

PS1 24V 1.2A Linear Power Supply

Features:

-VDE transformer construction

- +/- .05% regulation

-T.C. burned-in to MIL-883 Lev.B

-100/120/220/230-240 VAC

-0 to 50C operation

-UL recognized/CSA certified

-Overvoltage protection on 5V outputs

-Foldback/current limit.

AC INPUT:
100/120/220/230-240 VAC.
+10%, -13%, 47-63Hz. (Derate output current 10% for 50Hz operation.)

LINE REGULATION:
+/- .05% for a 10% line change

LOAD REGULATION:
+/- .05% for a 50% load change

OUTPUT RIPPLE:
2V to 15V outputs: 5.0mV PK-PK maximum
24V to 250V outputs: 3.0mV+.02%Vout Pk-Pk maximum)

TRANSIENT RESPONSE:
<50microsecond for 50 to 100% load change.

SHORT CIRCUIT AND OVERLOAD PROTECTION:
Automatic current limit/foldback

OVERVOLTAGE PROTECTION:
Built-in on all 5V outputs. Set at 6.2VDC +/- 0.4V. Other outputs may use optional overvoltage protection.

REMOTE SENSING:
Open sense lead protection built-in.

STABILITY:
0.3% for 24 hour period after 1 hour warm-up.

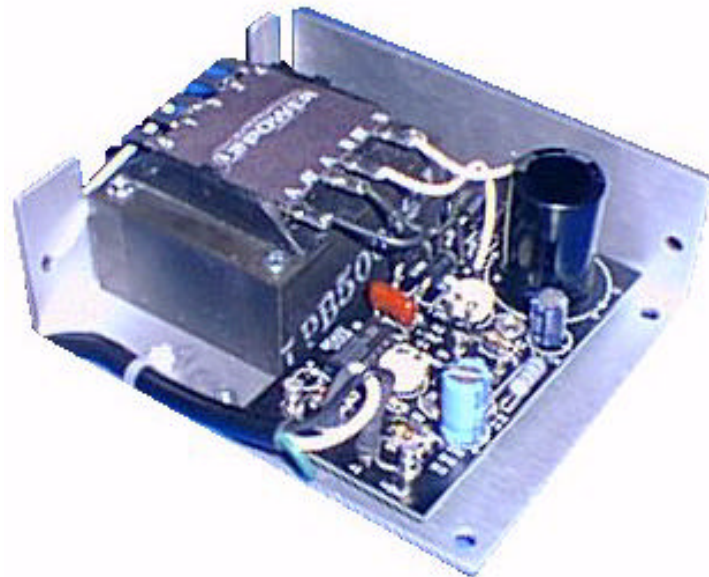
TEMPERATURE RATING:
0C to 50C full-rated, derated linearly to 40% at 70C. 12CFM forced air colling required to meet IEC 380/950 above 80% of total rated output power.

TEMPERATURE COEFFICIENT:
+/- .03%/ C maximum

EFFICIENCY:(typical)
2V to 5V outputs: 45%
12V to 15V outputs: 55%
24V through 28V & 48V through 250V outputs: 60%

VIBRATION SHOCK:
Per MIL-STD-810D, Method 514.3, Category 1, Procedure 1
Per MIL-STD-810D, Method 516.3, Procedure III

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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