



## SPECIFICATIONS

### POWER SUPPLY MODEL IHC24-2.4

#### 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:

24 VDC @ 2.4 AMP, "C" CASE SIZE

#### OVERVOLTAGE PROTECTION:

EXTERNAL OVP MODULE AVAILABLE

#### LINE REGULATION:

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

#### LOAD REGULATION:

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

#### OUTPUT RIPPLE:

5.0 mV PK-PK MAXIMUM, 3mV TYPICAL.

#### TRANSIENT RESPONSE:

LESS THAN 50  $\mu$ SEC FOR A 50% LOAD CHANGE

#### SHORT CIRCUIT AND OVERLOAD PROTECTION:

AUTOMATIC CURRENT LIMIT/FOLDBACK (FACTORY SET 130% TYPICAL)

#### 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 IHC24-2.4 CONTINUED

### TEMPERATURE COEFFICIENT:

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

### EFFICIENCY (TYPICAL)

45%/55%

### 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.