



Home > Our switched mode power supplies > TP126A > PDF

Switched mode power supply TP126A

80W Class II power supply with a time protected peak power output of 3 times the nominal rated value



Overview TP126A

- 80W 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

- Jumper selectable input voltage range: 90 - 135 VAC
190 - 264 VAC
- Leakage current: 1 mA RMS max.
- Efficiency: > 85%

Output

- Single output voltages +24V LPS
- Nominal output power: 80W
- Max output power range 230W (14 sec.)
- Max peak output power range 300W (7 sec.)

Microprocessor controlled protections

- Under/overvoltage protection
- Overload / Short circuit protection
- Time related output power / current protection
- Automatic restart by removing the AC-input for at least 1 sec.

Certificates

- UL / 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 61000-3-3
- EN 61000-3-2 A14 2000
- Class 2 limited power sources

Cooling

- Free air convection

Mechanical construction

- Open frame
- Very small heatsinks

Connection

- Input Leoco connector 3 pins
- 115/230V JST connector 2 pins
- Output Leoco connector 6 pins

Dimensions & weight

- Size (L x W X H): 127 x 76,2 x 45,7 mm
5 x 3 x 1,8 inch
- Weight: 0,6 KG