



# POS-240-12

SINGLE OUTPUT SWITCHING POWER SUPPLY 240W



## ■ Cechy:

- Output protections: Short circuit / Overload
- Cooling by free air convection
- 100% full load burn-in test
- Power On LED Indicator
- Low price

## ELECTRICAL SPECIFICATION

MODEL		POS-240-12
OUTPUT	DC Voltage	12V
	Rated Current	20A
	Current Range	0 ÷ 20A
	Rated Power	240W
	Ripple & Noise	180mV <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
	Frequency Range	47 ÷ 63Hz
	Efficiency (typ.)	81%
	AC current	5A / 115VAC; 2.5A / 230VAC
	Inrush Current(max.)	30A / 115VAC; 60A / 230VAC (cold start)
PROTECTIONS	Short Circuit	Type: Cutoff Output Voltage, recovers automatically after fault condition is removed
	Overload	Range 110 ÷ 150% rated output power Typ: 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
	EMC EMISSION	EN55022
	EMC SUSCEPTIBILITY	EN61000-4-2, -4, -5, -11
OTHERS	Dimensions	215*115*51 mm
	Weight	0.88kg
[*]	<p>1. All parameters not specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. By internal potentiometer located next to terminal blocks.</p> <p>3. Tolerance includes setup tolerance, line regulation and load regulation.</p> <p>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</p>	

