**SPECIFICATIONS: LINEAR POWER SUPPLY IHN28-3**

**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:
<table>
<thead>
<tr>
<th>For Use at</th>
<th>100VAC</th>
<th>120VAC</th>
<th>220VAC</th>
<th>230V/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:
- 28 VDC @ 3 AMP

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

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**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>4.125</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>
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<tr>
<td>J</td>
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<tr>
<td>K</td>
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</tr>
<tr>
<td>L</td>
<td>0.64</td>
</tr>
<tr>
<td>M</td>
<td>3.345</td>
</tr>
<tr>
<td>N</td>
<td>1.00</td>
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