Medical PSU
FSP015-RAMM

DESCRIPTION

This series of AC/DC wall mount switching power supplies are for 15 watts of continuous output power. They are enclosed in a 94V-1 rated polyphenylene-oxide case with four types of interchangeable AC plugs: European plug, UK plug and North American plugs. All models meet EN55011 and FCC class B emission limits, and are designed for medical application, not for life-supporting equipment.



FEATURES

- Interchangeable AC plugs
- High efficiency
- Low ripple & noise
- Over voltage protection
- Short-circuit protection
- 100% burn-in at full rated load
- Standby consumption less than 0.3 W
- Compliant with CEC and ENERGY STAR efficiency level V requirements
- Compliant with RoHS requirements

WATTAGE

Wattage:	15W

DIMENSION

Dimension:	78.3mm(L) x 51.8mm(W) x 34.5mm(H)

INPUT SPECIFICATION

Input Range:	90-264 Vdc
Input Frequency:	47-63 Hz
Input Current:	0.5A(rms) for115VAC, 0.3A(rms) for230VAC
Leakage Current:	100 μA max. @ 264 VAC,63 Hz

SAFETY STANDARD APPAOVAL

OUTPUT SPECIFICATION

Ripple & Noise:	Maximum excursion of 4% or better on all models, recovering to 1% of final value within 500 us after a 25% step load change
Over Current Protection:	Protected to short circuit conditions

ENVIRONMENTAL SPECIFICATION

TEMP.Range:	Operating Temperature:0°C to +40°C Storage Temperature: -20°C to + 85℃

OUTPUT ELECTRICAL

Single Output:	5 V/ 3 A

NOTES

1. FSP015-RxMM series are interchangeable AC plugs which are to be ordered separately. FSP015-RxDM-NP models are with fixed North American AC plug, and FSP015-RxEM models with fixed European AC plug.
2. 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 μF tantalum capacitor in parallel with a 0.1 μF ceramic capacitor across the output.

This content is subject to change, please refer to specification for more detail.
FSP reserve the right to change the content without prior notice