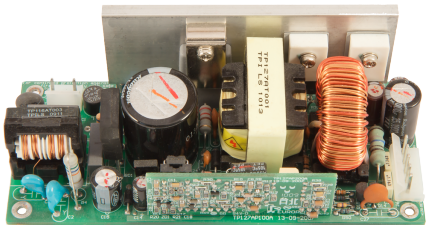
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TP127A/B

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



CE

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 x 3 x 1.8 inch (TP127B)
- Weight : 0.65 KG (TP127A)
  : 0.46 KG (TP127B)