**SPECIFICATIONS: LINEAR POWER SUPPLY IHBC512  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>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:**
- 5 VDC @ 3 AMP
- +/- 12 VDC @ 3.4 AMP
- +/- 15 VDC @ 3.0 AMP

**OVERVOLTAGE PROTECTION:**
- PROVIDED ON 5 VDC OUTPUT. AVAILABLE ON THE 12/15 VDC OUTPUT WITH 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

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

**TEMPERATURE RANGES:**
- OPERATING: 0°C TO 50°C FULL RATED
- 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: CC

CC Case
Overall Size: 9.38" x 4.87" x 3.28"
236.25mm x 123.70mm x 83.31mm
Weight 7 lbs.

<table>
<thead>
<tr>
<th>INCH</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>9.38</td>
</tr>
<tr>
<td>B</td>
<td>8.375</td>
</tr>
<tr>
<td>C</td>
<td>0.50</td>
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<tr>
<td>D</td>
<td>4.87</td>
</tr>
<tr>
<td>E</td>
<td>4.125</td>
</tr>
<tr>
<td>F</td>
<td>1.250</td>
</tr>
<tr>
<td>G</td>
<td>2.75</td>
</tr>
<tr>
<td>H</td>
<td>0.75</td>
</tr>
<tr>
<td>J</td>
<td>0.450</td>
</tr>
</tbody>
</table>

.188 DIA. MTG. HOLE (19 PL)