

BEHLMAN

Model: DCS200Q - 2 - (13,1.5) - (13,1.5) - (5,1) - (5,1)

P/N: 94008

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: **(Q) Quad , 4 total**

13Vdc @ 0.6A / 1.5A max

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5Vdc @ 0.5A / 1A max

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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 75%
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

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

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

EMI/EMC: MIL-STD-461C/D; RTCA/DO-160D. RE102 with proper shielding.

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