



SPECIFICATIONS: LINEAR POWER SUPPLY IHB48-0.5

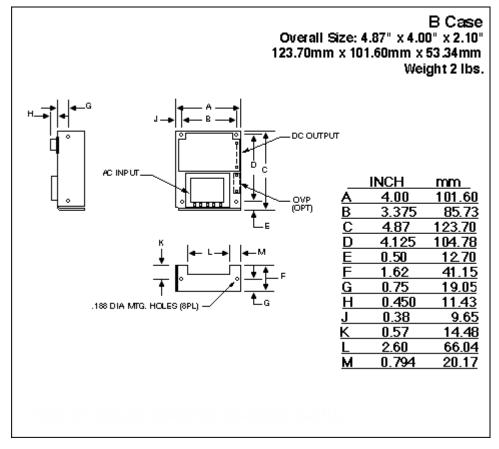
MADE IN THE U.S.A.

VAC INPUT:	VAC JUMPERING AND FUSING REQUIREMENTS:					
	SILKSCREENED ON CHASSIS FOR TRANFORMER PRIMARY TERMINALS					
 100/120/220/240 VAC, +10%, -13% 	For Use at	100VAC	120VAC	220VAC	230/240VAC	
• TOLERANCE FOR 230 VAC IS +15%, -10%	Jumper	1&3, 2&4	1&3, 2&4	2&3	2&3	
• FREQUENCY RANGE: 47-63HZ	Apply AC	1&5	4&1	1&5	4&1	
	Max Current / Fuse Rating 0.75A 0.375A					
VDC OUTPUT:	OVERVOLTAGE PROT	ECTION:				
• 48 VDC @ 0.5 AMP	NOT PROVIDED. AVAILABLE BY ADDING AN IOVP12 MODULE					
	SHORT CIRCUIT PROTECTION:					
	AUTOMATIC FOLDBACK					
	OVERLOAD PROTECTION:					
	AUTOMATIC CURRENT LIMIT					
LINE REGULATION:	LOAD REGULATION:					
• +/- 0.05% FOR A 10% LINE CHANGE	• +/- 0.05% FOR A 50% LOAD CHANGE					
	(DERATE OUTPUT CURRENT 10% FOR 50 HZ OPERATION)					
OUTPUT RIPPLE: 9.6 mV PK-PK	TRANSIENT RESPONSE: < 50 μsec per 50% LOAD CHANGE					
TEMPERATURE RATINGS:	TEMPERATURE COEFFICIENT:					
OPERATING: 0°C TO 50°C FULL RATED	• TYPICAL: 0.01%/DEGREE C					
DERATED LINEARLY TO 40% @ 70°C	• MAXIMUM: 0.03	%/DEGREE C				
• STORAGE: -40°C TO +85°C						
STABILITY: +/- 0.3% FOR 24 HOURS AFTER 1 HOUR WARM-UP	EFFICIENCY (TYPICAL): 55%					
VIBRATION:	SHOCK:					
MIL-STD-810G, METHOD 514.6, CATEGORY 1, PROCEDURE1	MIL-STD-810G, METHOD 516.6, PROCEDURE III					
RANDOM VIBRATION 10Hz - 2KHz, 6.15 grams (3 axis)	OPERATING: 20 GPK					
REMOTE SENSING: NOT PROVIDED	EMI/RFI: INHERENT LOW CONDUCTED AND REDIATED 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



CASE SIZE: B



Mouser Electronics

Authorized Distributor

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International Power: IHB48-0.5