



Home > Our switched mode power supplies > TP116A > PDF

Switched mode power supply TP116A

70W power supply with a 2 stage
time protected high peak power
output



Overview TP116A

- 70W power supply
- Single-ended feed-forward topology
- High peak output power
- Custom Made

Application

- Professional coffee vending machine
- Operating 24/7
- High power demands caused by DC motors

Detailed specifications

Input

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

Output

- Single output voltage: +24Vdc
- Nominal output power: 70W
- Max output power: 230W (15 sec.)
- Max peak output power: 450W (1,5 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.

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

Cooling

- Free air convection

Mechanical construction

- Open frame with a small aluminium heatsink

Connection

- Input: Leoco connector 3 pins
- Output: Leoco connector 4 pins

Dimensions & weight

- Size (L x W X H): 125 x 100 x 40 mm
4,9 x 3,9 x 1,6 inch
- Weight: 0,6 KG