



## SPECIFICATIONS: LINEAR POWER SUPPLY IHB48-0.5

**MADE IN THE U.S.A.**

<b>VAC INPUT:</b> <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>	<b>VAC JUMPERING AND FUSING REQUIREMENTS:</b> SILKSCREENED ON CHASSIS FOR TRANSFORMER PRIMARY TERMINALS <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>4&amp;1</td><td>1&amp;5</td><td>4&amp;1</td></tr><tr><td>Max Current / Fuse Rating</td><td colspan="2">0.75A</td><td colspan="2">0.375A</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	4&1	1&5	4&1	Max Current / Fuse Rating	0.75A		0.375A	
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<b>VDC OUTPUT:</b> <ul style="list-style-type: none"><li>48 VDC @ 0.5 AMP</li></ul>	<b>OVERVOLTAGE PROTECTION:</b> <ul style="list-style-type: none"><li>NOT PROVIDED. AVAILABLE BY ADDING AN IOVP12 MODULE</li></ul> <b>SHORT CIRCUIT PROTECTION:</b> <ul style="list-style-type: none"><li>AUTOMATIC FOLDBACK</li></ul> <b>OVERLOAD PROTECTION:</b> <ul style="list-style-type: none"><li>AUTOMATIC CURRENT LIMIT</li></ul>																				
<b>LINE REGULATION:</b> <ul style="list-style-type: none"><li>+/- 0.05% FOR A 10% LINE CHANGE</li></ul>	<b>LOAD REGULATION:</b> <ul style="list-style-type: none"><li>+/- 0.05% FOR A 50% LOAD CHANGE (DERATE OUTPUT CURRENT 10% FOR 50 HZ OPERATION)</li></ul>																				
<b>OUTPUT RIPPLE:</b> 9.6 mV PK-PK	<b>TRANSIENT RESPONSE:</b> < 50 μsec per 50% LOAD CHANGE																				
<b>TEMPERATURE RATINGS:</b> <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>	<b>TEMPERATURE COEFFICIENT:</b> <ul style="list-style-type: none"><li>TYPICAL: 0.01%/DEGREE C</li><li>MAXIMUM: 0.03%/DEGREE C</li></ul>																				
<b>STABILITY:</b> +/- 0.3% FOR 24 HOURS AFTER 1 HOUR WARM-UP	<b>EFFICIENCY (TYPICAL):</b> 55%																				
<b>VIBRATION:</b> <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>	<b>SHOCK:</b> <ul style="list-style-type: none"><li>MIL-STD-810G, METHOD 516.6, PROCEDURE III</li><li>OPERATING: 20 GPK</li></ul>																				
<b>REMOTE SENSING:</b> NOT PROVIDED	<b>EMI/RFI:</b> INHERENT LOW CONDUCTED AND REDIATED NOISE LEVELS. <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>																				

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: B

