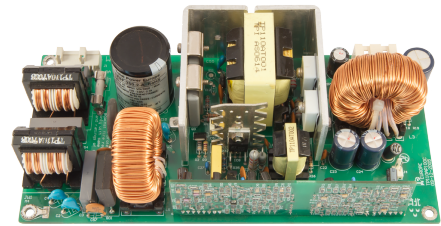


TP110A

Dual output regulated power supply used in a coffee vending machine. High peak output power converter (500W) and 5 volt auxiliary converter



Model ref: TPSF-250-2-A

OVERVIEW

- 250W power supply
- Passive PFC
- Remote on/off functionality
- Onboard 5V / 20W auxiliary converter
- High peak output power
- Custom made

APPLICATION

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

INPUT

- Input voltage range : 190 – 264 Vac
- Leakage current : 1 mA RMS max.
- Efficiency : > 75%
- Class I

OUTPUT

- Nominal output power : 250W
- Peak output power : 500W (10 sec.)
- Multiple output voltages : +5Vdc
: +30Vdc

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Time related output power / overcurrent protection
- Reset by removing the AC-input for at least 5 sec.
- Microprocessor controlled protections

CERTIFICATES

- CE marked



SAFETY & EMC

- | | |
|---------------------|---------------------|
| • EN 50081-1 | • EN 50082-1 |
| • EN 55014 | • EN 55104 |
| • IEC/EN/UL 60335-1 | • 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 |

COOLING

- Free air convection

CONSTRUCTION

- Open frame with two L-shaped heatsinks

CONNECTIONS

- | | |
|-----------------|----------------------------|
| • Input | : Wago 3 pins connector |
| • Output | : Lumberg 4 pins connector |
| • Remote ON/OFF | : 2 pins connector |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|----------------------|
| • Dimensions (L X W X H) | : 205 × 95 × 50 mm |
| | : 8.1 × 3.7 × 2 inch |
| • Weight | : 0.7 KG |