DCS200( ) - (Input) - (V, A)

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 (I) Input Transient protection: Per Mil-STD-704**

-1: 85-265 VAC, 47-440 Hz, Power Factor Corrected
-2: 90-132 or 180-264 VAC, 47-440 Hz, Auto-ranging
-3: 20-32 VDC
-4: 36-72 VDC
-5: 200-400 VDC
-6: 115/200 VAC, 3 phase, 47-440 Hz
-7: 90-132 VAC, single phase, 47-440 Hz

**OUTPUT(S): S (Single); D (Dual); T (Triple); Q (Quad)**

Voltage: (V) 2 to 48 VDC +/-1%
Current: (A) (X) Amps. Maximum power 200 watts.
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: 72% to 85% depending on model.
Remote Sense: 0.6V compliance

**GENERAL CHARACTERISTICS**

Isolation
- Input to Output: 1000 VDC minimum
- Input to Case: 1000 VDC minimum
- Output to Case: 200 VDC minimum

Dimensional Data: 7.75"L X 5.0"W X 1.15"H

Weight: 2.4 lbs

J1- Input: 5 pin connector. Contact factory for options.

J2- Output: 30 pin connector. Contact factory for options.

**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
Vibration: MIL-STD-167; MIL-STD-810; RTCA/DO-160
Humidity: MIL-STD-810