



PSA-25LS



PSA-25LS OEM OPEN FRAME

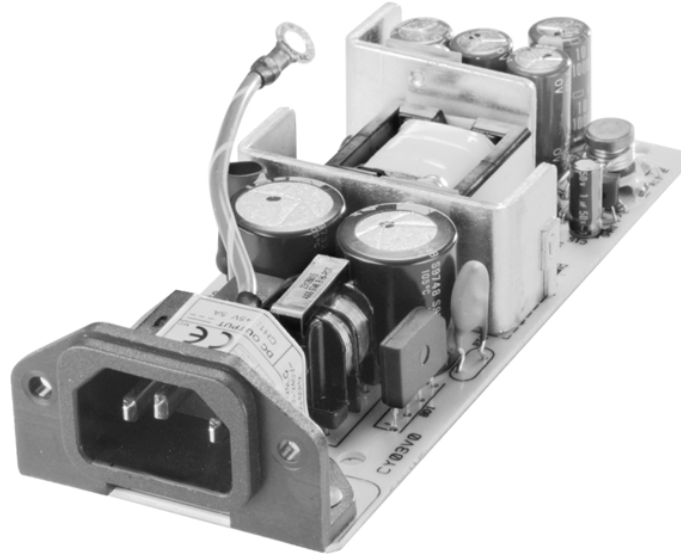
Dimensions

Length: 127mm (5in)
Height: 21.5mm (0.846in)
Width: 50.8mm (2in)
Weight: 135gm (4.7oz)

MODEL	DC OUTPUT VOLTAGE	LOAD	
		Min.	Max.
PSA-25LS-033*	3.3V	0A	5A
PSA-25LS-050*	5.0V	0A	5A



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 Pending

- cUL 1950, 3rd Edition
- CE (Low Voltage Directive)
- TUV EN60950

Mechanical Characteristics

- Dimensions:
- Length: 127mm (5in)
 - Width: 50.8mm (2in)
 - Height: 21.5mm (0.846in)
 - Weight: 135gm (4.7oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P	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

(1) Measured at full load by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel

PSA25LS Characteristics

POWER SUPPLY

INPUT:

AC Input Voltage

85 to 264 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

0.5Arms (120VAC)

0.25Arms (240VAC)

AC Inrush Current (Cold)

30A max. (120VAC)

60A max. (240VAC)

Efficiency

70% Typical

OUTPUT:

Hold-up Time

16ms Full load, 120VAC

Overvoltage Protection

Zener Diode Clamping

Overcurrent Protection

Auto Restart

ENVIRONMENTAL:

Operation Temperature (Convection)

0 to 50°C

Storage Temperature

-25 to +75°C

Humidity

20 to 90% RH (Non-condensing)

Emissions

FCC Class B

EN 55022 B

Immunity

EN 50082-1: 1997

61000-4-2, Level 3

61000-4-3, Level 2

61000-4-4, Level 2

61000-4-5, Level 3

61000-4-6, Level 2

61000-4-11

GENERAL:

Leakage Current

Less than 0.75mA (254VAC)

Dielectric Withstand (Hipot)

Input to Output
3000VAC, 1 min., 10mA

Switching Frequency

100KHz (typical)

MTBF (Full Load, 25°C)

MIL-HDBK-217F: 150K hrs.

AC Input Connector

EN 60320/C14

DC Output Connector

Molex 09-65-2048 or Equivalent

Dimension Diagram Unit: mm (inch)

