**SPECIFICATIONS: LINEAR POWER SUPPLY IHD48-3  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

<table>
<thead>
<tr>
<th>For Use at</th>
<th>100VAC</th>
<th>120VAC</th>
<th>220VAC</th>
<th>230/240VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jumper</td>
<td>1&amp;3, 2&amp;4</td>
<td>1&amp;3, 2&amp;4</td>
<td>2&amp;3</td>
<td>2&amp;3</td>
</tr>
<tr>
<td>Apply AC</td>
<td>1&amp;5</td>
<td>1&amp;4</td>
<td>1&amp;5</td>
<td>1&amp;4</td>
</tr>
</tbody>
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Max Current / Fuse Rating: 3A 1.5A

**VDC OUTPUT:**
- 48 VDC @ 3 AMP

**OVERVOLTAGE PROTECTION:**
- NOT PROVIDED. AVAILABLE BY ADDING AN IVPN12 MODULE

**SHORT CIRCUIT PROTECTION:**
- AUTOMATIC FOLDBACK

**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:** 5.0 mV PK-PK MAXIMUM

**TEMPERATURE RATINGS:**
- OPERATING: 0°C TO 50°C FULL RATED
  DERATED LINEARLY TO 40% @ 70°C
- 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): 45%**

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

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

**REMOTE SENSING:** NOT PROVIDED

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

<table>
<thead>
<tr>
<th>INCH</th>
<th>mm</th>
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<tbody>
<tr>
<td>A</td>
<td>9.00</td>
</tr>
<tr>
<td>B</td>
<td>8.00</td>
</tr>
<tr>
<td>C</td>
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<tr>
<td>D</td>
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<td>E</td>
<td>4.125</td>
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<tr>
<td>F</td>
<td>1.250</td>
</tr>
<tr>
<td>G</td>
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</tr>
<tr>
<td>H</td>
<td>0.75</td>
</tr>
<tr>
<td>J</td>
<td>0.450</td>
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