



- Features :
 - Universal AC input/Full range
 - Protection: Short circuit/ Overload/Over voltage/Over temperature
 - Cooling by free air convection
 - LED indicator for power on
 - 100% full load burn-in test
 - Can be installed on DIN rail TS-35
 - Fix switching frequency at 65KHz

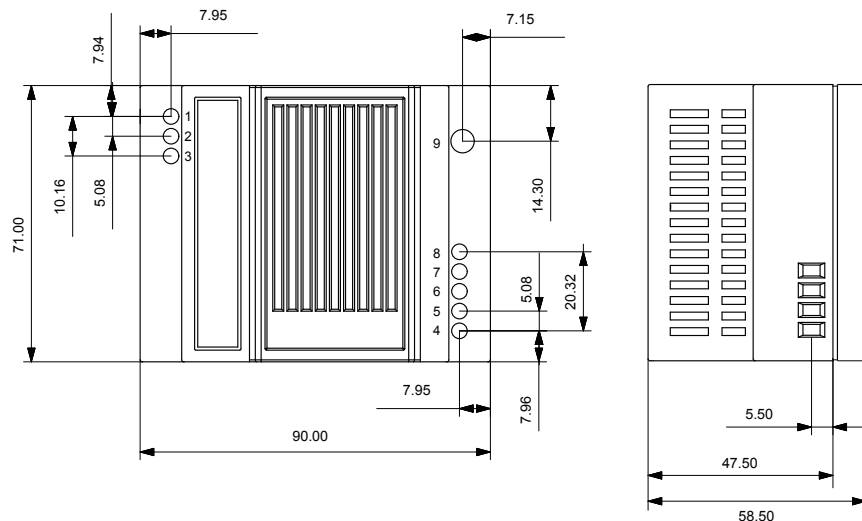
SPECIFICATION

MODEL		SP-24AM	SP-12AM
OUTPUT	DC Voltage	24V	12V
	Rated Current	1.6A	3A
	Current Range	0~1.6A	0~3A
	Rated Power	38.4W	36W
	Rip PLE&NOISE(max)	70mVp-p	80mVp-p
	Voltage ADJ. Range	23~27VDC	10~13.5VDC
	Voltage Tolerance	± 1%	±1%
	Line Regulation	± 1%	±1%
	Load Regulation	± 1%	±1%
	Setup, Rise Time	800ms,60ms/230VAC at full load	
	Hold Up Time	60ms/230VAC at full load	
INPUT	Voltage Range	85~264VAC 120~370VDC	
	Frequency Range	47~63HZ	
	Efficiency	88%	87%
	AC Current	0.4A/110VAC 0.2A/220VAC	
	Inrush Current	Cold Start: 28A/115VAC 56A/230VAC	
	Leakage Current	<1mA/240VAC	
PROTECTION	Over Load	105%~180% rated output power Protection type: Constant current limiting, recovers Automatically after fault condition is removed	
	Over Voltage	Protection type: Shut off o/p voltage	
	Over Temperature	Protection type: Shut down o/p voltage	

ENVIRONMENT	Working Temperature	-20~+50 °C
	Working Humidity	20~90%RH, non-condensing
	Storage TEMP, Humidity	-20~+85 °C, 10~95%RH
	TEMP. coefficient	± 0.03%/°C (0~50 °C)
	Vibration	10~500HZ, 2G 10min/cycle, X,Y, Z axes
SAFETY & EMC	Safety Standards	TUV EN60950-1 approved
	Withstand Voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	Isolation Resistance	I/P-O/P,I/P-FG,O/P-FG:100MOhms/500VDC/25 °C /70%RH
	EMC EMISSION	Compliance To EN55011, EN55022(CISPR22), EN61000-3-2,-3
	EMC IMMUNITY	Compliance To EN61000-4-2,3,4,5,6,8,11, EN55024, EN61000-6-2(EN50082-2), heavy industry level, criteria A
	Dimension	71*90*65mm (L*W*H)
Weight	0.3KG	

■ Mechanical Specification

Unit:mm



Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	6,7	DC OUTPUT+V
2	AC/N	8	LED
3	FG⊕	9	+VADJ.
4,5	DC OUTPUT-V		