



Medical PSU

FSP035M-B23-12

FEATURES

- Class-I design
- Compact size 2" x 3"x 1.12"
- Wide operation voltage 85~264Vac
- Wide operation temperature -20°C~50°C
- No load power consumption less than 0.3W
- High altitude 5000 meters operation
- EN55011 /55022 level B emissions
- OVP, OPP, OTP protection

WATTAGE

Wattage: 35W

DIMENSION

Dimension: 76.2mm(L) x 50.8mm(W) x 29mm(H)

INPUT SPECIFICATION

Input Range: 85-264 Vac
Input Frequency: 47-63 Hz
Input Current: 0.8A (rms) for 115VAC, 0.4A (rms) for 230VAC
Leakage Current: 275 μ A max. @ 264 VAC, 63 Hz

SAFETY STANDARD APPROVAL



GENERAL SPECIFICATION

Efficiency: 87% @ 230Vac
Genvol: +12V: \pm 3%
Inrush Current: 25A @ 115VAC, or 50A @ 230VAC, at 25°C cold start

ENVIRONMENTAL SPECIFICATION

TEMP.Range: Operating Temperature: -20°C to +50°C
Storage Temperature: -40°C to +85°C
Humidity: Operating : 10% to 90% RH, Non-condensing
Storage :5 % to 95% RH, Non-condensing
MTBF: 350,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217F

OUTPUT ELECTRICAL

Single Output: 12 V/ 2.92 A
Line Regulation: +/- 1%
Load Regulation: +/- 3%

NOTES

1. Ripple and noise is maximum peak to peak voltage value measured at output within 20 MHz bandwidth, at rated line voltage and output load ranges, and with a 10 μ F tantalum capacitor in parallel with a 0.1 μ F ceramic capacitor across the output.

This content is subject to change, please refer to specification for more detail.
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