



SPECIFICATIONS

POWER SUPPLY MODEL IHB5-3/OVP

AC INPUT:

100/120/220/240 VAC, +10%, -13%, 47-63 HZ. TOLERANCE FOR 230 VOLT OPERATION IS +15%, -10%. DERATE OUTPUT CURRENT 10% FOR 50 HZ OPERATION.

SEE CHASSIS SILK SCREEN DATA SHEET FOR TRANSFORMER PRIMARY JUMPERING AND FUSING REQUIREMENTS.

DC OUTPUT:

5 VDC @ 3.0 AMPS, CASE SIZE "B"

OVERVOLTAGE PROTECTION:

FACTORY SET AT 6.2 VOLTS, + or - 0.4 VOLTS

LINE REGULATION:

+ or - .05% FOR A 10% LINE CHANGE

LOAD REGULATION:

+ or - .05% FOR A 50% LOAD CHANGE

OUTPUT RIPPLE:

5.0 mV PK-PK MAXIMUM

TRANSIENT RESPONSE:

LESS THAN 50 usec FOR A 50% LOAD CHANGE

SHORT CIRCUIT AND OVERLOAD PROTECTION:

AUTOMATIC CURRENT LIMIT/FOLDBACK

REMOTE SENSING:

PROVIDED

STABILITY:

+ or - 0.3% FOR 24 HOURS AFTER WARM-UP

TEMPERATURE RATINGS:

OPERATING:

0 DEGREES C to 50 DEGREES C FULL RATED, DERATED LINEARLY TO 40% AT 70 DEGREES C

STORAGE:

- 40 DEGREES C to +85 DEGREES C



POWER SUPPLY MODEL IHB5-3/OVP CONTINUED

TEMPERATURE COEFFICIENT:

.01%/DEGREE C TYPICAL, .03% /DEGREE MAXIMUM

EFFICIENCY (TYPICAL)

45%

VIBRATION:

PER MIL-STD-810D, METHOD 514.3, CATEGORY 1, PROCEDURE 1

SHOCK:

PER MIL-STD-810D, METHOD 516.3, PROCEDURE III

EMI/RFI:

THESE LINEAR POWER SUPPLIES HAVE INHERENTLY LOW CONDUCTED AND RADIATED NOISE LEVELS. FOR MOST SYSTEM APPLICATIONS THEY WILL MEET THE REQUIREMENTS OF FCC DOCKET 20780 FOR CLASS B EQUIPMENT AND VDE 0871 FOR CLASS B

SAFETY: UL RECOGNIZED FOR USA AND CANADA, TUV RHEINLAND LICENSED.