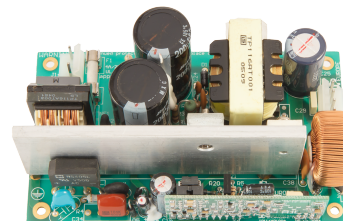


TP116A

70W Power supply used in a vending machine. This PSU has a 2 stage high peak output power of 230W for 15 seconds and 450W for 5 seconds.



Model ref: TPSF-70-1-A

OVERVIEW

- 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

INPUT

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

OUTPUT

- Nominal output power : 70W
- Peak output power : 230W (15 sec.)
: 450W (1.5 sec.)
- Single output voltage : +24Vdc

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Time related output power / overcurrent protection
- Automatic restart by removing the AC-input for at least 1 sec.
- Microprocessor controlled protections

CERTIFICATES

SAFETY & EMC

- | | |
|--------------------|---------------------|
| • EN 55014 | • IEC/EN/UL 60950-1 |
| • IEC/EN 61000-3-2 | • IEC/EN 61000-3-3 |
| • IEC/EN 61000-4-2 | • IEC/EN 61000-4-3 |
| • IEC/EN 61000-4-4 | • IEC/EN 61000-4-5 |
| • IEC/EN 61000-4-6 | • IEC/EN 61000-4-11 |
| • IEC/EN 61000-6-2 | • IEC/EN 61000-6-3 |

COOLING

- Free air convection

CONSTRUCTION

- Open frame with a small aluminium heatsink

CONNECTIONS

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

DIMENSIONS & WEIGHT

- | | |
|--------------------------|--------------------|
| • Dimensions (L X W X H) | : 127 × 76 × 46 mm |
| | : 5 × 3 × 1.8 inch |
| • Weight | : 0.6 KG |