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
- Dual input range, single phase

**OUTPUTS:**
- (Q) Quad, 4 total
  - 13Vdc @ 0.6A / 1.5A max
  - 5Vdc @ 0.5A / 1A max

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<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>150 mV (0-10Mhz)</td>
</tr>
<tr>
<td>Current Limit</td>
<td>Short circuit and over-current protected.</td>
</tr>
<tr>
<td>Over voltage</td>
<td>None</td>
</tr>
<tr>
<td>Efficiency</td>
<td>Typical 75%</td>
</tr>
<tr>
<td>Remote Sense</td>
<td>None</td>
</tr>
</tbody>
</table>

**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

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

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ORBIT POWER GROUP
Behlman Electronics