

1000W ENCLOSED POWER SUPPLY RANGE

STONTRONICS: PDF-1000-48



Features:

- Universal / Full range AC input
- Built in active PFC
- Highly reliable design
- Built in remote sense function
- 3 years warranty
- Withstand 5G Vibration Test
- UL & CE Approved



Description:

The 1000W enclosed power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. This range comprises of 2 models with outputs of either 24v or 48v. Each model is RoHS, CE, UL approved and come with a three year warranty.

Specification	
Part Number	PDF-1000-48
DC Output	48V
Rated Output Current	21A
Ripple & Noise	<200mV/<400mV
Voltage ADJ. Range	45-53V
Voltage Accuracy	+/-2%
Line Regulation	+/-0.5%
Load Regulation	+/-2%
Set-up Time	<5S (220Vac input Full load)
Hold up Time	>10mS
Temperature Coefficient	+/-0.03%
Overshoot and Undershoot	<5%
Input Voltage Range	90Vac - 264Vac
Input Frequency Range	47Hz-63Hz
Efficiency	90%
AC Current (max.)	10A
Inrush Current (max.)	<30A@220Vac Cold Start
Leakage Current	Input-output <0.25mA Input-PG: <3.5mA
Over Load Protection	105 - 125% of rated output current, constant current, auto recovery
Operating Temp. & Humidity	-30°C to +70°C / 20% to 90% RH (No condensing)
Storage Temp. & Humidity	-40°C to +85°C / 10% to 95%RH (No condensing)
Safety Standards	UL60950/IEC 60950/EN60950-1: 2006
Withstand Voltage	Primary-Secondary: 3KVac <10mA Primary-PG:1.5KVac; <10mA Secondary-PG:0.5KVDC<10mA
Isolation Resistance	>10M ohms
EMI Conduction Radiation	Compliance to EN55022 Class A
Harmonic Current	Compliance to EN61000-3-2. class D
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; heavy industry level
MTBF	>200,000 Hours
Dimensions	226mm x 116.5mm x 41mm
Packing	8PCS/CTN 11.7Kgs
Cooling Method	Cooling by forced air (built in fan)

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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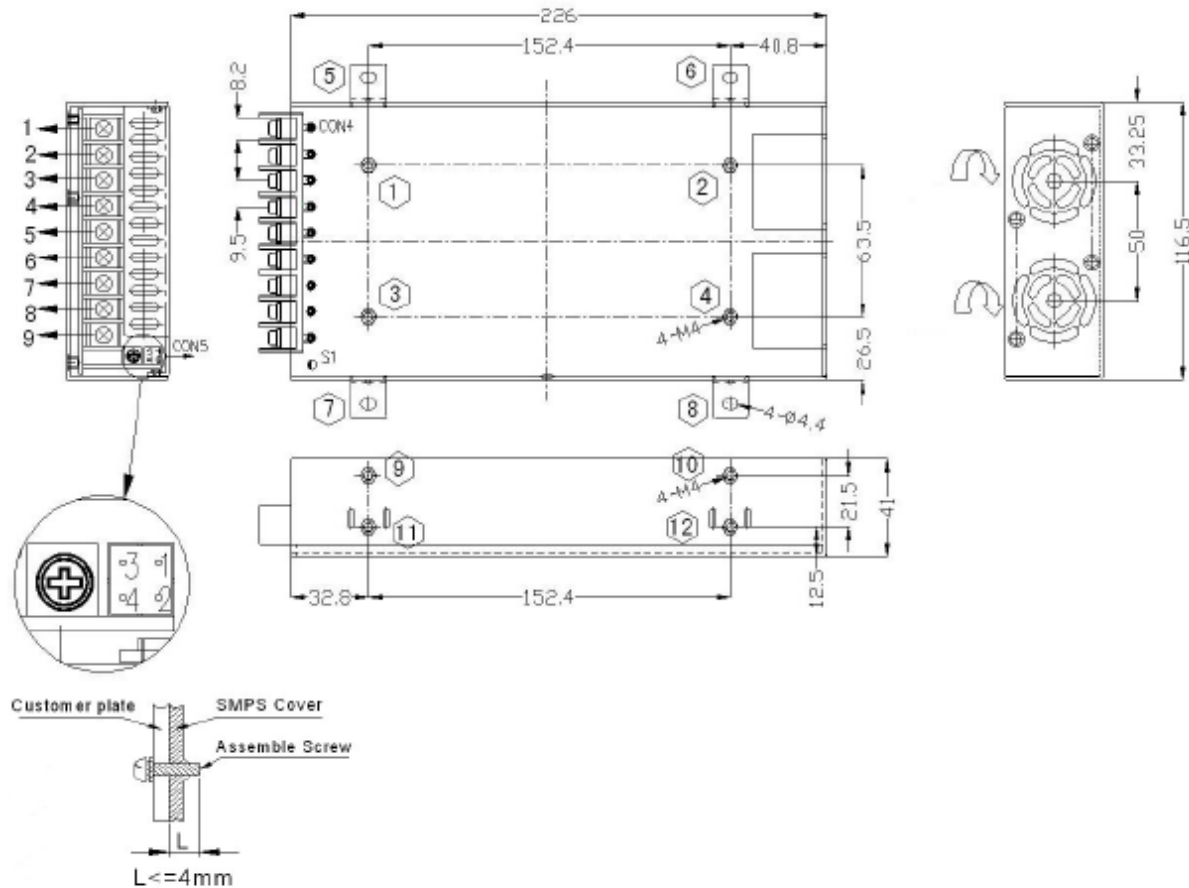
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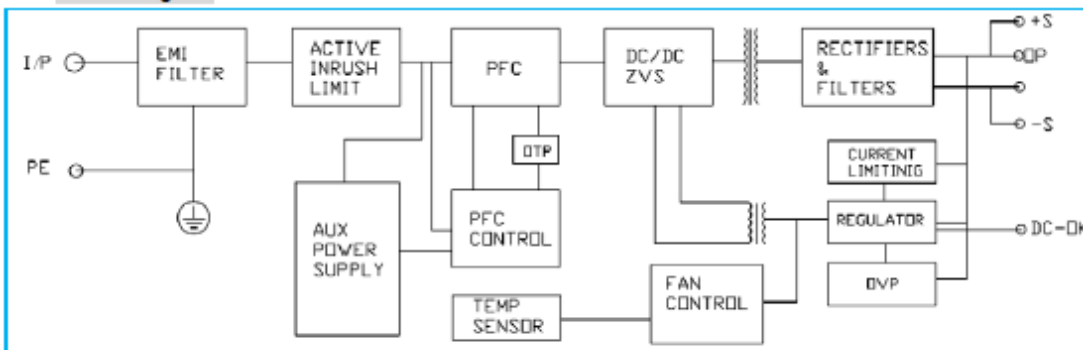


■ Mechanical Specification

Unit:mm



■ Block Diagram



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