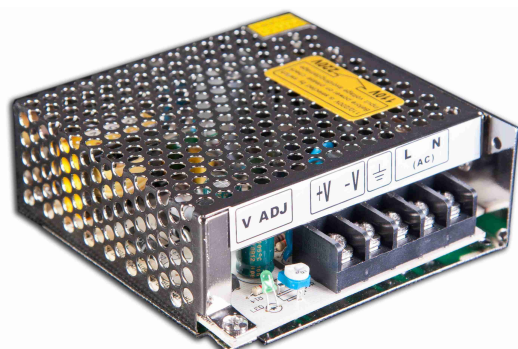




# POS-15-12

SINGLE OUTPUT SWITCHING POWER SUPPLY<sub>15W</sub>



## ■ Features :

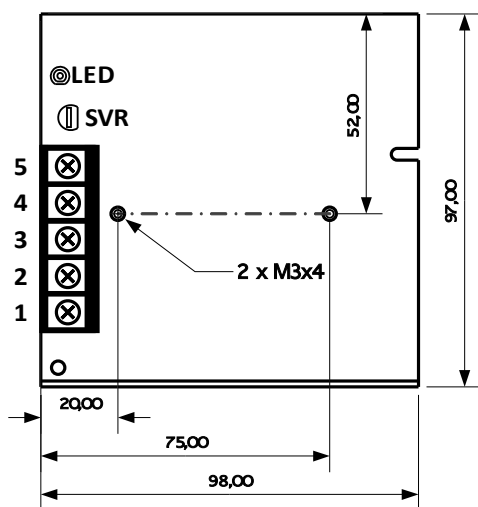
- Security: Short circuit / overload
- Cooling by free air convection
- 100% full load burn-in test
- Power On LED Indicator
- Input voltage range (European or American) selected by switch
- Adjustable output voltage by the user
- Low price

## ELECTRICAL SPECIFICATIONS

MODEL		POS-15-12
OUTPUT	Rated voltage	12V
	Rated current	1.25A
	Current range	0 ÷ 1.25A
	Rated power	15W
	Ripple and noise (typ.)	120mV <sub>p-p</sub>
	Voltage adjustment range [2]	10.8 ÷ 13.2V
	Tolerance [3]	±6.0%
INPUT	Voltage range	88 ÷ 132VAC lub 180 ÷ 264VAC switch selectable
	The frequency range of voltage	47 ÷ 63Hz
	Efficiency (typ.)	65%
	The mains current	0.5A / 115VAC; 0.3A / 230VAC
	Starting current (max.)	15A / 115VAC; 30A / 230VAC (cold start)
PROTECTION	Short circuit	Type: Cutting off the output voltage. Automatic return to normal operation after the cause.
	Overload	Range: more than 180% of rated power Typ: Constant current limiting, recovers automatically after fault condition is removed
ENVIRONMENT	Working temperature	-5°C ÷ +45°C
	Working Humidity	20 ÷ 90% relative (non-condensing)
	Storage Temperature and Humidity	-20°C ÷ +80°C; 10 ÷ 95% relative (non-condensing)
SAFETY & EMC	Safety standards	EN60950-1
	Withstand Voltage	IN – OUT: 3kVAC, IN – GROUND: 1.5kVAC, IN – GROUND: 0.5kVAC
	EMC EMISSION	EN55022
	EMC SUSCEPTIBILITY	EN61000-4-2, -4, -5, -11
OTHERS	Dimensions	98*97*35 mm
	Weight	0.3kg
[*]	<p>1. These parameters (unless otherwise stated) measured for input voltage 230V, rated current load and ambient temperature of 25 °C.</p> <p>2. Using the built-in potentiometer on the screw terminals.</p> <p>3. Tolerance expresses the maximum divergence of the output voltage to reflect changes when closing, depending on the input voltage changes and depending on the changes in load current.</p> <p>4. The power supply module is designed according to standard EN61204 for incorporation into the final product by qualified personnel and can not be treated as a stand-alone device. The final effect of electromagnetic compatibility is determined for the final product, it required a declaration of conformity for the entire installation.</p>	



### TECHNICAL SPECIFICATIONS



TERMINALS			
Nr	Function	Nr	Function
1	Input : AC/N	5	Output : +V
2	Input : AC/L	SVR	Output Voltage Adjustment
3	Grounding : GND	LED	Power ON LED indicator
4	Output : -V		

