### SPECIFICATIONS: LINEAR POWER SUPPLY IHD12-6.8

**MADE IN THE U.S.A.**

**VAC INPUT:**
- 100/120/220/240 VAC, +10%, -13%
- TOLERANCE FOR 230 VAC IS +15%, -10%
- FREQUENCY RANGE: 47-63Hz

**VAC JUMPERING AND FUSING REQUIREMENTS:**
- SILKSCREENED ON CHASSIS FOR TRANSFORMER PRIMARY TERMINALS
- **For Use at**
  - 100VAC: Jumper 1&3, 2&4
  - 120VAC: Jumper 1&3, 2&4
  - 220VAC: Jumper 2&3
  - 230/240VAC: Jumper 2&3
- **Apply AC**
  - 1&5
  - 4&1
- **Max Current / Fuse Rating**
  - 2A
  - 1A

**VDC OUTPUT:**
- 12 VDC @ 6.8 AMP

**OVERVOLTAGE PROTECTION:**
- NOT PROVIDED. AVAILABLE BY ADDING AN IOVP12 MODULE

**SHORT CIRCUIT PROTECTION:**
- AUTOMATIC FOLD BACK

**OVERLOAD PROTECTION:**
- AUTOMATIC CURRENT LIMIT

**LINE REGULATION:**
- +/- 0.05% FOR A 10% LINE CHANGE

**LOAD REGULATION:**
- +/- 0.05% FOR A 50% LOAD CHANGE
  (DERATE OUTPUT CURRENT 10% FOR 50 HZ OPERATION)

**OUTPUT RIPPLE:**
- 5.0mV PK-PK MAXIMUM

**TEMPERATURE RATINGS:**
- OPERATING: 0°C TO 50°C FULL RATED
- STORAGE: -40°C TO +85°C

**TEMPERATURE COEFFICIENT:**
- TYPICAL: 0.01%/DEGREE C
- MAXIMUM: 0.03%/DEGREE C

**STABILITY:**
- +/- 0.3% FOR 24 HOURS AFTER 1 HOUR WARM-UP

**EFFICIENCY (TYPICAL):**
- 55%

**TRANSPORT RESPONSE:**
- < 50 µsec per 50% LOAD CHANGE

**VIBRATION:**
- MIL-STD-810G, METHOD 514.6, CATEGORY 1, PROCEDURE 1
- RANDOM VIBRATION 10Hz - 2KHz, 6.15 grams (3 axis)

**SHOCK:**
- MIL-STD-810G, METHOD 516.6, PROCEDURE III
- OPERATING: 20 GPK

**REMOTE SENSING:**
- PROVIDED

**EMI/RFI:**
- INHERENT LOW CONDUCTED AND RADIATED NOISE LEVELS.
  - EMI: FCC CFR TITLE 47 PART 15 SUB-PART B
  - RFI: EN55022/CISPR22-LEVEL B COMPATIBILITY

UL recognized for US and Canada – File#E133338/ CE Mark: LVD 92/59/EEC/ RoHs-5 Lead in Solder Exemption
US and Canadian (Bi-National) standards: ANSI/UL 60950-1/-21; CAN/CSA C22.2 #60950-1/-21; IEC 60950-1
CASE SIZE: D

**D Case**
Overall Size: 9.00" x 4.87" x 3.28"
228.60mm x 123.70mm x 83.83mm
Weight 7.5 lbs.

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