


**Features:**

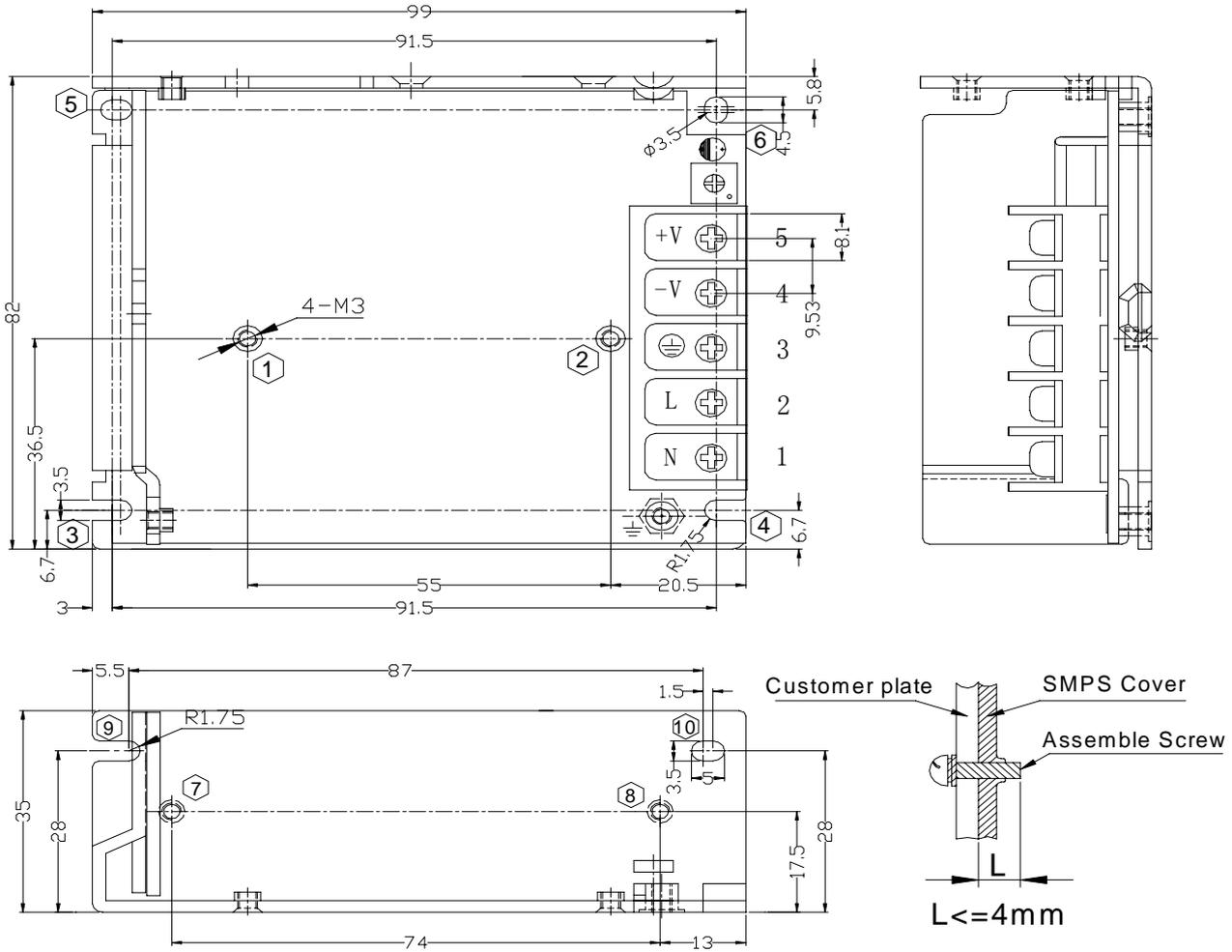
- No Load power consumption<0.5W
- High AC input
- Miniature size,high power density,high efficiency,long life and high reliability
- Withstand 300VA surge input for 5 sec.
- Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-25°C~70°C), 100% @50°C、70%@70°C
- Operating altitude up to 5000M
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- Easy assembling from top side
- PCB soldering side with conformal coating
- Suitable for critical applications
- 3 years warranty

**SPECIFICATION**

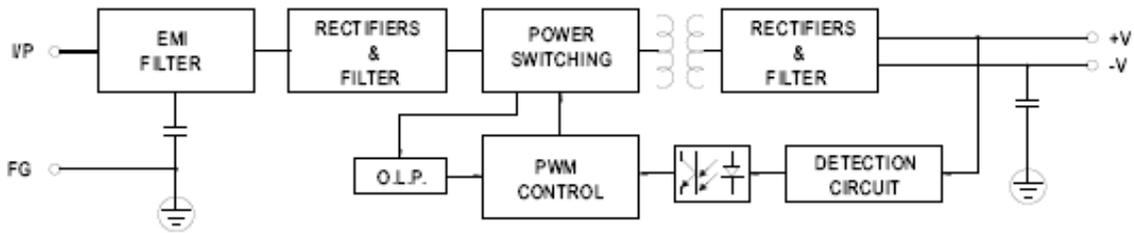
<b>MODEL</b>		PD-H75S24	
<b>OUTPUT</b>	DC Output	24V	
	Rated Current	3A	
	Current Range	0~3A	
	Ripple and Noise note2	0°C~70°C	≤200mV
		-25°C~0°C	≤400mV
	Voltage ADJ. Range	22.8~26V	
	Voltage Accuracy	±3.0%	
	Line Regulation	±0.5%	
	Load Regulation	±1.0%	
	Set-up Time	<1.5S (230Vac input, Full load)	
	Hold up Time	>50mS(230Vac input, Full load)	
	Temperature Coefficient	±0.03%/°C	
	Overshoot and Undershoot	<5.0%	
<b>INPUT</b>	Voltage Range	176Vac~264Vac	
	Frequency Range	47Hz~63Hz	
	Efficiency ( Typical)	87%	
	AC Current (max.)	<1.3A	
	Inrush Current (Typical)	<40A@230Vac Cold start	
	Leakage Current	Input—output:<3.5mA Input—PG:<0.25mA	
<b>PROTECTION</b>	Over Load	3.15~4.5A, constant power	
	Over power	75.6~108W, constant power	
	Over Voltage	27.6~36V, Constant Voltage	
	Short Circuit	Long-term mode, auto recovery	
<b>ENVIRONMENT</b>	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	
<b>SAFETY &amp; EMC</b> Note 3	Safety Standards	EN60950-1: 2006	
	Withstand Voltage	Primary-Secondary:3.0KVvac; ≤10mA .Primary-PG:1.5KVvac; ≤10mA. Secondary-PG:0.5KVDC;≤10mA.	
	Isolation Resistance	≥100M ohms	
	EMI Conduction&Radiation	Compliance to EN55022 / FCC PART15 ClassB	
	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11;	
<b>OTHERS</b>	MTBF (MIL-HDBK-217F)	More than 200,000Hrs (25°C, Full load)	
	Dimension (L*W*H)	99×82×35mm	
	Packing	40PCS/CTN, 12.8KGS, 0.043CBM	
	Cooling method	Cooling by free air convection	
<b>NOTE</b>	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature. 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 10uF parallel capacitor. 3. The SPS is considered a component which will be installed into final equipment. The equipment must be re-confirmed that it still meets EMC directives. 4. Powerld offer accessories for Din-35 rail bar. Please contact sales staff for details.		

**Mechanical Specification**

Unit: mm



**Block Diagram**



**Derating Curve**

