BEHLMAN

MODEL 00389

Behlman's 00389 COTS power supply is a highly reliable, switch mode units built for high-end industrial or Military applications. The 00389 can accept a three phase 115/200 VAC, 400 Hz input and can supply eight 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   Input Transient protection per Mil-STD-704A
115/200 VAC +/- 20%, 360-440 Hz

OUTPUT:

1.	+5 VDC @ 20 A	
2.	-5.2 VDC @ 12.5 A	
3.	-2 VDC @ 10 A	
4.	+8.5 VDC @ 10.6 A	
5.	-8.5 VDC @ 3.5 A	
6.	+15 VDC @ 16.7 A	
7.	-15 VDC @ 1.7 A	
8.	+28 VDC @ 2.7 A	

Load Regulation: 1.0% no load to full load at nominal line.
Line Regulation: 0.1% for 10% line change.
PARD-Ripple & Noise: 1% of output voltage p-p maximum. (0.1-10 MHz bandwidth)
Over voltage protection: 120% max.
Short circuit protection: Output voltage drops to less than 1 volt,
                 with automatic recovery
Current Limit: Constant current limited to 130% of rated current max.
Efficiency: 75%.

GENERAL CHARACTERISTICS
Isolation
    Input to Output: 1000 VDC
    Input to Case: 1000 VDC
    Output to Case: 200 VDC
Dimensional Data: 12.00"L X 7.00"W X 2.38"H
Weight: 6.4 lbs
Input: CBM5W5M0000S-759.0 POSITRONIC
Output: CBM24W7F2000S-759.0 POSITRONIC

ENVIRONMENTAL:
   Operating Temperature: -40°C to 80°C base plate cooled
   Storage Temperature: -57°C to 85°C
   MTBF   125,000 @ 25 Degrees C base plate, Ground benign

Designed to meet the following MIL Standards
Shock: MIL-S-901; MIL-STD-810C
Vibration: MIL-STD-167; MIL-STD-810C; RTCA/DO-160
Humidity: MIL-STD-810C
EMI/EMC: MIL-STD-461C/D; RTCA/DO-160. RE102 with proper shielding.
Input power: MIL-STD-704A