Behlman’s DCS2000 series of COTS power supplies are low cost, highly reliable, switch mode units built for high-end industrial or MIL applications. The DCS2000 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 MIL-STD-1399. Units are Base Plate cooled.

**INPUT**

- **Input Transient protection:** Per Mil-STD-1399
- **-1:** 85-265 VAC, 47-440 Hz, Power Factor Corrected

**OUTPUT (S):** D (Dual)

- **Voltage/Current:** 5 VDC +/-1% @120 A
- 3.3 VDC @ 160 A
- **Load Regulation:** 0.2% Maximum (0-100%)
- **Line Regulation:** 0.2% Maximum
- **PARD-Ripple & Noise:** 1% Typical
- **Current Limit:** Short Circuit and Over Current Protected
- **Over voltage:** Included
- **Efficiency:** 77% Typical
- **Remote Sense:** 0.6V compliance

**GENERAL CHARACTERISTICS-** See O&C drawing 24112

- **Isolation**
  - Input to Output: 1000 VDC
  - Input to Case: 2500 VDC
  - Output to Case: 200 VDC
- **Dimensional Data:** 14"L X 8.0"W X 2.0"H
- **Weight:** 5.6 lbs
- **J1- Input:** 7W2 Type Positronics
- **J2- Output:** 8W8 Type Positronics
- **J3- Output** 13W6 Type Positronics

**ENVIRONMENTAL:**

- **Operating Temperature:** -40 to +85 degrees C Base Plate
- **Storage Temperature:** -40 to + 100 degrees C
- **Designed to meet:**
  - **Shock:** MIL-S-901; MIL-STD-810
  - **Vibration:** MIL-STD-167; MIL-STD-810
  - **Humidity:** MIL-STD-810
  - **EMI/EMC:** MIL-STD-461C/D
  - **RE02/102 compliance when installed in shielded enclosure**