## **Behlman Power Products**

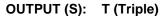
## **COTS POWER SUPPLY**

## DCS2000T - 1 - (12, 25)-(24, 25)-(24, 25) P/N 94040

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 Input Transient protection: Per Mil-STD-1399

-1: 85-265 VAC, 47-440 Hz, Power Factor Corrected



Voltage/Current 12 VDC +/-1% @ 25 A

24 VDC +/-1% @ 25 A 24 VDC +/-1% @ 25A

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: 81% Typical
Remote Sense: 0.6V compliance



Isolation

Input to Output: 1000 VDC Input to Case: 2500 VDC Output to Case: 200 VDC

Dimensional Data: 13.97"L X 8.0"W X 2.0"H

Weight: 5.6 lbs

J1- Input: 7W2 Type Positronics J2- Output 13W6 Type Positronics

**ENVIRONMENTAL:** 

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

Storage Temperature: -40 to + 100 degrees C

Designed to meet:

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



www.behlman.com

ORBIT POWER GROUP
Behlman Electronics

Headquarters: 80 Cabot Court, Hauppauge, NY 11788 631 435-0410 800 874-6727

Fax: 631 951-4341

sales@behlman.com