



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

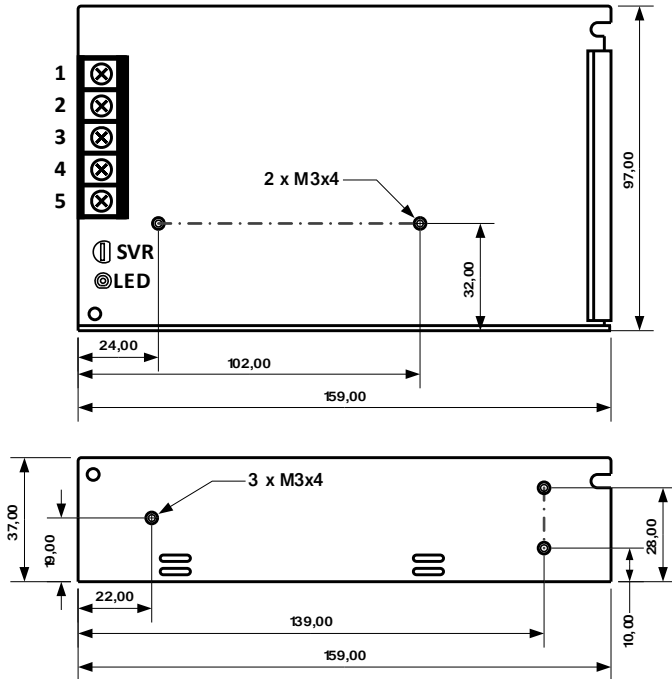
| MODEL | POS-75-12 | |
|--------------|---|--|
| OUTPUT | Rated voltage | 12V |
| | Rated current | 6.25A |
| | current range | 0 ÷ 6.25A |
| | Rated power | 75W |
| | Ripple and noise (typ.) | 120mV _{p-p} |
| | Voltage adjustment range [2] | 10.8 ÷ 13.2V |
| | Tolerance [3] | ±6.0% |
| INPUT | voltage 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 | | |