DCS5008-6-(15, 7.1)-(-15, 1.5)-(8.5, 2.1)-(5, .8)-(3. 3.4)-(-2, 0.65)-(-5.2, 3.5)-(28, 3.55)

P/N 94058

Behlman's DCS500 series of COTS power supplies are low cost, highly reliable, switch mode units built for high-end industrial or MIL applications. The DCS500 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
-6: 115/200 VAC, 3-phase, 360-440 Hz

OUTPUT(S):

1. 15V @ 7.1A	**5. 3.3V @ 4A**
2. -15V @ 1.5A	**6. -2V @ 0.65A**
3. 8.5V @ 2.1A	**7. -5.2V @ 3.5A**
4. 5V @ .8A	**8. 28 @ 3.55A**

Load Regulation: 5% typical (no remote sense)
Line Regulation: 1% typical
PARD-Ripple & Noise: 1% typical
Current Limit: Short circuit and over-current protected.
Over voltage: Latching protection
Efficiency: 70% typical

GENERAL CHARACTERISTICS-See O&C drawing 24097

Isolation
Input to Output: 1000 VDC minimum
Input to Case: 1000 VDC minimum
Dimensional Data: 8"L (9.24 over mounting tabs X 3.5"W X 5.48"H.
Weight: 5.5 Lbs.
J1- Input: ITT Cannon P/N DBMMG5H5PJ
J2- Output: ITT Cannon P/N DCMM37SZ

ENVIRONMENTAL:

Operating Temperature: -25ºC to +80ºC Base Plate
Storage Temperature: -45ºC to +71 ºC
Vibration: Meets the requirements of MIL-STD-810E, Method 514.4

EMI/EMC:

Meets requirements of MIL-STD-461D, CE101, CE102

Designed to meet the following MIL Standards

Shock: MIL-STD-810E
Humidity: MIL-STD-810E

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