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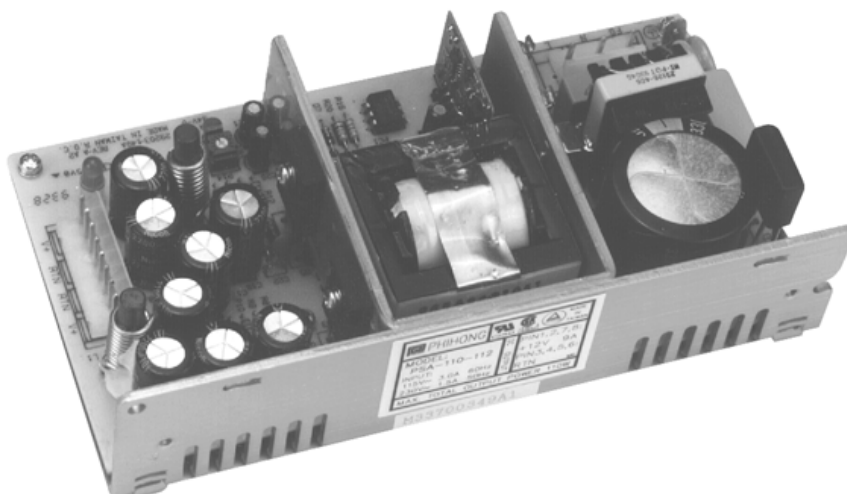
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[PSA110-105](#)

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sales@integrated-circuit.com



110W Universal Industrial Series PSA110 Single Output L-Bracket



Features

- Integral EMI filter
- 100% Burn-In
- Low Profile Design
- Over Voltage Protection

Applications

- Network
- Computer Peripherals
- Low Profile Racks
- Business Machines

Safety Approvals

- UL 1950
- CSA 22.2 234
- TUV EN 60950
- CE (Low Voltage Directive)

Mechanical Characteristics

- Dimensions:
- Length: 172.7mm (6.81in)
 - Width: 93.5mm (3.7in)
 - Height: 43.6mm (1.7in)
 - Weight: 0.72kgm (1.6lb)

Output Specifications

Model	DC Output Voltage	Load			Ripple P-P	Regulation	
		Min.	Convection	Max. ⁽²⁾		Line	Load
PSA110-105	+5V	1A	16A	22A	50mV	±2%	±2%
PSA110-112	+12V	0A	7A	9A	120mV	±2%	±2%
PSA110-115	+15V	0A	5A	7.3A	150mV	±2%	±2%
PSA110-124	+24V	0A	3.3A	4.5A	240mV	±2%	±2%

(1) Measured by using a 12 inch twisted pair terminated with a 10mfd capacitor and 0.1mfd ceramic capacitor in parallel with primary and secondary ground holes connected together.

(2) Forced air 30CFM required.

PSA110 Single Characteristics

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POWER SUPPLY

AC Input Voltage

90VAC-264VAC

AC Frequency

47 to 63Hz

AC Input Current

3A maximum (115V)
 1.5A Maximum (230V)

Leakage Current

0.75mA
 (254VAC, 50Hz)

AC Inrush Current (Cold Start)

25A at 115VAC
 50A at 240VAC

Efficiency

70% typical at full load, 120VAC

Hold-up Time

16msec. at full load, 120VAC

Switching Frequency

50KHz, typical

Overvoltage Protection

All models

Overcurrent Protection

Short circuit protected
 Auto-Restart

Operation Temperature

0 to +50°C

Humidity

10 to 90% (Non-Condensing)

Storage Temperature

-25 to +85°C

MTBF

Calculated
 Greater than 100,000 hours,
 full load, 25°C
 (MIL-HDBK-217F)

EMI

FCC Class B
 EN55022 B

Mating Connectors

AC: Molex 09-50-3051
 DC: Molex 09-50-3081

Dimension Diagram Unit: mm (inch)

