

SGS25 POWER SUPPLY

SGS25



Features:

- Low Cost, High Reliability
- Overload and Short Circuit Protection
- Free air cooling convection
- High operating temperature up to 60°C

Description:

The 25W Enclosed power supply has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. This range comprises of 5 models with outputs of either 5v, 12v, 15v, 24v, 48v. Each models is RoHS, CE, UL approved and come with a three year warranty.

MODEL	SGS25-5	SGS25-12	SGS25-15	SGS25-24	SGS25-48	
Output	DC Voltage	5V	12V	15V	24V	48V
	Rated Current	5A	2.1A	1.7A	1.1A	0.57A
	Current Range	0~5A	0~2.1A	0~1.7A	0~1.1A	0~0.57A
	Rated Power	25W	25.2W	25.5W	26.4W	27.36W
	Ripple & Noise	100mVp-p	120mVp-p	150mVp-p	200mVp-p	240mVp-p
	Voltage Regulation Range	4.5~5.5V	10.8~13.2V	13.5~16.5V	21.6~26.4V	44~52V
	Voltage Accuracy	+/- 1.0%				
	Line Regulation	+/- 0.5%				
	Load Regulation	+/- 2.0 %	+/- 1.0%	+/- 1.0%	+/- 1.0%	+/- 1.0%
	Rise Time	2000ms, 50ms / 230Vac at 100% Load				
Hold Up Time	20ms / 230Vac at 100% Load					
Input	Full Input Voltage Range	88-264Vac				
	Full Frequency Range	47-63Hz				
	AC Current	0.7A / 115Vac 0.4A / 230Vac				
	In Rush Current	40A / 230Vac				
	Leakage Current	<3.5mA / 230Vac				
Protection	Over Load	110~150% rated output power				
	Short Circuit	Hiccup Mode, auto-recovery after fault condition is removed				
Environment	Working Temp	-10oC ~ +60oC (230Vac) (Refer to output derating curve)				
	Working Humidity	20~90%RH non-condensing				
	Storage Temp	-20oC ~ +45oC				
	Storage Humidity	10 ~ 95%RH non-condensing				
	Temp. Co-efficiency	+/-0.03% / oC (0 ~ 50oC)				
	Vibration Resistance	10 ~ 500Hz, 2G, 10 minute cycle, X, Y, Z 60 minute in each direction				
Safety	Safety Standards	EN60950-1, UL60950-1, CSA-C22.2 No. 60950-1 Approved				
	Withstand Voltage	I/P-0/P: 3kVac I/P-FG: 1.5kVac O/P-FG: 0.5kVac				
	Isolation Resistance	I/P-0/P, I/P-FG, O/P-FG: >50M Ω / 500VDC/ 25 oC / 70%RH				
	EMC Emission	Compliance to EN55022 Class B, EN61000-3-2, -3				
	EMC Immunity	Compliance to EN55024, EN61000-4-2, -3, -4, -5, -6, -8, -11				
Others	Lifetime	50,000 Hours (25 oC)				
	Size	85mm x 58.5mm x 36.5mm (L x W x H)				
	Package	80pcs/ctn, 20KG, 0.25Kg/piece				
Notes	The power supply is considered a component which must be installed into final equipment. The final equipment must be re-confirmed that it meets all applicable directives.					

General Note

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