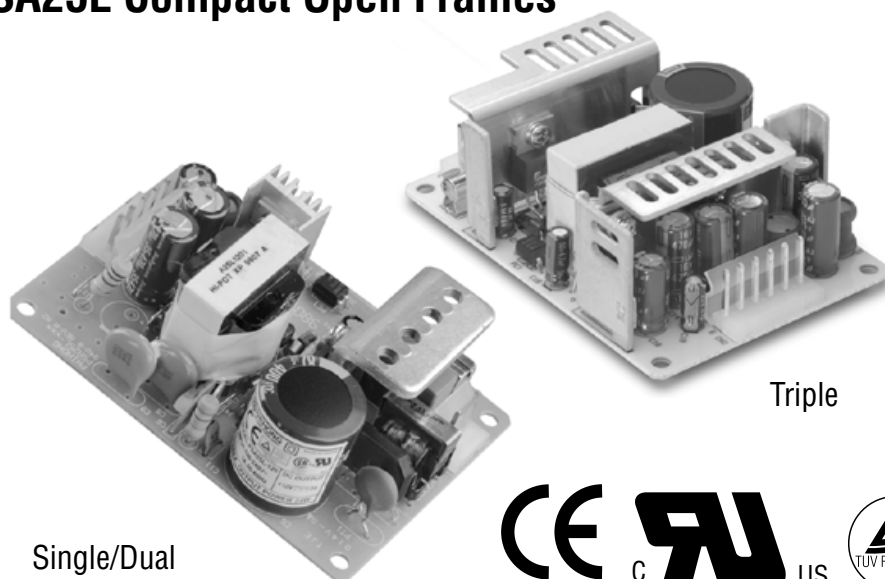




25W Single and Multiple Output PSA25L Compact Open Frames



Single/Dual

Triple



Features

- Compact 2" x 4.25" PCB
- CISPR 22B; FCC B EMI
- Low 1.14" Profile
- Integral AC Connector

Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

Safety Approvals

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

Mechanical Characteristics

- Dimensions:
- Length: 91.5mm (3.6in)
 - Width: 63mm (2.48in)
 - Height: 29mm (1.14in)
 - Weight: 150gm (5.33oz)

Output Specifications

Model	DC Output	Load		Ripple ⁽¹⁾	Regulation		
	Voltage	Min.	Max.		Line	Load	Cross ⁽²⁾
PSA25L-033	3.3V	0A	5A	50mV	±0.5%	±2%	
PSA25L-050	5.0V	0A	4A	50mV	±0.5%	±2%	
PSA25L-120	12V	0A	2A	120mV	±0.5%	±2%	
PSA25L-150	15V	0A	1.7A	150mV	±0.5%	±2%	
PSA25L-240	24V	0A	1.0A	240mV	±0.5%	±2%	
PSA25L-201	5V	0.2A	2.6A	50mV	±1%	±2%	±5%
	12V	0A	1.0A(1.5A pk.)	120mV	±1%	±2%	±5%
PSA25L-202	5V	0.2A	2.6A	50mV	±1%	±2%	±5%
	24V	0A	0.5A(1A pk.)	240mV	±1%	±2%	±5%
PSA25L-301	5V	0.2A	2.0A	50mV	±1%	±2%	±5%
	12V	0.1A	1.0A(1.5A pk.)	120mV	±1%	±2%	±10%
	-12V	0.0A	0.3A(0.5A pk.)	120mV	±1%	±2%	±5%

(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) Measured at 20 to 100% of full load while holding other outputs at 60% of full load

PSA25L Characteristics**WWW.PHIHONG.COM****POWER SUPPLY****INPUT:****AC Input Voltage**

100 to 240 VAC

AC Input Voltage Range

90 to 264 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

0.8Arms (120VAC)

0.4Arms (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

Short Circuit, Auto Restart

ENVIRONMENTAL:**Operation Temperature (Convection)**

0 to 40°C

Storage Temperature

-25 to +85°C

Humidity

10 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 0.25mA (254VAC)

Dielectric Withstand (Hipot)

Input to Output

3000VAC, 1 min., 10mA

Switching Frequency

100KHz (typical)

MTBF (Full Load, 25°C)

150K hrs., typical

MIL-HDBK-217F

AC Input Mating Connector

Molex 26-03-4030 or equal

DC Output Mating Connector*Molex 26-03-4051**(single and dual) or equal**Single: Pin 1=NC; 2,3=Common;**4,5=+5VDC**Dual: Pin 1=12/24VDC;**2,3=Common; 4,5=+5VDC**Molex 26-03-4061 (triple) or equal**Triple: Pin 1=+12VDC; 2,3=+5VDC;**4,5=Common; 6=-12VDC*

