

**UNIVERSAL INPUT AC TO DC OPEN FRAME PCB ADAPTOR
SINGLE OUTPUT IEC320-AC RECEPTACLE
SWITCHING POWER SUPPLIES 10-25 WATT APS20VI SERIES**



FEATURES:

- UNIVERSAL INPUT
- LOW PROFILE & HIGH POWER DENSITY
- INTERNAL ADAPTOR WITH IEC320 RECEPTACLE
- EMI/RFI MEETS CISPR PUB. 22/FCC CLASS B
- DESIGNED TO MEET UNIVERSAL SAFETY
- CE MARKING COMPLIANCE

SPECIFICATIONS

INPUT SPECIFICATIONS:

Input Voltage: Typ. 90-264 Vac
Input Connector: IEC320 3P AC receptacle
Input Frequency: 47-63Hz
Inrush Current: 25A peak @ 230VAC
Input Current: 0.47A @ 115VAC / 0.21A @ 230Vac
Dielectric Withstand: Meets IEC950
3,000 Vac Output/Input
1,500 Vac Input/GND
500 Vac Output/GND
EMI/RFI: Meets CISPR PUB. 22 & FCC Class B
Hold-up Time: 10ms @ 115Vac / 40mS @ 230 Vac

OUTPUTS SPECIFICATIONS:

Output Voltage: See RATINGS CHARTS
Output Currents: See RATINGS CHARTS
Output Wattage: Typ. 10 TO 20 Watt
Line Regulation: $\pm 0.1\%$ typical
Load Regulation: $\pm 1.0\%$ typical
Noise & Ripple: Typical 1 %peak to peak
OVP: Built-in 128% $\pm 8\%$ on main output
Adjustability: Factory set
Overload Protection: 115-150% of max. pwr.
Earth Leakage: Less than 0.7mA at 230 Vac

GENERAL SPECIFICATIONS:

Efficiency: Min. 70% - typical 75%
Switching Frequency: Approximate 55KHz
Circuit Topology: Fixed frequency flyback circuit
Transient Response: Output voltage returns in less than 3ms following a 50% load change
Safety Standard: UL1950 / IEC950

Operating Temperature: 0-+40°C
Storage Temperature: -20 to +85°C
Temperature Coefficient: 0.04% per °C
Cooling: Free air convection
Construction: Impact resistant thermo-plastic case
Power Density: 2.0 Watt per Cubic Inch

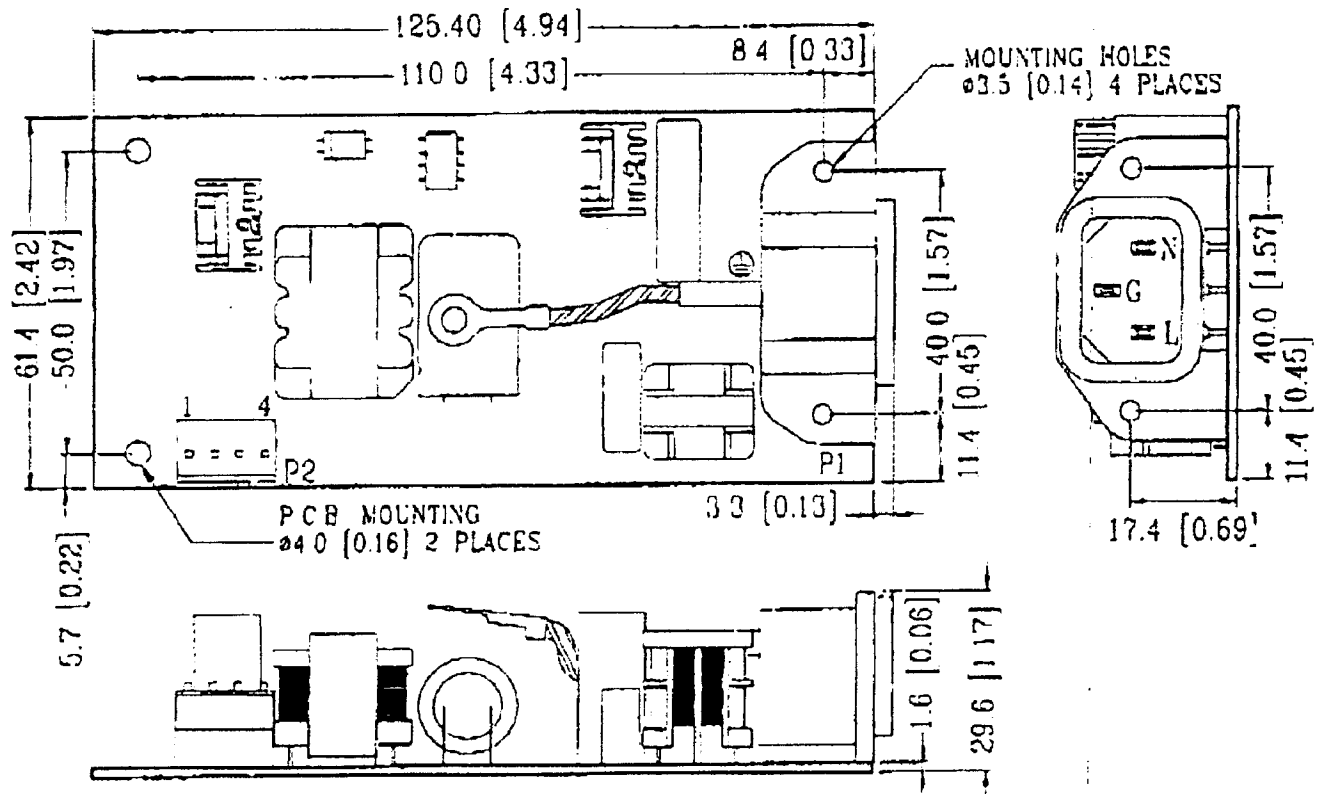


VOLTAGE/CURRENT RATINGS CHART

SINGLE OUTPUT:

MODEL NO.	OUTPUT VOLTAGE VO1		
	Typ. Amp	Voltage	Peak Amp
APS20VI-10A	2.0A	5V	2.5A
APS20VI-10B	3.0A	5V	3.5A
APS20VI-10C	4.0A	5V	4.5A
APS20VI-10D	5.0A	5V	5.5A

MECHANICAL DIMENSIONS: MM (INCHES) WEIGHT: 18.0g (6.35 Oz)



ASSIGNMENT	AC INPUT			SINGLE OUTPUT	
	AC-LINE	AC-NEUTRAL	AC-GROUND	VO1	DC COMMON
CONECTOR & PIN #	P1-L	P1-N	P1-G	P2-1,2	P2-3,4