



100W Universal Industrial Series PSS100 Single Output L-Bracket



Features

- Compact Size
- High Power Density
- 1-inch Profile
- PFC
- EMI Class B

Applications

- Network Hubs
- Telephony
- Low Profile Racks
- Gaming Machines

Safety Approvals

- cUL 1950 Class I
- CE (Low Voltage Directive)
- Semko EN60950

Mechanical Characteristics

- Dimensions:
- Length: 127mm (5.0in)
 - Width: 76.2mm (3.0in)
 - Height: 26mm (1.02in)
 - Weight: 139g (11.25oz)

Output Specifications

Model	DC Output Voltage	Load				Ripple P-P	Regulation	
		Min.	Convection	Max.	Peak		Line	Load
PSS100-033	3.3V	0.8A	14.00A	20.0A	25.0A	1%	±0.1%	±1.0%
PSS100-050	5.0V	0.6A	12.60A	18.0A	25.0A	1%	±0.1%	±1.0%
PSS100-120	12.0V	0.0A	5.95A	8.50A	11.0A	1%	±0.1%	±1.0%
PSS100-150	15.0V	0.5A	4.76A	6.80A	8.50A	1%	±0.1%	±1.0%
PSS100-240	24.0V	0.3A	2.94A	4.20A	5.00A	1%	±0.1%	±1.0%

(1) All measurements are at normal input, full load, and +25°C.
(2) Max. is measured at 30cfm.

INPUT:**AC Input Voltage**

90 to 264 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

1.0A @ 115VAC

0.5A @ 230VAC

EMI (Conducted)

EN 55022 Class B

FCC Class B

Leakage Current

<0.5mA @ 254VAC

OUTPUT:**Hold-up Time**

16mS @ 115VAC

64mS @ 230VAC

Overload Protection

125% of Overrange Foldback

Type, Self-Recovering & Protect
Against Short Circuit**GENERAL:****Efficiency**

75 to 84%

Operation Temperature

0 to +50°C @ Full Load

Derating Linearly 2.5%/°C from
+50°C to +70°C**Storage Temperature**

-40°C to +85°C

Transient Response

0.5mS Following 50% Load Change

Humidity

95% Non-Condensing

Dielectric Withstand

3000VAC - Output/Input

1500VAC - Input/GND

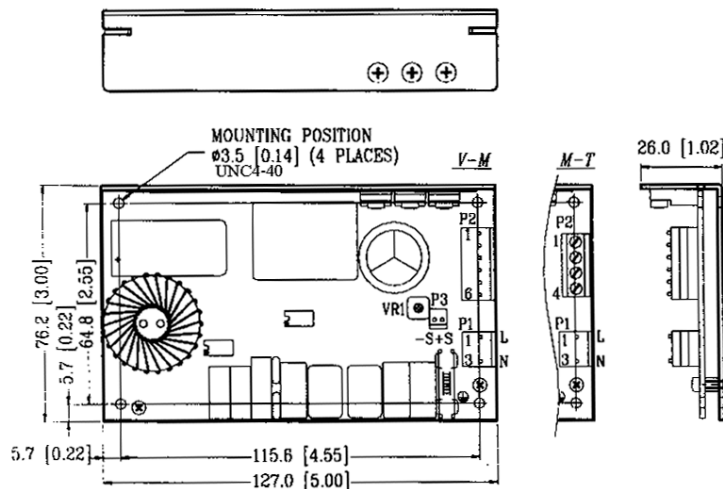
500VAC - Output/GND

Output Mating Connector

Molex 09-50-8061

Input Mating Connector

Molex 09-50-8031

Dimension Diagram Unit: mm (inch)**INPUT & OUTPUT CONNECTORS PIN ASSIGNMENT**

ASSIGNMENT CONNECTOR & PIN #	AC INPUT			SINGLE OUTPUT		
	LINE	NEUTRAL	GROUND	VO1	DC-COM	Remote Sensing
	P1-1	P1-3	P1-5	P2-1,2(≥12A) P2-1,2,3(<12A)	P2-3,4(≥12A) P2-4,5,6(<12A)	P3-1(+S) P3-2(-S)

Mating connector: P1 & P2 Molex # 5195 or 5239 equivalent.
P3 Molex # 5051 series or equivalent.

Mouser Electronics

Authorized Distributor

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[PSS-100-150](#) [PSS-100-050](#) [PSS-100-033](#) [PSS-100-120](#) [PSS-100-240](#)