SPECIFICATIONS: LINEAR POWER SUPPLY IHE28-6

**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>
</table>

Max Current / Fuse Rating
- 3A
- 1.5A

**VDC OUTPUT:**
- 28 VDC @ 6 AMP

**OVERVOLTAGE PROTECTION:**
- NOT PROVIDED. AVAILABLE BY ADDING AN IOVP24 MODULE

**SHORT CIRCUIT PROTECTION:**
- AUTOMATIC FOLDBACK

**OVERLOAD PROTECTION:**
- AUTOMATIC CURRENT LIMIT

**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

**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

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

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

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

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

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

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

**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: E

E Case
Overall Size: 14.00" x 4.87" x 3.53"
355.60mm x 123.70mm x 89.66mm
Weight 10 lbs.

<table>
<thead>
<tr>
<th>INCH</th>
<th>mm</th>
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<tbody>
<tr>
<td>A</td>
<td>355.60</td>
</tr>
<tr>
<td>B</td>
<td>330.20</td>
</tr>
<tr>
<td>C</td>
<td>123.70</td>
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<tr>
<td>D</td>
<td>104.78</td>
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<tr>
<td>E</td>
<td>12.70</td>
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<tr>
<td>F</td>
<td>31.75</td>
</tr>
<tr>
<td>G</td>
<td>19.05</td>
</tr>
<tr>
<td>H</td>
<td>16.51</td>
</tr>
<tr>
<td>J</td>
<td>69.85</td>
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</tbody>
</table>

Use at 30/1.5 Amperes for 1000 VDC Input.