



5 Watt - Two Wire Universal Input PSA05A Slim Profile Adapter



Features

- NEMA Plug in
- Zero Minimum Load
- Slim 1" Height
- 100 μ A Leakage
- ISO 9001 Quality System
- Fits multiple Plug Strip

Applications

- Portable Instruments
- PDA
- Peripherals
- Modems

Safety Approvals

- cUL 1950

Mechanical Characteristics

- Dimensions:
- Length: 62mm (2.24in)
 - Height: 25mm (0.98in)
 - Width: 44mm (1.75in)
 - Weight: 90gm (3.2oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P	Regulation	
		Min.	Max.		Line	Load
PSA05A*-033	3.3V	0A	1.2A	100mV	$\pm 2\%$	$\pm 5\%$
PSA05A*-050	5V	0A	1.0A	100mV	$\pm 2\%$	$\pm 5\%$
PSA05A*-120	12V	0A	0.42A	120mV	$\pm 2\%$	$\pm 5\%$
PSA05A*-150	15V	0A	0.34A	150mV	$\pm 2\%$	$\pm 5\%$

* For European AC plug, change to "E"

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

(2) No load to full load 1.5m (5ft) DC cord measured at the plug.

INPUT:

AC Input Voltage
90 to 264 VAC
AC Input Frequency
47 to 63Hz
AC Input Current
0.15Arms (120VAC)
AC Inrush Current (Cold)
21A max. (120VAC)
42A max. (240VAC)
Efficiency
65% typical

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

OUTPUT:

Hold-up Time
10ms Full load, 120VAC
Overvoltage Protection
120% Zener Diode Clamping
Short Circuit Protection
Auto Restart

GENERAL:

Leakage Current
>0.25mA (254VAC)
Dielectric Withstand (Hipot)
Input to Output
3000VAC, 1 min., 10mA
Switching Frequency
100KHz (typical)
AC Input Connector
NEMA 15P
MTBF (Full Load, 25°C)
440,000 Hours
MIL-HDBK-217F
DC Output Connector
2.1mm (ID); 5.5mm (OD); 9mm(lgth)
Coaxial Positive Plug
Center Positive Standard

ENVIRONMENTAL:

Operation Temperature (Convection)
0 to 40°C
Storage Temperature
-40 to +70°C
Humidity
20 to 90% RH (Non-condensing)

Dimension Diagram Unit: mm (inch)

MODEL
PSA05W-105P
PSA05A-033
PSA05A-050
PSA05A-120
PSA05A-150

