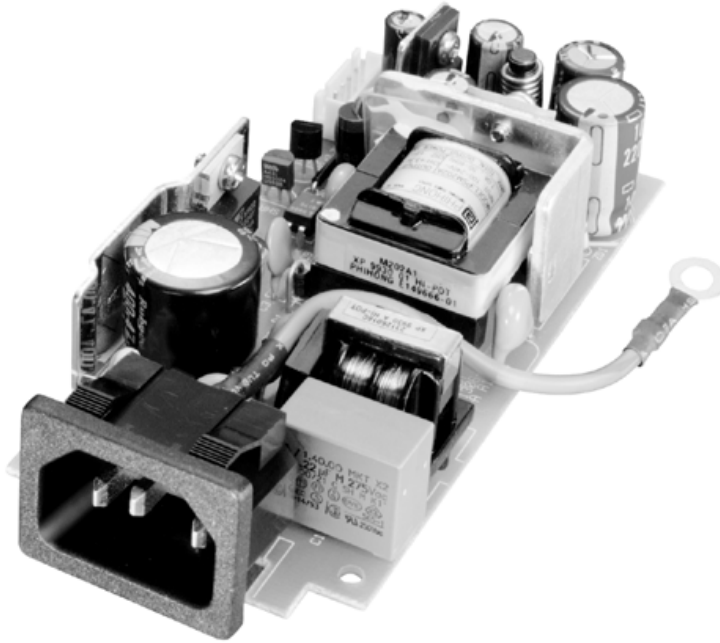




18W Universal Input, Compact PCB, 3.3V/5V Outputs PSM202A Dual Output Open Frame



Features

- Compact 2"x4.25" PCB
- CISPR 22B; FCC B EMI
- Low 1" 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: 108mm (4.25in)
 - Width: 52mm (2in)
 - Height: 24mm (0.94in)
 - Weight: 90gm (3.2oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P	Regulation		Max Power
		Min.	Max.		Line	Load	
PSM202A	3.3V	0.5A	4A	50mV	±3%	±3%	13.2W
	5.0V	0.0A	1A	50mV	±5%	±5%	5.0W

(1) Measured at 10W by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel

INPUT:

AC Input Voltage

85 to 265 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

0.3Arms (120VAC)

0.15Arms (230VAC)

AC Inrush Current (Cold)

20A max. (120VAC)

40A max. (240VAC)

Efficiency

65% Typical

OUTPUT:

Hold-up Time

15ms Full load, 120VAC

Overvoltage Protection

Zener Diode Clamping

Overcurrent Protection

Short Circuit, Auto Start

ENVIRONMENTAL:

Operation Temperature (Convection)

0 to 55°C

Storage Temperature

-40 to +85°C

Humidity

20 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 3mA (254VAC)

Dielectric Withstand (Hipot)

Input to Output
3000VAC, 1 min., 10mA

Switching Frequency

100KHz (typical)

MTBF (Full Load, 25°C)

150K hrs. minimum
(MIL-HDBK-217F)

AC Input Connector

EN 60320/C13Cord

DC Output Connector

JST B5B-XH-A

Pins 1 & 2: Return

Pins 3 & 4: +3.3VDC

Pin 5: +5VDC

Dimension Diagram Unit: mm (inch)

