



POS-35-12

SINGLE OUTPUT SWITCHING POWER SUPPLY 35W



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
- Adjustable output voltage by the user

ELECTRICAL SPECIFICATION

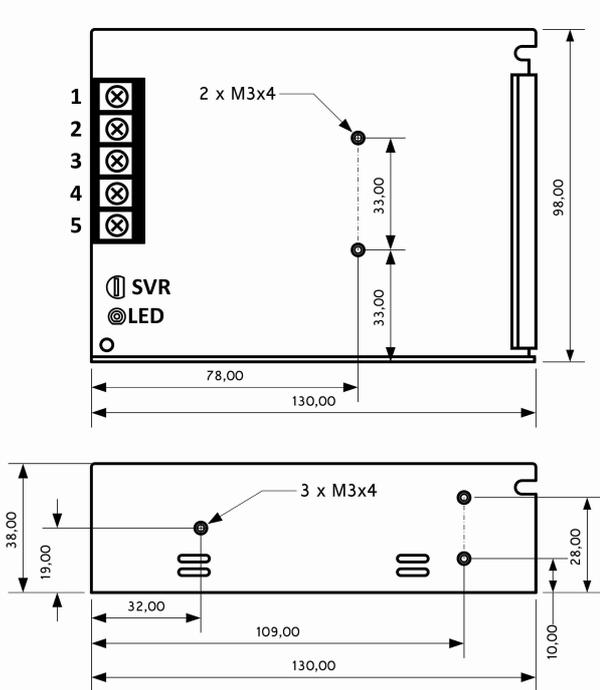
MODEL		POS-35-12
OUTPUT	DC Voltage	12V
	Rated Current	2.9A
	Current Range	0 ÷ 2.9A
	Rated Power	34.8W
	Ripple & Noise	120mV _{p-p}
	Voltage Adjustment Range [2]	10.8 ÷ 13.2V
	Tolerance [3]	±6.0%
INPUT	Voltage Range	88 ÷ 132VAC lub 180 ÷ 264VAC selectable by switch
	Frequency Range	47 ÷ 63Hz
	Efficiency (typ.)	76%
	AC Current	0.8A / 115VAC; 0.45A / 230VAC
	Inrush Current (max.)	18A / 115VAC; 36A / 230VAC cold start)
PROTECTIONS	Short Circuit	Type: Cutoff Output Voltage, recovers automatically after fault condition is removed
	Overload	Range 110 ÷ 150% rated output power Type: Constant current limiting, recovers automatically after fault condition is removed.
ENVIRONMENT	Working Temperature	-5°C ÷ +45°C
	Working Humidity	20 ÷ 90% RH non-condensing
	Storage Temperature and Humidity	-20°C ÷ +80°C; 10 ÷ 95% RH non-condensing
SAFETY & EMC	Safety Standards	EN60950-1
	Withstand Voltage	IN – OUT: 3kVAC, IN – GROUND: 1.5kVAC, IN – GROUND: 0.5kVAC
	EMI EMISSION	EN55022
	EMC SUSCEPTIBILITY	EN61000-4-2, -4, -5, -11
OTHERS	Dimensions	130*98*38 mm
	Weight	0.38kg
[*]	1. All parameters not specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. By internal potentiometer located next to terminal blocks. 3. Tolerance includes setup tolerance, line regulation and load regulation. 4. This driver is a component by EN61204 Power supply is considered as component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives	



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MECHANICAL SPECIFICATION



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