

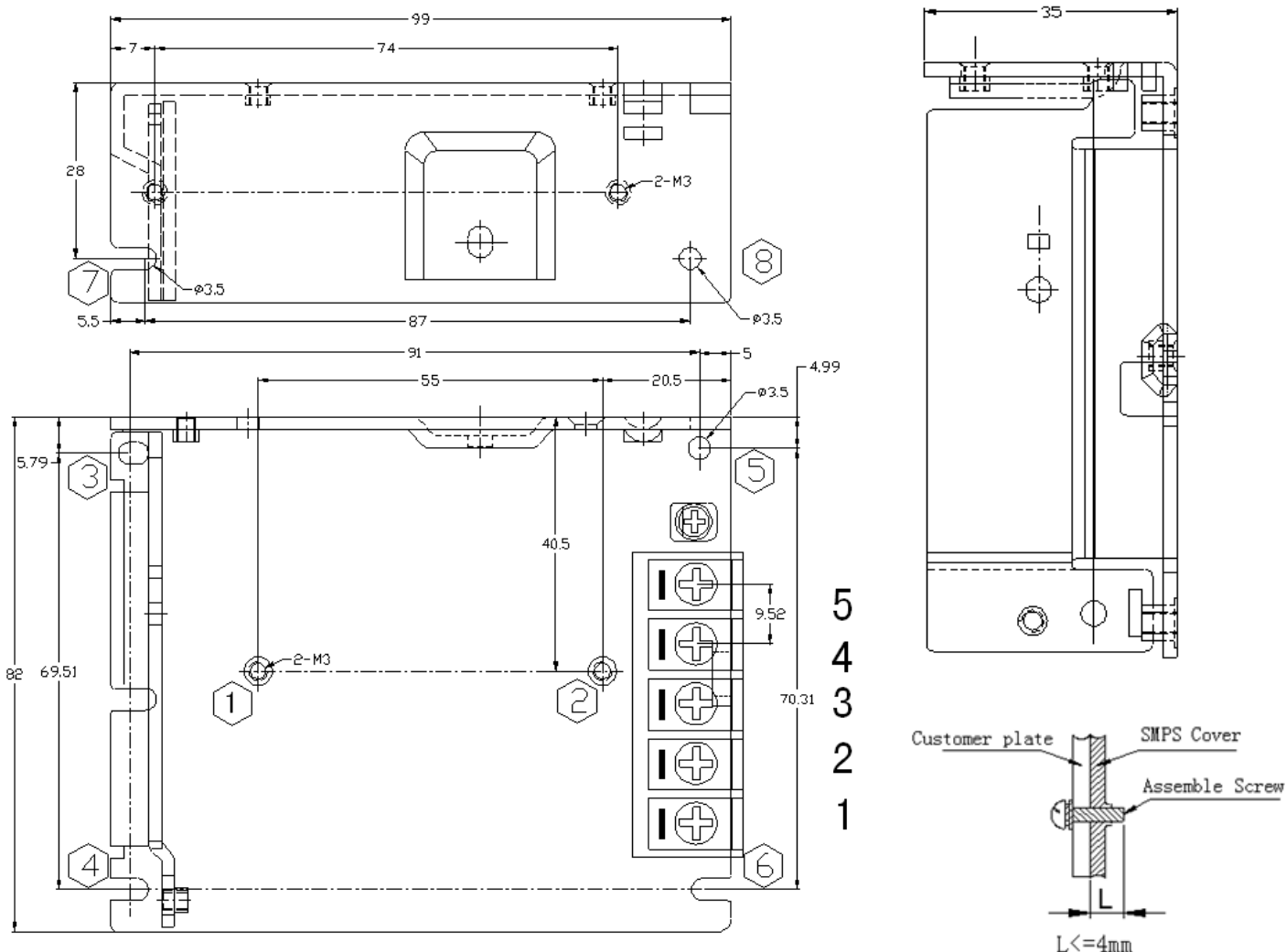

■ Features:

- No Load power consumption<0.5W
- Universal AC input range (88~264Vac)
- Miniature size, high power density, high efficiency, long life and high reliability
- Withstand 300VA surge input for 5 sec.
- Output protections: OLP/OVP/SCP/OPP
- Wide operating ambient temp (-25℃~70℃), 100% @50℃、70%@70℃
- Operating altitude up to 5000M
- All using 105℃ long life electrolytic capacitors.
- 100% full load burn-in test
- Easy assembling from top side
- Suitable for critical applications
- 3 years warranty

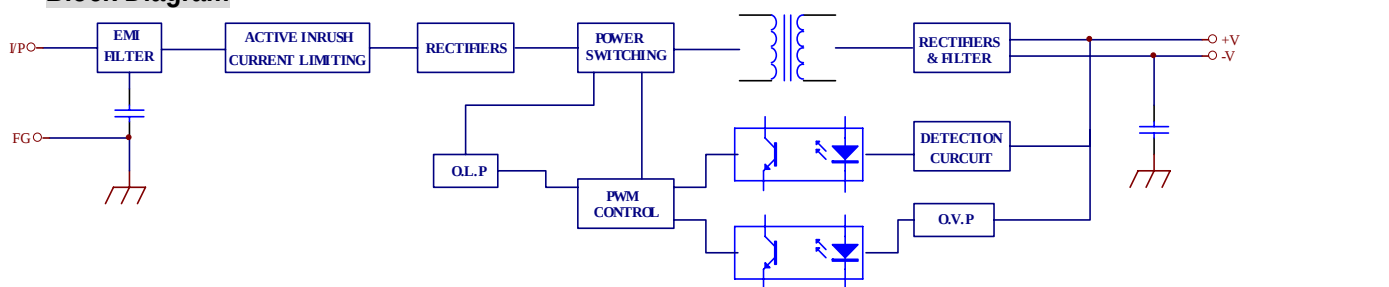
SPECIFICATION

MODEL		PD-35-5-RS	PD-35-12-RS	PD-35-24-RS	PD-35-48-RS	
OUTPUT	DC Output		5V	12V	24V	48V
	Rated Current		6A	3A	1.5A	0.76A
	Current Range		0~6A	0~3A	0~1.5A	0~0.76A
	Ripple and Noise	0~70℃	<50mV	<80mV	<120mV	<180 mV
	Note 2	-25~0℃	<80mV	<180mV	<200mV	<240mV
	Voltage ADJ. Range		4.75~5.5V	11.4~13.2V	22.8~26.4V	45.6~52.8V
	Voltage Accuracy		±3.0%			
	Line Regulation		±0.5%			
	Load Regulation		±1.0%			
	Set-up Time		< 1S (230Vac input, Full load);			
	Hold up Time		> 20mS(230Vac input, Full load); > 10mS(120Vac input, Full load)			
	Temperature Coefficient		±0.03%/℃			
	Overshoot and Undershoot		<5.0%			
INPUT	Voltage Range		88Vac~264Vac			
	Frequency Range		47Hz~63Hz			
	Efficiency (Typical)		78% 220Vac input	81% 220Vac input	85% 220Vac input	85% 220Vac input
	AC Current (max.)		<1A(max)			
	Inrush Current (Typical)		<50A@264Vac Cold start			
	Leakage Current		Input—output:<3.5mA Input—PG:<0.25mA			
PROTECTION	Over Load	6.3~9A	3.15~4.5A	1.575~2.25A	0.798~1.14A	
		Protection type: Constant power, auto recovery				
	Over Voltage	5.5~7.5V	13.2~18V	26.4~36V	52.8~71V	
		Protection type: Constant voltage, auto recovery				
	Over Power	31.5~45W	37.8~54W	37.8~54W	37.8~54W	
		Protection type: Constant power, auto recovery				
Short Circuit		Long-term mode, auto recovery				
ENVIRONMENT	Operating amb. Temp. & Hum.		-25℃~70℃; 20%~90%RH No condensing (refer to the derating curve)			
	Storage Temp. & Hum.		-40℃~85℃; 10%~95%RH No condensing			
SAFETY & EMC Note 3	Safety Standards		UL60950-1; IEC 60950-1:2005 ;EN60950-1:2006			
	Withstand Voltage		Primary-Secondary:3.0KVac; ≤10mA .Primary-PG:1.5KVac; ≤10mA. Secondary-PG:0.5KVDC;≤10mA.			
	Isolation Resistance		≥100M ohms			
	EMC Emission		Compliance to EN55022,EN55024 Class B			
	Harmonic Current		Compliance to EN61000-3-2,-3			
	EMC Immunity		Compliance to EN61000-4-2,3,4,5,6,8,11; heavy industry level			
OTHERS	MTBF (MIL-HDBK-217F)		More than 200,000Hrs (25℃, Full load)			
	Dimension (L*W*H)		99×82×35mm			
	Packing		40PCS/CTN, 12.4KGS, 0.04CBM			
	Cooling method		Cooling by free air convection			
NOTE	1. All parameters NOT specially mentioned are measured at 230Vac input, rated load and 25℃ 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.					

Mechanical Specification



Block Diagram



Derating Curve

输出负载降额与环境温度关系

