INTERNATIONAL POWER
DC POWER SUPPLIES

SPECIFICATIONS: LINEAR POWER SUPPLY **IHB28-1**

MADE IN THE U.S.A.

VAC INPUT:

- 100/120/220/240 VAC, +10%, -13%
- TOLERANCE FOR 230 VAC IS +15%, -10%
- FREQUENCY RANGE: 47-63HZ

VAC JUMPERING AND FUSING REQUIREMENTS:

SILKSCREENED ON CHASSIS FOR TRANFORMER PRIMARY TERMINALS

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	

VDC OUTPUT:

- 28 VDC @ 1 AMP

OVERVOLTAGE PROTECTION:

- NOT PROVIDED. AVAILABLE BY ADDING AN IOVP12 MODULE

SHORT CIRCUIT PROTECTION:

- AUTOMATIC FOLDBACK

OVERLOAD PROTECTION:

- AUTOMATIC CURRENT LIMIT

LINE REGULATION:

- +/- 0.05% FOR A 10% LINE CHANGE

LOAD REGULATION:

- +/- 0.05% FOR A 50% LOAD CHANGE
  (DERATE OUTPUT CURRENT 10% FOR 50 HZ OPERATION)

OUTPUT RIPPLE: 5.0mV PK-PK MAXIMUM

TRANSIENT RESPONSE: < 50 µsec per 50% LOAD CHANGE

TEMPERATURE RATINGS:

- OPERATING: 0°C TO 50°C FULL RATED
  DERATED LINEARLY TO 40% @ 70°C
- STORAGE: -40°C TO +85°C

TEMPERATURE COEFFICIENT:

- TYPICAL: 0.01%/DEGREE C
- MAXIMUM: 0.03%/DEGREE C

STABILITY: +/- 0.3% FOR 24 HOURS AFTER 1 HOUR WARM-UP

EFFICIENCY (TYPICAL): 60%

VIBRATION:

- MIL-STD-810G, METHOD 514.6, CATEGORY 1, PROCEDURE1
- RANDOM VIBRATION 10Hz - 2KHz, 6.15 grams (3 axis)

SHOCK:

- MIL-STD-810G, METHOD 516.6, PROCEDURE III
- OPERATING: 20 GPK

REMOTE SENSING: 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

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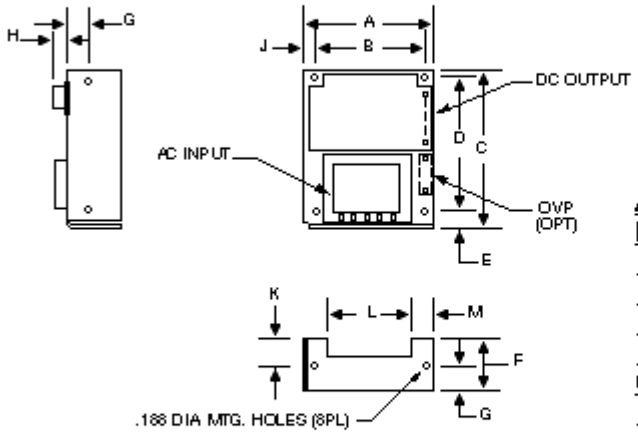
CASE SIZE: B

B Case
Overall Size: 4.87" x 4.00" x 2.10"
123.70mm x 101.60mm x 53.34mm
Weight 2 lbs.



	INCH	mm
A	4.00	101.60
B	3.375	85.73
C	4.87	123.70
D	4.125	104.78
E	0.50	12.70
F	1.62	41.15
G	0.75	19.05
H	0.450	11.43
J	0.38	9.65
K	0.57	14.48
L	2.60	66.04
M	0.794	20.17