DCS200S - 1 - (24, 12.5)
P/N 94043

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

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

OUTPUT: 24VDC @ 12.5A

Load Regulation:	0.2% Maximum (0-100%)
Line Regulation:	0.2% Maximum
PARD-Ripple & Noise:	150 mV (0-10Mhz)
Current Limit:	Over current & Short Circuit protection.
Over voltage:	140% max.
Efficiency:	75% typical

GENERAL CHARACTERISTICS-see O&C drawing 24054

Isolation	
Input to Output:	1000 VDC
Input to Case:	2500 VDC
Output to Case:	200 VDC
Dimensional Data:	8.75"L X 5.0"W X 1.18"H
Weight:	2.4 lbs
J1- Input:	5 pin connector
J2- Output:	30 pin connector

ENVIRONMENTAL: Designed to meet the following MIL Standards

Operating Temperature:	-40 to +85 degrees C Base Plate
Storage Temperature:	-55 to + 100 degrees C
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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