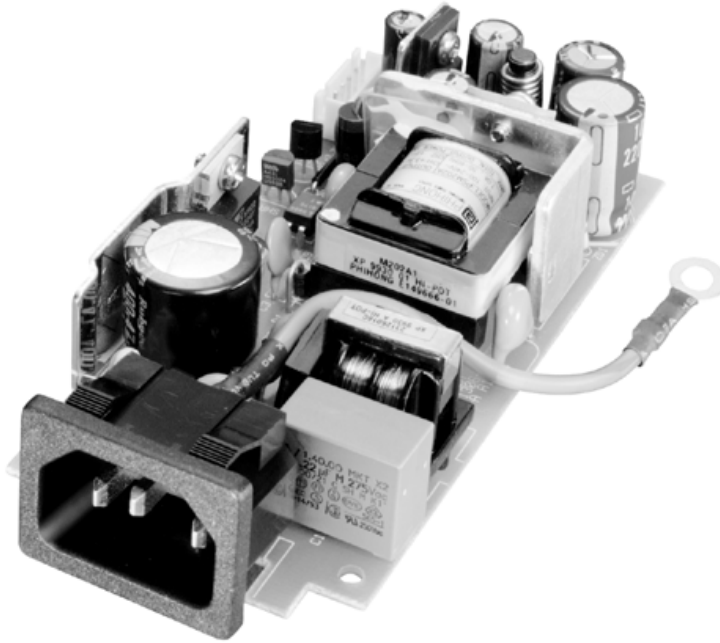




# 18W Universal Input, Compact PCB, 3.3V/5V Outputs PSM202A Dual Output Open Frame



## 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 &amp; 2: Return

Pins 3 &amp; 4: +3.3VDC

Pin 5: +5VDC

**Dimension Diagram Unit: mm (inch)**