BEHLMAN

Model: DCS200(6) - 2- (12,1.5) - (13.8,1.5) - (12,.5) - (12,.5) - (15,.35) - (5,1)
P/N: 94025

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: **6 total**
            12Vdc @ 1.2A / 1.5A max
            13.8Vdc @ 0.6A / 1.5A max
            -12Vdc @ 0.1A / 0.5A max
            12Vdc @ 0.1A / 0.5A max
            15Vdc @ 0.2A / 0.35A max
             5Vdc @ 0.2A / 1A max

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 73%
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.