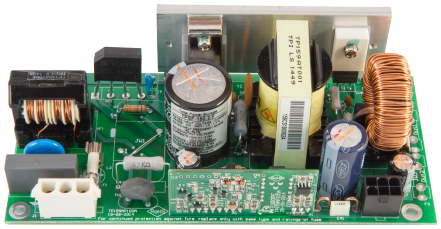
Total Power Europe
Specialist in power conversion

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TP159C

Power supply designed for a professional coffee dispenser. High peak output power of 480W.



Model ref: TPSF-150-2-F

OVERVIEW

- 90W power supply
- Able to deliver 5 times the nominal output power
- Low standby power
- Custom made

APPLICATION

- The electronics and electromechanical parts of a professional coffee dispenser
- High peak power demand due to inrush currents of large DC-motors

INPUT

• AC input voltage range	: 180Vac - 264Vac (double phase 100V)
• Leakage current	: 0.25 mA RMS max.
• Efficiency	: > 85%
• Class I	

OUTPUT

• Nominal output power	: 90W
• Peak output power	: 288W (4.5 sec.) : 480W (1.5 sec.)
• Multiple output voltages	: 2 x +24Vdc
• 60950-1 LPS / UL 1310 Class 2 (output limited to 100VA for max 5 seconds)	

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Automatic latch-off functionality
- Time related output power / overcurrent protection
- Fuse protected AC input

- Microprocessor controlled protections

CERTIFICATES

- UL
- CE marked

SAFETY & EMC

- IEC/EN/UL 60950-1 LPS
- UL197
- UL1310 Class 2
- IEC/EN/UL 60335-1
- IEC/EN 61000-6-1
- IEC/EN 61000-6-2
- 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 61000-6-3
- IEC/EN 61000-6-4
- IEC/EN 61558-1
- 2006/95/EC Low Voltage Directive
- 2011/65/EC ROHS Directive
- IEC/EN 62233
- IEC/EN 61558-2-16

COOLING

- Heatsink

CONSTRUCTION

- Open frame

CONNECTIONS

- Input : AMP Mate-N-Lok 3 pin connector (glow wire compatible)
- Output : Molex 6 pin connector (glow wire compatible)

DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 162 x 75 x 44 mm
  : 6 x 3 x 1.7 inch
- Weight : 0.5 KG