VME4000M(8) -1- (5,50)(-5,6)(12,12)(-12,2)(3.3,26) (-48,0.2)(5,1.2)(24,2)
P/N 94044-1

Behlman's VME4000 COTS power supply is a dual redundant rugged, low cost, highly reliable, switch mode unit built for high-end industrial and Military applications to power work stations and VME card racks. The VME4000 can accept a wide range of AC 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 MIL-STD-1399 and RTCA-DO160.

INPUT
85-265 VAC, 47-440 Hz, Power Factor Corrected
Input transient protection: per MIL-STD-704A
Hold-up time >20ms.

OUTPUT
1. 5 VDC @ 50 Amps
2. -5 VDC @ 6 Amps
3. 12 VDC @ 12 Amps
4. -12 VDC @ 2 Amps
5. 3.3 VDC @ 26 Amps
6. -48 VDC @ 0.2 Amps
7. 5 VDC stby @ 1.2 Amps With battery backup
8. 24 VDC fan @ 2 Amps

Load Regulation: 0.2% Maximum (0-100%)
Line Regulation: 0.2% Maximum
PARD-Ripple & Noise: 50 mV (0-10Mhz)all except 30mv.3.3V; 100mv. 12V
Current Limit: Constant current limited to 120% of rated current.
Over voltage: 120%
Efficiency: 75% Typical
Over Temperature protection

GENERAL CHARACTERISTICS
Isolation
    Input to Output: 1400 VDC
    Input to Case: 1400 VDC
    Output to Case: 100 VDC
Dimensional Data: See O&C DWG. 24069
Weight: 30 lbs max.
Cooling: Via internal fans
Input connector: IEC320
Interface: See O&C DWG 24069.

ENVIRONMENTAL:
Operating Temperature: -20 to + 55 °C
Storage Temperature: -40 to + 100 °C

Designed to meet the following MIL Standards
Shock: MIL-STD-810
Vibration: MIL-STD-810
Humidity: MIL-STD-810
EMI/EMC: MIL-STD-461E; CE101, CE102, CS101, 114, 115, 116, RS103
RE102 when installed in external shielded enclosure