

DCS200T-2-(5, 5)-(12,10)-(24,4.75) P/N 93015-2

Behlman's 93015-2 COTS power supply is a low cost, highly reliable, switch mode units built for high-end industrial or military applications. The 93015-2 can accept single-phase AC input power while supplying 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. Unit is Base Plate cooled.

INPUT

90-132 VAC, 47-440 Hz
Input Transient protection per Mil-STD-704A

OUTPUT

1. **5.0 VDC @ 0.5A continuous, 5A peak** †
 2. **12 VDC @ 2A continuous, 10A peak** †
 3. **24 VDC @ 2A continuous, 4.75A peak** †
- Load power:** 75W continuous, 170W peak †
Load Regulation: 0.2% Maximum (0-100%)
Line Regulation: 0.2% Maximum
PARD-Ripple & Noise: 150 mV (0-10Mhz)
Current Limit: Overcurrent and Short Circuit Protected.
Overvoltage: 120% typical
Efficiency: 65% typical (75W output power)
Remote turn on

† Peak loads must be applied individually, not in combination



GENERAL CHARACTERISTICS

Isolation
Input to Output: 500 VDC
Input to Case: 500 VDC
Output to Case: 100 VDC
Dimensional Data: 7.75"L X 5.0"W X 1.15"H
Weight: 2.2 lbs
J1- Input: Molex PN 39-30-3055
J2- Output: Molex PN 15-47-1401

ENVIRONMENTAL:

Operating Temperature: -40 to +85 degrees C Base Plate
Storage Temperature: -55 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.
Input power: MIL-STD-704A



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