

OPEN FRAME POWER SUPPLY

20WATT



STONTRONICS: PD-20-5, PD-20-12, PD-20-15, PD-20-24, PD-20-48



Features:

- Universal Input
- High Efficiency
- 3 Year Warranty
- Efficiency Level VI

Description:

The 20W open frame power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. Each model is approved to CE, CB, UL and comes with a 3 year warranty.

SPECIFICATION					
Part Number	PD-20-5	PD-20-12	PD-20-15	PD-20-24	PD-20-48
DC Voltage	5V	12V	15V	24V	48V
Rated Current	4A	1.67A	1.34A	0.84A	0.42A
Current Range	0~4A	0~1.67A	0~1.34A	0~0.84A	0~0.42A
Ripple & Noise	0°C~60°C	<50mV			<100mV
	-20°C~0°C	<75mV			<100mV
Voltage ADJ. Range	4.4~5.6V	11.1~13.1V	13.7~16.1V	22.0~25.4V	45.6~50.4V
Line Regulation	±0.5%				
Load Regulation	±2.0%				
Set-up Time	<2.0S (115Vac input, Full load); <1.0S (230Vac input, Full load)				
Hold up Time	>10mS (115Vac input, Full load); >20mS (230Vac input, Full load)				
Temperature Coefficient	±0.03%				
Overshoot and Undershoot	<5.0%				
Input voltage range	85Vac~264Vac, 120Vdc~370Vdc				
Input frequency range	47Hz~63Hz				
Efficiency 115Vac input	76%	79%	80%		
AC Current (max.)	0.5A				
Inrush Current	Cold start 20A@115Vac 40A@230Vac				
Leakage Current	Input—output:<0.35mA Input—PG:<0.75mA				
Over Load	105%~150% rated output power; Hiccup mode, auto recovery				
Over Voltage	110%~140% of rated output voltage, Constant Voltage.				
Short Circuit	Long-term mode, auto recovery				
Operating amb. Temp. & Hum.	-25°C~70°C; 20%~90%RH No condensing (refer to the derating curve)				
Storage Temp. & Hum.	-40°C~85°C; 10%~95%RH No condensing				
Safety Standards	UL60950-1; EN60950-1:2006				
Withstand Voltage	Primary-Secondary:3.0KV _a ; ≤10mA. Primary-PG:1.5KV _a ; ≤10mA. Secondary-PG:0.5KV _{DC} ; ≤10mA.				
Isolation Resistance	≥100M ohms				
MTBF	More than 200,000Hrs (25°C, Full load)				
Dimension (L*W*H)	89×51×20mm				

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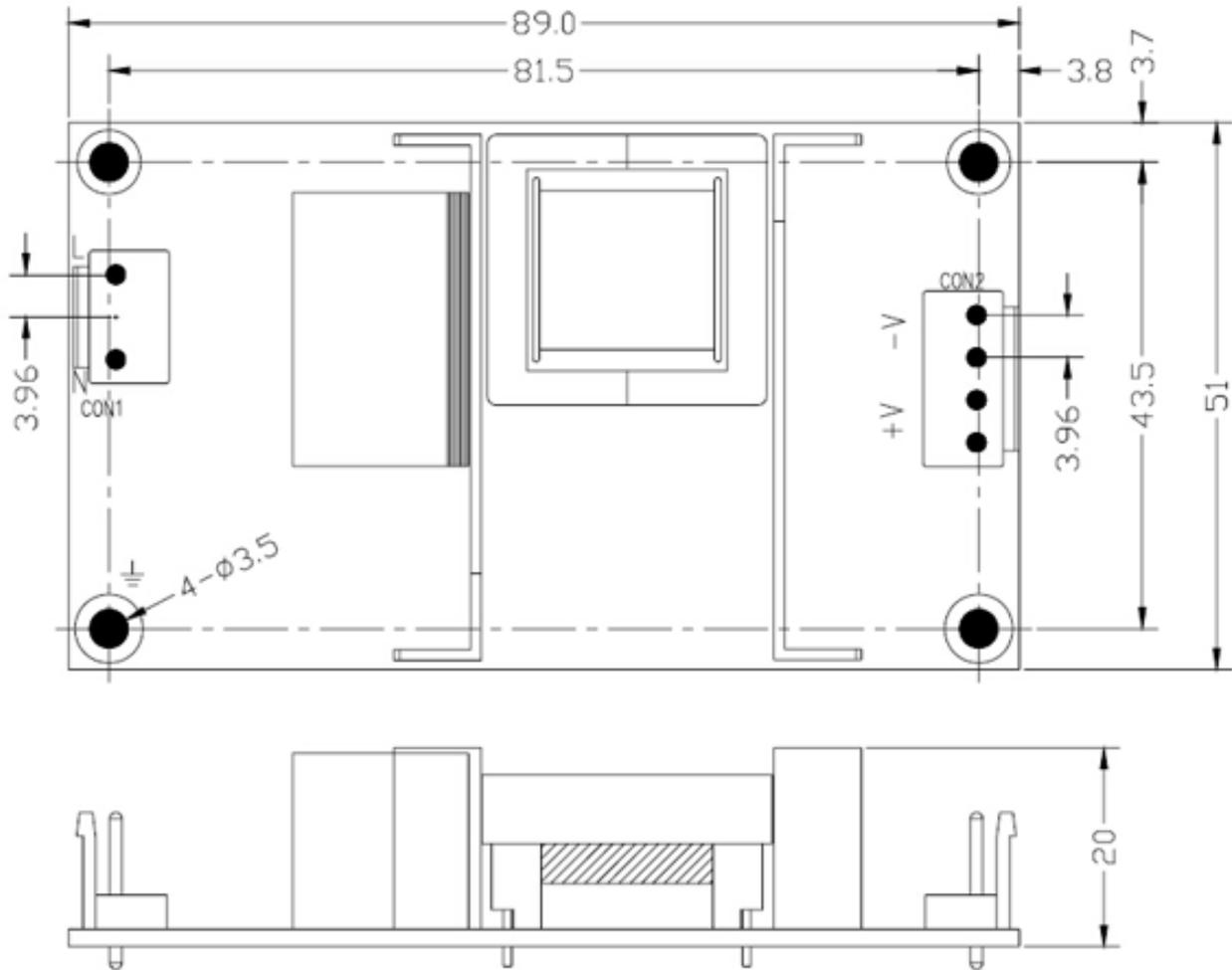
General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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Diagrams



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