



## SPECIFICATIONS: LINEAR POWER SUPPLY ICP131 MADE IN THE U.S.A.

<div>VAC INPUT:</div> <div><ul style="list-style-type: none"><li>100/120/220/240 VAC, +10%, -13%</li><li>TOLERANCE FOR 230 VAC IS +15%, -10%</li><li>FREQUENCY RANGE: 47-63HZ</li></ul></div>	<div>VAC JUMPERING AND FUSING REQUIREMENTS:</div> <div>SILKSCREENED ON CHASSIS FOR TRANSFORMER PRIMARY TERMINALS</div> <table><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&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><tr><td>Max Current / Fuse Rating</td><td colspan="2">3A</td><td colspan="2">1.5A</td></tr></table> <div>FOR -5VDC @ 0.7A OUTPUT, JUMPER E1-E2 AND RESET R44</div>	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	3A		1.5A	
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<div>VDC OUTPUT:</div> <div><ul style="list-style-type: none"><li>5 VDC @ 8 AMP</li><li>+/- 12 VDC @ 1.7 AMP OR +/- 15 VDC @ 1.5 AMP OR -5 VDC @0.7 AMP</li></ul></div>	<div>OVERVOLTAGE PROTECTION:</div> <div><ul style="list-style-type: none"><li>PROVIDED ON 5 VDC OUTPUT (FACTORY SET AT 6.2 VDC +/- 0.4 VDC</li></ul></div> <div>SHORT CIRCUIT PROECTION:</div> <div><ul style="list-style-type: none"><li>AUTOMATIC FOLDBACK</li></ul></div> <div>OVERLOAD PROTECTION:</div> <div><ul style="list-style-type: none"><li>AUTOMATIC CURRENT LIMIT</li></ul></div>																				
<div>LINE REGULATION:</div> <div><ul style="list-style-type: none"><li>+/- 0.05% FOR A 10% LINE CHANGE</li></ul></div>	<div>LOAD REGULATION:</div> <div><ul style="list-style-type: none"><li>+/- 0.05% FOR A 50% LOAD CHANGE (DERATE OUTPUT CURRENT 10% FOR 50 HZ OPERATION)</li></ul></div>																				
<div>OUTPUT RIPPLE: 5.0 mV PK-PK MAXIMUM</div>	<div>TRANSIENT RESPONSE: &lt; 50 µsec per 50% LOAD CHANGE</div>																				
<div>TEMPERATURE RATINGS:</div> <div><ul style="list-style-type: none"><li>OPERATING: 0°C TO 50°C FULL RATED DERATED LINEARLY TO 40% @ 70°C</li><li>STORAGE: -40°C TO +85°C</li></ul></div>	<div>TEMPERATURE COEFFICIENT:</div> <div><ul style="list-style-type: none"><li>TYPICAL: 0.01%/DEGREE C</li><li>MAXIMUM: 0.03%/DEGREE C</li></ul></div>																				
<div>STABILITY: +/- 0.3% FOR 24 HOURS AFTER 1 HOUR WARM-UP</div>	<div>EFFICIENCY (TYPICAL): 45%</div>																				
<div>VIBRATION:</div> <div><ul style="list-style-type: none"><li>MIL-STD-810G, METHOD 514.6, CATEGORY 1, PROCEDURE1</li><li>RANDOM VIBRATION 10Hz - 2KHz, 6.15 grams (3 axis)</li></ul></div>	<div>SHOCK:</div> <div><ul style="list-style-type: none"><li>MIL-STD-810G, METHOD 516.6, PROCEDURE III</li><li>OPERATING: 20 GPK</li></ul></div>																				
<div>REMOTE SENSING: PROVIDED</div>	<div>EMI/RFI: INHERENT LOW CONDUCTED AND REDIATED NOISE LEVELS.</div> <div><ul style="list-style-type: none"><li>EMI: FCC CFR TITLE 47 PART 15 SUB-PART B</li><li>RFI: EN55022/CISPR22-LEVEL B COMPATIBILITY</li></ul></div>																				

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: 131

