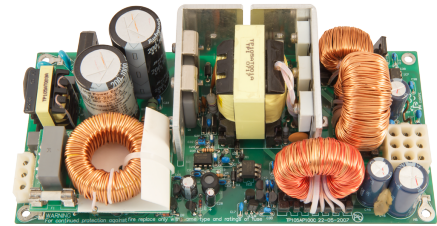


TP105A

Power supply used in a professional coffee dispenser.
The PSU has a time protected high peak power of 560W.



Model ref: TPSF-250-3-A

OVERVIEW

- 250W power supply
- Single-ended feed-forward topology
- Passive power factor corrected (PFC) circuitry
- 30V output is provided with an accurate low loss magnetic post regulation
- Custom made

APPLICATION

- Professional coffee vending machine
- High power demands caused by the start-up currents of the connected DC-motors (up to 10 seconds)
- Operating 24/7

INPUT

- Input voltage range : 180 – 264 Vac
- Leakage current : 1 mA RMS max.
- Efficiency : > 75%
- Class I

OUTPUT

- Nominal output power : 250W
- Peak output power : 560W (10 sec.)
- Multiple output voltages : 13.5V
: 24V
: 30V

PROTECTIONS

- Overvoltage protected
- Overload / short circuit protection
- Time related output power / overcurrent protection
- Microprocessor controlled protections

CERTIFICATES

- CE marked



SAFETY & EMC

- | | |
|---------------------|---------------------------|
| • 50081-1 | • EN 50082-1 |
| • EN 55014 | • EN 55104 |
| • IEC/EN/UL 60335-1 | • IEC/EN/UL 60950-1 |
| • IEC 1000-3-3 | • IEC 1000-4-2,3,4,5,6,11 |

COOLING

- Free air convection

CONSTRUCTION

- Open frame
- Provided with two L-shaped heatsinks

CONNECTIONS

- | | |
|----------|-------------------------------|
| • Input | : 3 pins Mate-N-Lok connector |
| • Output | : 9 pins Mate-N-Lok connector |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|-----------------------|
| • Dimensions (L X W X H) | : 205 × 95 × 50 mm |
| | : 8.07 × 95 × 50 inch |
| • Weight | : 0.7 KG |