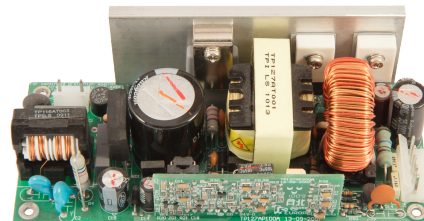


TP127A/B

Power supplies TP127A and TP127B with a time protected peak power output.



Model ref: TPSF-75-2-B or TPSF-150-2-G

OVERVIEW

- Two versions of power supply : TP127A with reference TPSF-75-2-B (75W)
: TP127B with reference TPSF-150-2-G (150W)

- Microprocessor controlled protection levels
- Single-ended feed-forward topology based
- Custom made

APPLICATION

- Professional coffee dispensers
- High peak power demands due to inrush currents of DC motor
- Low stand-by power
- Operating 24/7

INPUT

- Input voltage range : 190Vac - 264Vac
- Leakage current : 1 mA RMS max. (TP127A)
: 0.75 mA RMS max. (TP127B)
- Efficiency : > 80% (TP127A)
: > 85% (TP127B)
- Class I

OUTPUT

- Nominal output power : 95W (TP127A)
: 150W (TP127B)
- Peak output power : 255W (15 sec.) - TP127A
: 300W (4 sec.) - TP127A
: 288W (30 sec.) - TP127B
: 360W (3 sec.) - TP127B
- Multiple output voltages : +12V
: +24V

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection

- Time related output power / overcurrent protection
- Automatic fault recovery (hiccup restart) functionality
- Microprocessor controlled protections

CERTIFICATES

- CE marked



SAFETY & EMC

- | | |
|---------------------------------|------------------------------|
| • EN 55014 | • IEC/EN/UL 60335-1 |
| • IEC/EN/UL 60950-1 | • IEC/EN 61000-3-3 |
| • IEC/EN 61000-3-4 | • 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 | • IEC/EN 61000-6-1 (TP127B) |
| • IEC/EN 61000-6-1 (TP127B) | • IEC/EN 61000-6-4 (TP127B) |
| • IEC/EN 61000-4-3 (TP127B) | • IEC/EN/UL 62368-1 (TP127B) |
| • IEC 61558-1 (TP127B) | • UL 197 (TP127B) |
| • IEC/EN/UL 60335-2-75 (TP127B) | • EN 62233 (TP127B) |

COOLING

- Limited air convection

CONSTRUCTION

- Open frame with an aluminium heatsink

CONNECTIONS

- | | |
|----------|-----------------------------------|
| • Input | : Leoco connector 3 pins |
| • Output | : Leoco connector 5 pins (TP127A) |
| | : Molex connector 6 pins (TP127B) |
| | : Molex 2 pins (TP127B) |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|---------------------------------|
| • Dimensions (L X W X H) | : 147.3 × 63.5 × 43 mm (TP127A) |
| | : 5.8 × 2.5 × 1.7 inch (TP127A) |
| | : 158 × 75 × 46 mm (TP127B) |
| | : 6.2 × 3 × 1.8 inch (TP127B) |
| • Weight | : 0.65 KG (TP127A) |
| | : 0.46 KG (TP127B) |