Behlman's DCS1000D-8 COTS power supply is a highly reliable, switch mode units built for Mission Critical Military applications as well as high-end industrial and commercial applications. The DCS1000D-8 will accept a 115 VAC, 3-phase Delta input and is configured to supply a redundant 15 VDC @ 33.3 Amps output. Can also be used as a single output voltage with combined current capability, (other voltages are available). This rugged power supply is built to support the rigor of Military shipboard applications and designed to operate from MIL-STD-1399 input power . Units are conduction cooled via baseplate.

**INPUT**
- Powered from MIL-STD-1399, Section 300B, Type II
- 115 VAC, 3-phase Delta, 360-440 Hz
- Power Factor: 0.90 Typical @ Full Load

**OUTPUT:**
- Redundant 15 VDC, 500 Watt supplies
  - Voltage/Current: 15 VDC +/-1% @ 66.6 A
  - Redundant Output: 15 VDC +/-1% @ 33.3 A
  - Load Regulation: 1.0% Maximum (1%-100%)
  - Line Regulation: 0.5% Maximum
  - PARD-Ripple & Noise: 1% Typical (2%-100% of rated load)
  - Efficiency: 82% Typical
  - Remote sense: 0.6 V compliance

**PROTECTION:**
- Overcurrent Protection: Auto-recovery type, Maximum 270% of rated load current
- Overvoltage Protection: Latching type, 114 – 123% of rated output voltage
- High Temp Warning: Isolated N.O. contact. Closes on high temp condition. 28 VDC at 1 A
  (Internal over-temperature protection provided for all active circuits)

**GENERAL CHARACTERISTICS:** See Outline & Connection drawing 12176
- Isolation
  - Input to Output: 1000 VDC
  - Input to Case: 1000 VDC
  - Output to Case: 500 VDC
- Dimensional Data: 9.75”L X 5.0”W X 2.50”H
  - 11.00”L over mounting feet
- Weight: 5.6 lbs
- J1- Input: DBM5W5PK127
- J2- Output: DCM21WA4SK126

**ENVIRONMENTAL:**
- Operating Temperature: -40 to +85° C Base Plate
- Storage Temperature: -55 to + 100° C Base Plate
- Designed to meet:
  - Shock: MIL-STD-810
  - Vibration: MIL-STD-167; MIL-STD-810
  - Humidity: MIL-STD-810
  - EMI/EMC: MIL-STD-461E; RE02/102 with proper shielding.