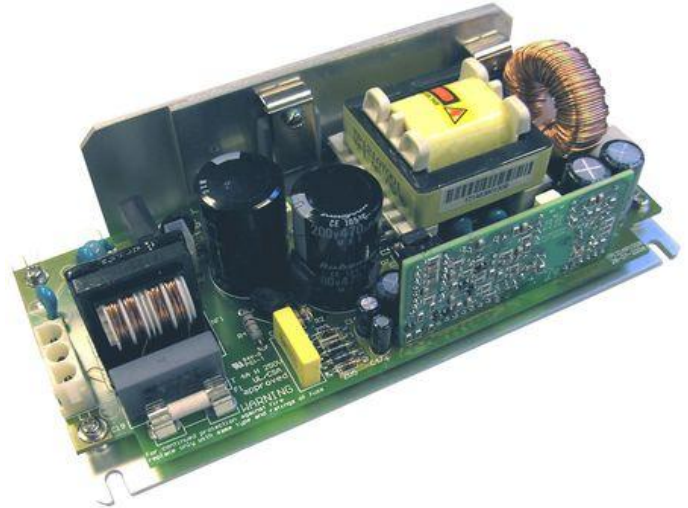




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# Switched mode power supply TP121A

140W Power supply with a time protected high output power of 370W



## Overview TP121A

- 140W power supply
- Single-ended feed-forward topology
- High peak output power
- Custom Made

## Application

- Professional coffee vending machine
- High power demands for a short period of time
- Operating 24/7

## Detailed specifications

### Input

- Jumper selectable input voltage range: 90 - 127 Vac  
198 - 254 Vac

- Leakage current: 0.75 mA RMS max.
- Efficiency: > 82,5%

### Output

- Single output voltage: +24Vdc
- Nominal output power: 140W
- Max. output power: 300W (45 sec.)
- Max. peak output power: 370W (10 sec.)

### Microprocessor controlled protections

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

## Certificates

- CE marked



## Safety & EMC

- 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 61000-3-3
- EN 61000-3-2 A14 2000
- Limited power source

## Cooling

- Very limited air convection

## Mechanical construction

- Special designed blank anodized L-bracket housing

## Connection

- Input AMP Mate-N-Lock 3 pins
- Output Mini-Fit Jr. 6 pins  
Mini-Fit Jr. 2 pins  
Mini-Fit Jr. 2 pins
- 115/230V jumper

## Dimensions & weight

- Size (L x W X H): 109 x 218 x 50 mm  
4,3 x 8,6 x 2 inch
- Weight: 0,65 KG