Case: 2500 VDC
  - Output to Case: 200 VDC
- Dimensional Data: 8.75"L X 5.0"W X 1.18"H
- Weight: 2.4 lbs
- J1- Input: 5 pin connector
- J2- Output: 30 pin connector

**ENVIRONMENTAL:** Designed to meet the following MIL Standards

- Operating Temperature: -40 to +85 degrees C Base Plate
- Storage Temperature: -55 to + 100 degrees C
- Shock: MIL-S-901; MIL-STD-810
- Humidity: MIL-STD-810