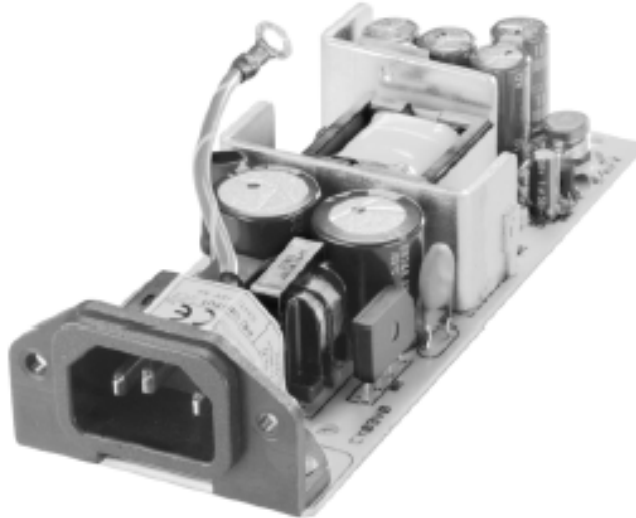




25W Universal Input, Compact PCB PSA25LS Open Frame with C14 Connector



Features

- Compact 2" x 5" PCB
- CISPR 22B ; FCC B EMI
- Low .85" Profile
- Integral AC Connector

Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

Safety Approvals

- cUL 1950
- CE (Low Voltage Directive)
- TUV EN60950

Mechanical Characteristics

- Length: 127mm (5in)
- Width: 50.8mm (2in)
- Height: 21.4mm (0.85in)
- Weight: 135g (4.7oz)

Output Specifications

Model ⁽¹⁾ (3 Wire Version)	DC Output Voltage	Load		Ripple* P-P (max.)	Regulation		Max Power
		Min.	Max.		Line	Load	
PSA25LS-033	3.3V	0A	5A	50mV	±1%	±2%	16.5W
PSA25LS-050	5.0V	0A	5A	50mV	±1%	±2%	25.0W

*Measured at maximum load by using a 12-inch twisted pair, terminated with a 10mfd capacitor and 0.1mfd ceramic in parallel.

Note (1) – Minimum order quantity of 1000 pieces required for this series

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Input:**AC Input Voltage Rating**

100 to 240V AC

AC Input Voltage Range

85 to 260V AC

AC Input Frequency

47 to 63Hz

Input Current

0.8A (RMS) at 120V AC

0.4A (RMS) at 240V AC

Leakage Current

3.5mA maximum at 254V AC

Inrush Current

30A maximum at 120V AC

60A maximum at 240V AC

Hold-up Time

16.7mS minimum at maximum load and 120V AC

Output:**Efficiency**

75% typical at maximum load and 115V AC

Over-Voltage Protection

Zener Diode Clamping

Over-Current Protection

Short Circuit Protection – Auto-Restart

Short-Circuit Protection

Output can be shorted without damage

Environmental:**Temperature**

Operation 0 to 50°C

Non-operation -25 to +75°C

Humidity

Operation 0 to 85% non-condensing

Emissions

FCC Class B

EN55022 Class B

Immunity

EN50082-1: 1997

EN61000-4-2 Level 3

EN61000-4-3 Level 2

EN61000-4-4 Level 2

EN61000-4-5 Level 3

EN61000-4-6 Level 2

EN61000-4-11

General:**Insulation Resistance**

Input to Output: 500V DC 10M Ohm minimum

Dielectric Withstand (Hi-pot) Test

Input to Output: 3000V AC for 1 min., 10mA

Input to Ground: 1500V AC for 1 min, 10mA

Switching Frequency

100KHz (typical)

MTBF (Full load and 110V AC, 25°C)

MIL-HDBK-217F: 150K hrs

AC Input Connector (Molex or Equivalent)

EN60320/C14

DC Output Connector

Molex 09-65-2048 or equivalent

