

## 15W Miniature Switching Power Supply

Mod.: MS-15-5/12/15/24/48

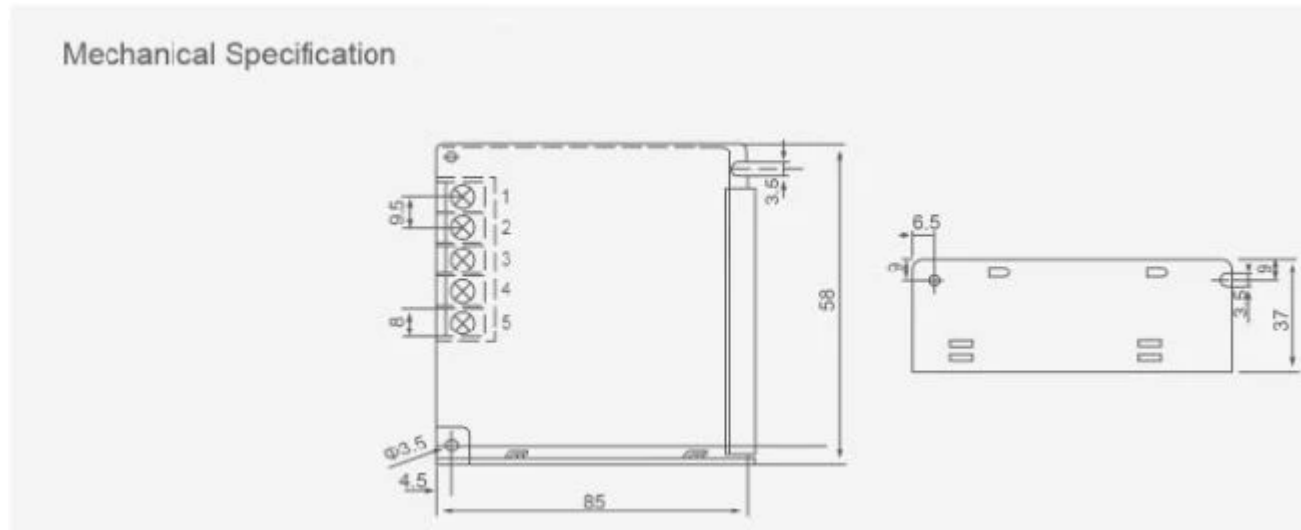
### Description:

The MS series provides efficient and stable power support for various devices. The voltage includes 5V, 12V, 24V, 48V, and the current range is 0-3A. The intelligent protection function ensures the safe operation of equipment, with a delicate and compact appearance design that adapts to various application scenarios. Whether it's industrial equipment or household appliances, choosing the MS series switching power supply will bring you the convenience and trust of high-quality energy.

### Technical Parameters:

MODEL	MS-15-5	MS-15-12	MS-15-15	MS-15-24	MS-15-48	
OUTPUT	DC VOLTAGE	5V	12V	15V	24V	48V
	RATED CURRENT	3A	1.3A	1A	0.7A	0.3A
	CURRENT RANGE	0 ~ 3A	0 ~ 1.3A	0 ~ 1A	0 ~ 0.7A	0 ~ 0.3A
	RATED POWER	15W	15.6W	15W	16.8W	15W
	RIPPLE & NOISE (max.)	50mVp-p	50mVp-p	50mVp-p	50mVp-p	50mVp-p
	VOLTAGE ADJ. RANGE	4.75 ~ 5.5V	10.8 ~ 13.2V	13.5~16.5V	21.6 ~ 26.4V	43.2~52.8V
	VOLTAGE TOLERANCE	±2.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%
	SETUP, RISE TIME	200ms,100ms,30ms				
HOLD TIME (Typ.)	200ms,100ms,30ms					
INPUT	VOLTAGE RANGE	100~240VAC		240~370VDC		
	FREQUENCY RANGE	47 ~ 63Hz				
	EFFICIENCY (Typ.)	77%	78%	79%	80%	79%
	AC CURRENT (Typ.)	0.5A/115VAC 0.25A/230VAC				
	INRUSH CURRENT (Typ.)	COLD START 15A/115V 30A/230V				
LEAKAGE CURRENT	<0.5mA/240VAC					
PROTECTION	OVERLOAD	105%~150% rated output power Protection type : pulsing hiccup shutdown Resete:auto recovery				
	OVER VOLTAGE	5.75~6.75V	13.8~16.2V	17.25~20.25V	27.6~32.4V	55.2~64.8V
ENVIRONMENT	WORKING TEMP.	-10 ~ +60°C				
	WORKING HUMIDITY	20 ~ 90% RH non-condensing				
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH				

	TEMP. COEFFICIENT	±0.03%/ (0 ~ 50°C)
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min, each along X,Y,Z axes
SAFETY & EMC	SAFETY STANDARDS	Desgin refer to UL1012,EN60950-1,EN61347-1,EN-61347-2 approved
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC
	EMC EMISSION & IMMUNITY	EN55015,EN55022,EN55024,EN61000-2,EN61000-3,EN61547 approved
OTHERS	DIMENSION	85x58x37mm (LxWxH)
	WEIGHT	0.17Kg; 100pcs/17.7Kg/1.29CUFT



Manufacturer: Wenzhou Reelen Electrical Co., Ltd.