



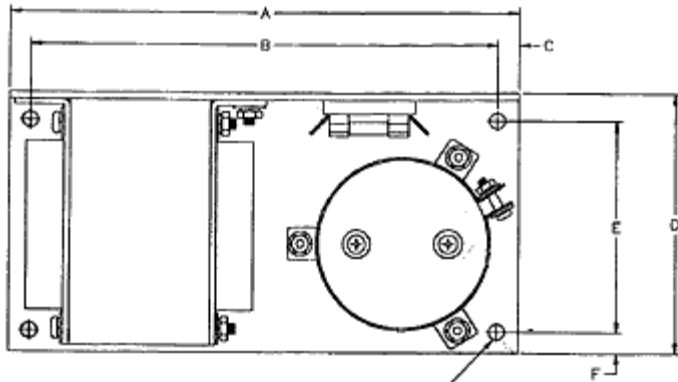
SPECIFICATIONS: LINEAR POWER SUPPLY IP500U24 MADE IN THE U.S.A.

| <p>VAC INPUT:</p> <ul style="list-style-type: none"> 120/240VAC, +/-10% (PRIMARY TAPS PROVIDED) FREQUENCY RANGE: 47-63HZ | <p>VAC JUMPERING AND FUSING REQUIREMENTS:</p> <p style="text-align: center;">SILKSCREENED ON CHASSIS FOR TRANSFORMER PRIMARY TERMINALS</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <thead> <tr> <th>USE AT:</th> <th>108VAC</th> <th>120VAC</th> <th>132VAC</th> <th>216VAC</th> <th>240VAC</th> <th>264VAC</th> </tr> </thead> <tbody> <tr> <td>Jumper</td> <td>1&5,2&6</td> <td>1&5,3&7</td> <td>1&5,4&8</td> <td>2&5</td> <td>3&5</td> <td>4&5</td> </tr> <tr> <td>Apply AC</td> <td>1&2</td> <td>1&3</td> <td>1&4</td> <td>1&6</td> <td>1&7</td> <td>1&8</td> </tr> <tr> <td>MaxCurrent/FuseRating</td> <td>8A</td> <td>8A</td> <td>8A</td> <td>4A</td> <td>4A</td> <td>4A</td> </tr> </tbody> </table> <p style="text-align: center; font-size: small;">CAUTION! NOT TO BE USED WITH IEC127 STYLE FUSE. USE ONLY AMERICAN AGC TYPE</p> | USE AT: | 108VAC | 120VAC | 132VAC | 216VAC | 240VAC | 264VAC | Jumper | 1&5,2&6 | 1&5,3&7 | 1&5,4&8 | 2&5 | 3&5 | 4&5 | Apply AC | 1&2 | 1&3 | 1&4 | 1&6 | 1&7 | 1&8 | MaxCurrent/FuseRating | 8A | 8A | 8A | 4A | 4A | 4A |
|--|---|---------|---------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|-----------------------|----|----|----|----|----|----|
| USE AT: | 108VAC | 120VAC | 132VAC | 216VAC | 240VAC | 264VAC | | | | | | | | | | | | | | | | | | | | | | | |
| Jumper | 1&5,2&6 | 1&5,3&7 | 1&5,4&8 | 2&5 | 3&5 | 4&5 | | | | | | | | | | | | | | | | | | | | | | | |
| Apply AC | 1&2 | 1&3 | 1&4 | 1&6 | 1&7 | 1&8 | | | | | | | | | | | | | | | | | | | | | | | |
| MaxCurrent/FuseRating | 8A | 8A | 8A | 4A | 4A | 4A | | | | | | | | | | | | | | | | | | | | | | | |
| <p>UNREGULATED VDC OUT@NOMINAL LINE</p> <ul style="list-style-type: none"> 24.6 VDC @ 20 AMP (FULL LOAD) 26.8 VDC @ HALF LOAD 29.2 VDC @ 0 AMP <p>DC CONNECTIONS:</p> <ul style="list-style-type: none"> +OUT 0.250x0.032 FAST-ON AT FUSE BLOCK -OUT(DC-RETURN)10-32-SCREW/SOLDER TERMINAL AT MINUS SIDE OF THE CAPACITOR | <p>EFFICIENCY (TYPICAL):</p> <ul style="list-style-type: none"> 75% TO 80% FULL LOAD <p>SHORT CIRCUIT PROTECTION:</p> <ul style="list-style-type: none"> OUTPUT FUSED @ 25 AMP | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>LINE REGULATION:</p> <ul style="list-style-type: none"> EQUAL TO % LINE CHANGE | <p>LOAD REGULATION @ NOMINAL LINE</p> <ul style="list-style-type: none"> 9% FOR A 50% TO 100% LOAD CHANGE (DERATE OUTPUT CURRENT 10% FOR 58 HZ OPERATION) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>OUTPUT RIPPLE: 3.0 VDC PK-PK MAXIMUM</p> | <p>MTBF: 1,800,000 HRS. CALCULATED PER MIL-HDBK-217F/25°C/GROUND BENIGN</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TEMPERATURE RATINGS:</p> <ul style="list-style-type: none"> OPERATING: 0°C TO 55°C FULL RATED DERATED LINEARLY TO 40% @ 70°C STORAGE: -40°C TO +95°C | <p>EMI/RFI: INHERENT LOW CONDUCTED AND REDIATED NOISE LEVELS.</p> <ul style="list-style-type: none"> EMI: FCC CFR TITLE 47 PART 15 SUB-PART B RFI: EN55022/CISPR22-LEVEL B COMPATIBILITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>VIBRATION:</p> <ul style="list-style-type: none"> MIL-STD-810G, METHOD 514.6, CATEGORY 1, PROCEDURE1 RANDOM VIBRATION 10Hz - 2KHz, 6.15 grams (3 axis) | <p>SHOCK:</p> <ul style="list-style-type: none"> MIL-STD-810G, METHOD 516.6, PROCEDURE III OPERATING: 20 GPK | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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: IP500U

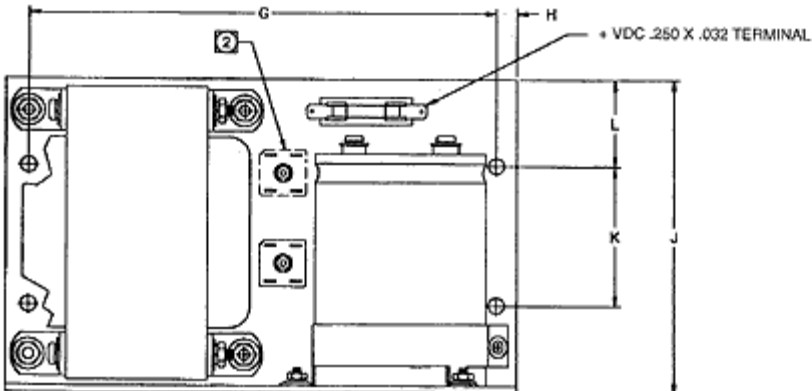


.281 DIA MTG HOLES (8X)

IP500U Case

Overall Size: 9.00" x 5.62" x 4.62"
228.60mm x 142.75mm x 117.35mm
Weight 18 lbs.

Note:
2 Optional location for additional Rectifier



| | INCH | mm |
|---|-------|--------|
| A | 9.00 | 228.6 |
| B | 8.25 | 209.55 |
| C | .37 | 9.40 |
| D | 4.62 | 117.35 |
| E | 3.750 | 95.25 |
| F | .38 | 9.65 |
| G | 8.240 | 209.30 |
| H | .35 | 8.89 |
| J | 5.62 | 142.75 |
| K | 2.500 | 63.50 |
| L | 1.56 | 39.62 |

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