

### DCS1000T - 1 - (-12, 3.5) (12, 3.5)(24, 16.7) P/N 94039

Behlman's DCS1000 series of COTS power supplies are low cost, highly reliable, switch mode units built for high-end industrial or MIL applications. The DCS1000 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

**OUTPUT (S): T (Triple)**

Voltage/Current	12 VDC +/-1% @ 3.5 A
	12 VDC +/-1% @ 3.5 A
	24 VDC +/-1% @ 16.7 A
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:	80% Typical
Remote Sense:	0.6V compliance



**GENERAL CHARACTERISTICS-See O&C drawing 24105**

Isolation	
Input to Output:	1000 VDC
Input to Case:	2500 VDC
Output to Case:	200 VDC
Dimensional Data:	11.32"L X 5"W X 2.0"H
Weight:	3.4 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



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**ORBIT POWER GROUP**  
**Behlman Electronics**

Headquarters:  
80 Cabot Court, Hauppauge, NY 11788  
631 435-0410 800 874-6727  
Fax: 631 951-4341

2363 Teller Road, Suite 108  
Newbury Park, CA 91320  
805 375-7046 800 456-2006  
Fax: 805 498-2147

[sales@behlman.com](mailto:sales@behlman.com)