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# Switched mode power supply TP127A

75W power supply with a time protected peak power output of 3 times the nominal rated value



## Overview TP127A

- 75W power supply
- Microprocessor controlled protection levels
- Single-ended feed-forward topology based
- Custom made

## Application

- Professional coffee dispenser
- High peak power demands due to inrush currents of DC motors
- Low stand-by power
- Operating 24/7

## Detailed specifications

### Input

- Input voltage range 190Vac - 264Vac
- Leakage current: 1 mA RMS maximum
- Efficiency: > 80%

### Output

- Dual output voltages +12V  
+24V
- Nominal output power: 95W
- Max output power range 90W - 225W (15 sec.)
- Max peak output power range 225W - 300W (4 sec.)

### Microprocessor controlled protections

- Under/Overvoltage protection
- Overload / Short circuit protection
- Time related output power / current protection
- Automatic restart after 3 seconds

## Certificates

- CE marked



## Safety & EMC

- IEC 60950 Class I
- UL 60950 Class I
- EN 60335 Class I
- EN 55014
- EN 50081-1 EN 61000-6-3 2001
- EN 50082-2 EN 61000-6-2 2001
- EN 61000-4-2,3,4,5,6,11
- EN 61000-4-3 3V/m
- EN 61000-3-3
- EN 61000-3-2 A14 2000

## Cooling

- Free air convection

## Mechanical construction

- Open frame with an aluminium heatsink

## Connection

- Input Leoco connector 3 pins
- Output: Leoco connector 5 pins

## Dimensions & weight

- Size (L x W X H): 147,3 x 63,5 x 43 mm  
5,8 x 2,5 x 1,7 inch
- Weight: 0,65 KG