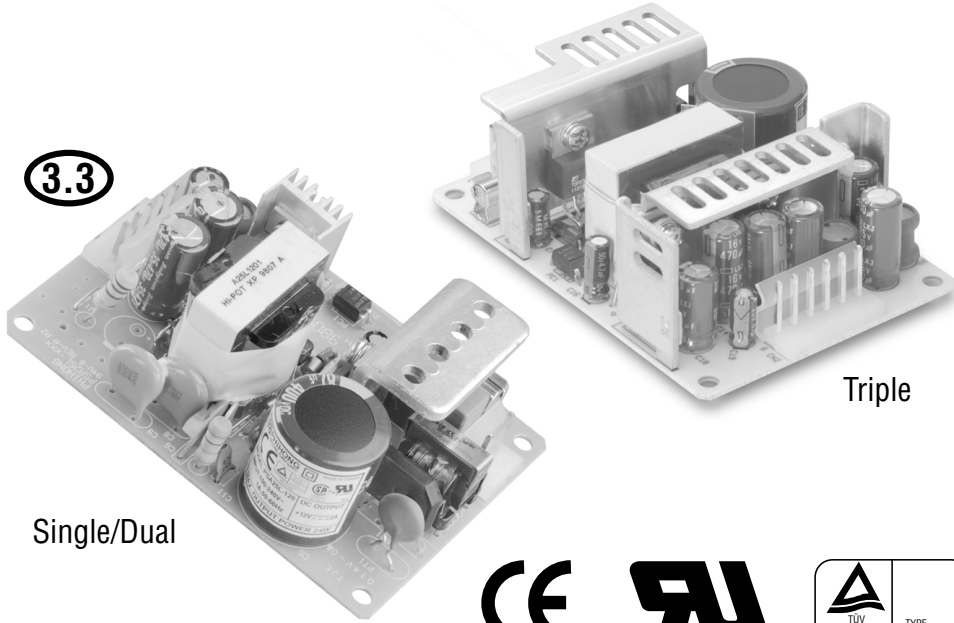


25W Single and Multiple Output

PSA-25L Compact OEM Open Frames



OPEN

Features

- Compact 2 x 4.25" PCB
- CISPR 22B; FCC B EMI
- Low 1" Profile
- Integral AC Connector

Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

Safety Approvals

- UL 1950
- CSA 22.2
- TUV EN60950

Mechanical Characteristics

- Dimensions:
- Length: 91.5mm (3.6in)
 - Width: 36mm (2.48in)
 - Height: 29mm (1.14in)
 - Weight: 150gm (5.33oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P	Regulation		
		Min.	Max.		Line	Load	Cross ⁽²⁾
PSA-25L-033	3.3V	0A	5A	50mV	±0.5%	±2%	
PSA-25L-050	5.0V	0A	4A	50mV	±0.5%	±2%	
PSA-25L-120	12V	0A	2A	120mV	±0.5%	±2%	
PSA-25L-150	15V	0A	1.7A	150mV	±0.5%	±2%	
PSA-25L-240	24V	0A	1.0A	240mV	±0.5%	±2%	
PSA-25L-201	5V	0.2A	2.6A	50mV	±1%	±2%	±5%
	12V	0A	1.0A(1.5A pk.)	120mV	±1%	±2%	±5%
PSA-25L-202	5V	0.2A	2.6A	50mV	±1%	±2%	±5%
	24V	0A	0.5A(1A pk.)	240mV	±1%	±2%	±5%
PSA-25L-301	5V	0.2A	2.0A	50mV	±1%	±5%	±5%
	12V	0.1A	1.0A(1.5A pk.)	120mV	±1%	±10%	±10%
	-12V	0.0A	0.3A(0.5A pk.)	120mV	±1%	±5%	±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

ISO 9001 • BABT • MITI
Facility Approvals



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25W Single and Multiple Output

PSA-25L Compact OEM Open Frames

Characteristics

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)

AC Surge Immunity:
IEC 61000-4-5, Level 3

Efficiency
70-75% Typical

OUTPUT:

Hold-up Time
16ms Full load, 120VAC
12ms Full load, 120VAC
(triple output)

Overvoltage Protection
3.3: 3.7 to 4.6 VDC
5: 5.7 to 7.0 VDC

Overcurrent Protection
Auto Restart

ENVIRONMENTAL:

Operation Temperature
0 to 40°C

Storage Temperature
-25 to +75°C

Humidity
0 to 85% RH (Non-condensing)

Emissions
FCC Class B
EN 55022 B

GENERAL:

Leakage Current
Less than 0.25mA (254VAC)

Dielectric Withstand (Hipot)
Input>Output
3000VAC, 1 min., 10ma

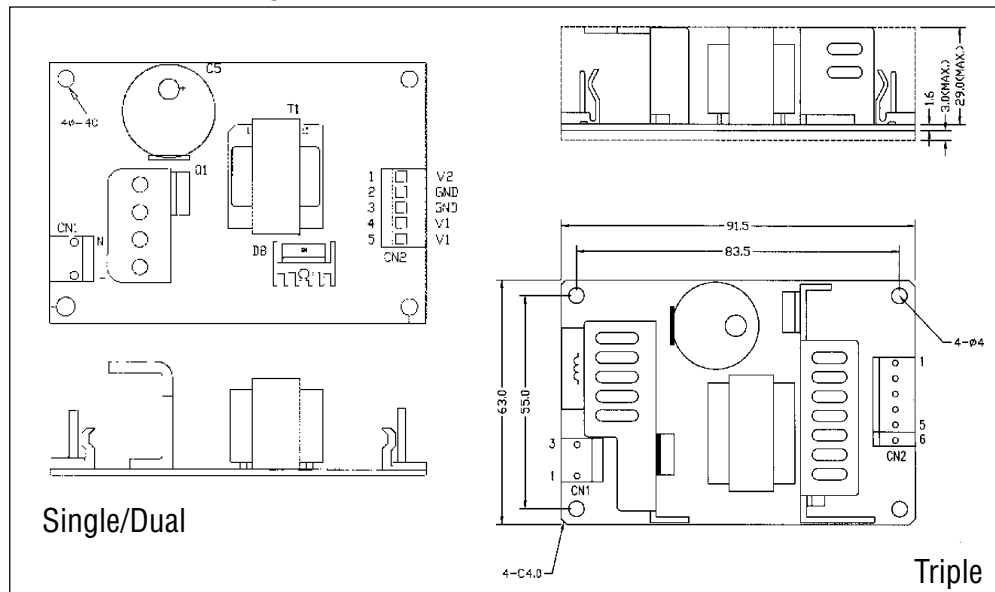
Switching Frequency
100KHz (typical)

65KHz (triple output)
MTBF (Full Load, 25°C)
150K hrs., typical

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

Dimension Diagram Unit: mm (inch)



25LS/0101

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phihong:

[PSA25L-301-R](#) [PSA-25L-301](#) [PSA-25L-240 AND DATA SHEETS](#) [PSA-25L-201 AND DATA SHEETS](#) [PSA-25L-120 AND DATA SHEETS](#) [PSA-25L-150 AND DATA SHEETS](#) [PSA-25L-050 AND DATA SHEETS](#) [PSA-25L-033](#) [PSA-25L-202 AND DATA SHEETS](#)