



TP169A



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

Model ref: TPSF-170-1-B

OVERVIEW

- 168W Power supply
- 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
: Japan 200V (double phase 100V)
: Canada 208V (two phase 120V)
: 220V, 230V (Eu) and 240V (USA)
- Leakage current : 0.75 mA RMS max
- Efficiency : > 85%

OUTPUT

- Nominal output power : 168W
- Peak output power : 168W to 288W (30 sec)
: 288W to 480W (4 sec.)
- Single output voltage : +24Vdc

PROTECTIONS

- Fuse protected AC input
- Under / overvoltage protection
- Overload / short circuit protection
- Time related output power / overcurrent protection
- Automatic fault recovery (hiccup restart) functionality
- Microprocessor controlled protections

SAFETY & EMC

- IEC/EN/UL 62368-1
- UL197
- IEC/EN/UL 60950-1
- IEC/EN/UL 60335-1

- EN 55014
- IEC/EN 61000-6-2
- IEC/EN 61000-6-4
- IEC/EN 61000-3-3
- IEC/EN 61000-4-4
- IEC/EN 61000-4-6
- IEC/EN 61000-4-3
- IEC/EN 61558-1
- IEC/EN 61000-6-1
- IEC/EN 61000-6-3
- IEC/EN 61000-3-2
- IEC/EN 61000-4-2
- IEC/EN 61000-4-5
- IEC/EN 61000-4-11
- 2009/125/EC
- EN 62233

COOLING

- Heatsink

CONSTRUCTION

- Open frame

CONNECTIONS

- Input : Leoco connector 3 pin
- Output : Leoco connector 4 pin

DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 158 x 75 x 44 mm
: 6.2 x 3 x 1.7 inch
- Weight : 0.45 KG