



POS-75-12

SINGLE OUTPUT SWITCHING POWER SUPPLY 75W



Features :

- Output protection : Short circuit / Overload
- Cooling by forced air convection
- 100 % full load burn-in test
- Power On LED indicator
- Universal AC input range (USA or EU) selectable by switch
- Low price

ELECTRICAL SPECIFICATIONS

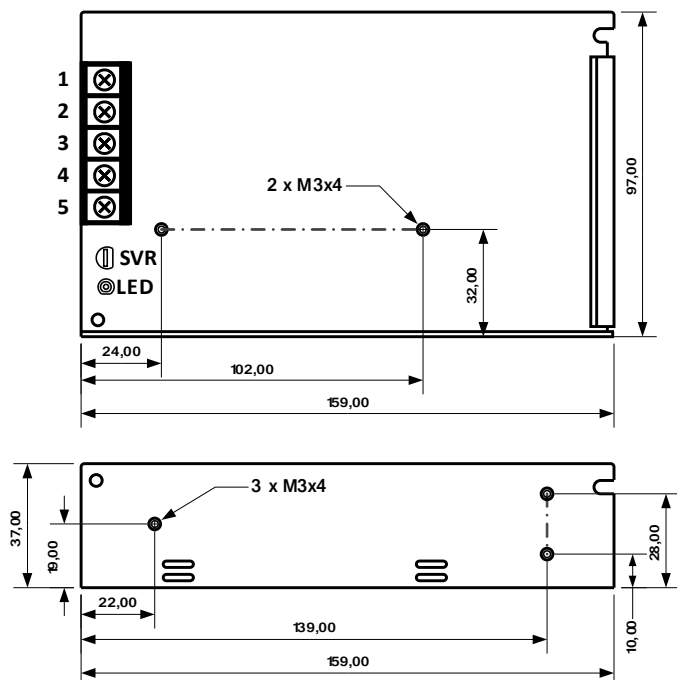
MODEL		POS-75-12
OUTPUT	Rated voltage	12V
	Rated current	6.25A
	current range	0 ÷ 6.25A
	Rated power	75W
	Ripple and noise (typ.)	120mV _{p-p}
	Voltage adjustment range [2]	10.8 ÷ 13.2V
	Tolerance [3]	±6.0%
INPUT	voltage range	88 ÷ 132VAC lub 180 ÷ 264VAC switch selectable
	The frequency range of voltage	47 ÷ 63Hz
	Efficiency (typ.)	78%
	The mains current	2A / 115VAC; 1.2A / 230VAC
	Starting current (max.)	30A / 115VAC; 60A / 230VAC (cold start)
PROTECTIONS	Short circuit	Type: Cutting off the output voltage. Automatic return to normal operation after the cause.
	overload	Range: 110 ÷ 160% of rated power Type: Constant current limiting, recovers automatically after fault condition is removed
ENVIRONMENT	Working temperature	-5°C ÷ +45°C
	ambient humidity	20 ÷ 90% relative (non-condensing)
	Temperature and humidity storage	-20°C ÷ +80°C; 10 ÷ 95% relative (non-condensing)
SAFETY & EMC	safety standards	EN60950-1
	insulation strength	IN – OUT: 3kVAC, IN – GROUND: 1.5kVAC, IN – GROUND: 0.5kVAC
	Interference conducted and radiated - EMC	EN55022
	Resistance - EMS	EN61000-4-2, -4, -5, -11
OTHERS	dimensions	159*97*37 mm
	Mass	0.48kg,
[*]	<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>	



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TECHNICAL SPECIFICATIONS



TERMINALS			
Nr	Funkcja	Nr	Funkcja
1	Input: AC/L	5	Output +V
2	Input: AC/N	SVR	Output Voltage Adjustment
3	Grounding : GND	LED	arming
4	Output: -V		