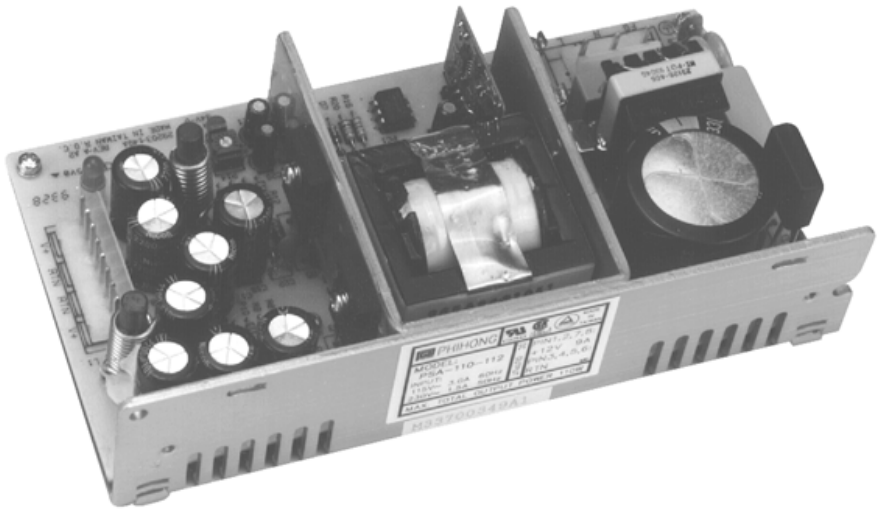
110W Universal Industrial Series
PSA110 Single Output L-Bracket



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.

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)

