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

-2:

115Vac (92 – 150Vac) / 200Vac (180 – 250Vac) 45-440Hz
Dual input range, single phase

**OUTPUTS:**

6 total

- 12Vdc @ 1.2A / 1.5A max
- 13.8Vdc @ 0.6A / 1.5A max
- -12Vdc @ 0.1A / 0.5A max
- 12Vdc @ 0.1A / 0.5A max
- 15Vdc @ 0.2A / 0.35A max
- 5Vdc @ 0.2A / 1A max

Load Regulation: 0.2% Maximum (0-100%)
Line Regulation: 0.2% Maximum
PARD-Ripple & Noise: 150 mV (0-10Mhz)
Current Limit: Short circuit and over-current protected.
Over voltage: None
Efficiency: Typical 73%
Remote Sense: None

**GENERAL CHARACTERISTICS**

Isolation
- Input to Output: 1000 VDC
- Input to Case: 1000 VDC
- Output to Case: 200 VDC
Leakage: < 5uA
Dimensional Data: 8.0"L X 5.0"W X 1.1"H
Weight: 2.5 lbs max
J1- Input: 9 pin connector, M24308/24-25
J2- Output: 25 pin connector, M24308/23-27

**ENVIRONMENTAL:**

Operating Temperature: -40 to +85 degrees C Base Plate
Storage Temperature: -40 to + 100 degrees C
Designed to meet the following MIL Standards
- Shock: MIL-S-901; MIL-STD-810
- Humidity: MIL-STD-810

Please refer to the proper outline drawing for further detail. Behlman dwg #: 24039-X