SPECIFICATIONS: LINEAR POWER SUPPLY **IF24-12**

**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>

**VDC OUTPUT:**
- 24 VDC @ 12 AMP or 28 VDC @ 10 AMP

**VDC OUTPUT:**
- 24 VDC @ 12 AMP or 28 VDC @ 10 AMP

**OVERVOLTAGE PROTECTION:**
- Not provided. Available by adding an IOVP24 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

**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 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

900 GRAVES AVENUE * OXNARD, CA 93030 * PHONE: 805-981-1188 * EMAIL: powersales@internationalpower.com
CASE SIZE: F

F Case

Overall Size: 16.75" x 5.00" x 4.88"
425.45mm x 127mm x 123.95mm

Weight 19 lbs.

<table>
<thead>
<tr>
<th>INCH</th>
<th>mm</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>16.75</td>
</tr>
<tr>
<td>B</td>
<td>16.00</td>
</tr>
<tr>
<td>C</td>
<td>4.88</td>
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<tr>
<td>D</td>
<td>4.125</td>
</tr>
<tr>
<td>E</td>
<td>0.375</td>
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<tr>
<td>F</td>
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<tr>
<td>G</td>
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<tr>
<td>H</td>
<td>1.50</td>
</tr>
<tr>
<td>J</td>
<td>3.50</td>
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<tr>
<td>K</td>
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