



SPECIFICATIONS: LINEAR POWER SUPPLY IHE24-7.2 MADE IN THE U.S.A.

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|------------|--------|------------|--------|------------|--------|----------|----------|-----|-----|----------|-----|-----|-----|-----|---------------------------|----|--|----|--|
| <p>VAC INPUT:</p> <ul style="list-style-type: none"> • 100/120/220/240 VAC, +10%, -13% • TOLERANCE FOR 230 VAC IS +15%, -10% • FREQUENCY RANGE: 47-63HZ | <p>VAC JUMPERING AND FUSING REQUIREMENTS: SILKSCREENED ON CHASSIS FOR TRANSFORMER PRIMARY TERMINALS</p> <table border="1"> <tr> <td>For Use at</td> <td>100VAC</td> <td>120VAC</td> <td>220VAC</td> <td>230/240VAC</td> </tr> <tr> <td>Jumper</td> <td>1&3, 2&4</td> <td>1&3, 2&4</td> <td>2&3</td> <td>2&3</td> </tr> <tr> <td>Apply AC</td> <td>1&5</td> <td>1&4</td> <td>1&5</td> <td>1&4</td> </tr> <tr> <td>Max Current / Fuse Rating</td> <td colspan="2">4A</td> <td colspan="2">2A</td> </tr> </table> | For Use at | 100VAC | 120VAC | 220VAC | 230/240VAC | Jumper | 1&3, 2&4 | 1&3, 2&4 | 2&3 | 2&3 | Apply AC | 1&5 | 1&4 | 1&5 | 1&4 | Max Current / Fuse Rating | 4A | | 2A | |
| For Use at | 100VAC | 120VAC | 220VAC | 230/240VAC | | | | | | | | | | | | | | | | | |
| Jumper | 1&3, 2&4 | 1&3, 2&4 | 2&3 | 2&3 | | | | | | | | | | | | | | | | | |
| Apply AC | 1&5 | 1&4 | 1&5 | 1&4 | | | | | | | | | | | | | | | | | |
| Max Current / Fuse Rating | 4A | | 2A | | | | | | | | | | | | | | | | | | |
| <p>VDC OUTPUT:</p> <ul style="list-style-type: none"> • 24 VDC @ 7.2 AMP | <p>OVERVOLTAGE PROTECTION:</p> <ul style="list-style-type: none"> • NOT PROVIDED. AVAILABLE BY ADDING AN IOVP24 MODULE <p>SHORT CIRCUIT PROTECTION:</p> <ul style="list-style-type: none"> • AUTOMATIC FOLDBACK <p>OVERLOAD PROTECTION:</p> <ul style="list-style-type: none"> • AUTOMATIC CURRENT LIMIT | | | | | | | | | | | | | | | | | | | | |
| <p>LINE REGULATION:</p> <ul style="list-style-type: none"> • +/- 0.05% FOR A 10% LINE CHANGE | <p>LOAD REGULATION:</p> <ul style="list-style-type: none"> • +/- 0.05% FOR A 50% LOAD CHANGE (DERATE OUTPUT CURRENT 10% FOR 50 HZ OPERATION) | | | | | | | | | | | | | | | | | | | | |
| <p>OUTPUT RIPPLE: 5.0 mV PK-PK MAXIMUM</p> | <p>TRANSIENT RESPONSE: < 50 µsec per 50% LOAD CHANGE</p> | | | | | | | | | | | | | | | | | | | | |
| <p>TEMPERATURE RATINGS:</p> <ul style="list-style-type: none"> • OPERATING: 0°C TO 50°C FULL RATED DERATED LINEARLY TO 40% @ 70°C • STORAGE: -40°C TO +85°C | <p>TEMPERATURE COEFFICIENT:</p> <ul style="list-style-type: none"> • TYPICAL: 0.01%/DEGREE C • MAXIMUM: 0.03%/DEGREE C | | | | | | | | | | | | | | | | | | | | |
| <p>STABILITY: +/- 0.3% FOR 24 HOURS AFTER 1 HOUR WARM-UP</p> | <p>EFFICIENCY (TYPICAL): 55% - 60%</p> | | | | | | | | | | | | | | | | | | | | |
| <p>VIBRATION:</p> <ul style="list-style-type: none"> • MIL-STD-810G, METHOD 514.6, CATEGORY 1, PROCEDURE I • 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 | | | | | | | | | | | | | | | | | | | | |
| <p>REMOTE SENSING: PROVIDED</p> | <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 | | | | | | | | | | | | | | | | | | | | |

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

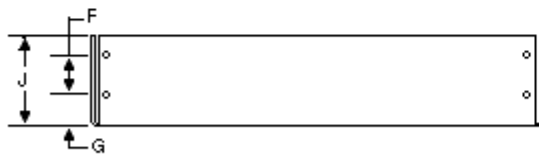
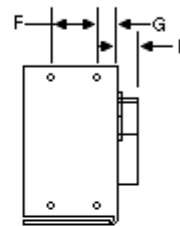
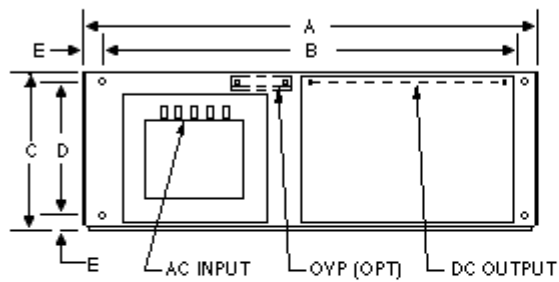
CASE SIZE: E

E Case

Overall Size: 14.00" x 4.87" x 3.53"

355.60mm x 123.70mm x 89.66mm

Weight 10 lbs.



| | INCH | mm |
|---|--------|--------|
| A | 14.00 | 355.60 |
| B | 13.000 | 330.20 |
| C | 4.87 | 123.70 |
| D | 4.125 | 104.78 |
| E | 0.50 | 12.70 |
| F | 1.250 | 31.75 |
| G | 0.75 | 19.05 |
| H | 0.650 | 16.51 |
| J | 2.75 | 69.85 |

TYPE AT 30V/ 5 AMPS FOR 100% DUTY CYCLE

Mouser Electronics

Authorized Distributor

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