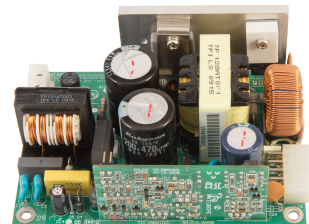


TP128A

95W power supply used in a professional coffee dispenser. Conforms to 60335-2-75 safety requirements.



Model ref: TPSF-95-1-A

OVERVIEW

- 95W power supply
- Able to deliver 3 times the nominal output power
- Due to a Class 2 certification the user can adjust all parts of the low voltage circuitry without any legislative matters.
- AC in voltage monitor output signal
- Custom made

APPLICATION

- Professional coffee dispensers
- High peak power demands due to inrush currents of DC motors, valves and relays
- Low standby power

INPUT

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

OUTPUT

- | | |
|---|-------------------------------------|
| • Nominal output power | : 95W |
| • Peak output power | : 168W (35 sec.)
: 300W (5 sec.) |
| • Single output voltage | : +24Vdc |
| • 60950-1 LPS / UL 1310 Class 2 (output limited to 100VA for max 5 seconds) | |

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Time related output power / overcurrent protection

- Automatic restart by removing the AC-input for at least 2 sec.
- Microprocessor controlled protections

CERTIFICATES

- UL
- CE marked



SAFETY & EMC

- | | |
|---------------------|-------------------------|
| • EN 55014 | • IEC/EN/UL 60335-1 |
| • IEC/EN 60335-2-75 | • IEC/EN/UL 60950-1 LPS |
| • 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

- Limited air convection

CONSTRUCTION

- The power supply has an open frame construction with one heatsink. The unit will be mounted in the customer's U-bracket.

CONNECTIONS

- | | |
|------------|-----------------------------|
| • Input | : 3 pins TYCO/AMP connector |
| • 115/230V | : 2 pins JST connector |
| • Output | : 10 pins Molex connector |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|------------------------|
| • Dimensions (L X W X H) | : 116 × 82 × 42 mm |
| | : 4.5 × 3.2 × 1.7 inch |
| • Weight | : 0.3 KG |