SPECIFICATIONS: LINEAR POWER SUPPLY IHN5-9/OVP  
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>
<tr>
<td>Max Current / Fuse Rating</td>
<td>2A</td>
<td>1A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**VDC OUTPUT:**
- 5 VDC @ 9 AMP

**OVERVOLTAGE PROTECTION:**
- PROVIDED. FACTORY SET @ 6.2 VDC +/-0.4 VDC

**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

**TRANSIENT RESPONSE:** < 50 µsec per 50% LOAD CHANGE

**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:** 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: N

**N Case**

*Overall Size: 7.00" x 4.87" x 3.20"*

*177.80mm x 123.70mm x 81.28mm*

*Weight 6 lbs.*

<table>
<thead>
<tr>
<th>INCH</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>7.00</td>
</tr>
<tr>
<td>B</td>
<td>6.25</td>
</tr>
<tr>
<td>C</td>
<td>4.87</td>
</tr>
<tr>
<td>D</td>
<td>4.12</td>
</tr>
<tr>
<td>E</td>
<td>0.50</td>
</tr>
<tr>
<td>F</td>
<td>1.25</td>
</tr>
<tr>
<td>G</td>
<td>0.75</td>
</tr>
<tr>
<td>H</td>
<td>0.45</td>
</tr>
<tr>
<td>J</td>
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<tr>
<td>K</td>
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<tr>
<td>L</td>
<td>0.64</td>
</tr>
<tr>
<td>M</td>
<td>3.34</td>
</tr>
<tr>
<td>N</td>
<td>1.00</td>
</tr>
</tbody>
</table>

*"OVP (OPT)" indicates an optional overvoltage protection feature.*

*"1/8" Dia. Mtg Holes (16 Pl)" indicates 1/8" diameter mounting holes with a total of 16 holes.*