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**

- **85-265 VAC, 47-440 Hz, Power Factor Corrected**

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

<table>
<thead>
<tr>
<th>Voltage/Current</th>
<th>5 VDC +/-1% @120 A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3.3 VDC @ 160 A</td>
</tr>
<tr>
<td>Load Regulation:</td>
<td>0.2% Maximum (0-100%)</td>
</tr>
<tr>
<td>Line Regulation:</td>
<td>0.2% Maximum</td>
</tr>
<tr>
<td>PARD-Ripple &amp; Noise:</td>
<td>1% Typical</td>
</tr>
<tr>
<td>Current Limit:</td>
<td>Short Circuit and Over Current Protected</td>
</tr>
<tr>
<td>Over voltage:</td>
<td>Included</td>
</tr>
<tr>
<td>Efficiency:</td>
<td>77% Typical</td>
</tr>
</tbody>
</table>

**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
- 5.6 lbs

**ENVIRONMENTAL:**

- Operating Temperature: -40 to +85 degrees C Base Plate
- Storage Temperature: -40 to + 100 degrees C
- 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

DCS2000D -1- (5,120)-(3.3,160)

P/N 94038