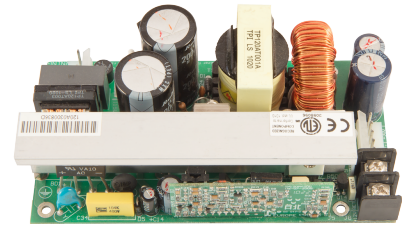


TP120A

120W Dual output power supply used in a vending machine. This PSU has a time protected peak power output of 410W.



Model ref: TPSF-120-2-A

OVERVIEW

- 120W power supply
- Single-ended feed-forward topology
- Protection levels are regulated by a microcontroller
- Custom made

APPLICATION

- Professional coffee vending machine
- High DC motor startup power
- Low standby power
- Operating 24/7

INPUT

- Jumper selectable input voltage range : 90 - 135 Vac
: 190 - 264 Vac
- Leakage current : 1 mA RMS max.
- Efficiency : > 82.5%
- Class I

OUTPUT

- Nominal output power : 120W
- Peak output power : 290W (13 sec.)
: 410W (4 sec.)
- Multiple output voltages : +12Vdc
: +30Vdc

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Time related output power / overcurrent protection
- Automatic restart after 3 seconds

- Microprocessor controlled protections

CERTIFICATES

- CE marked



- ETL



SAFETY & EMC

- | | |
|---------------------|---------------------|
| • EN 55014 | • IEC/EN/UL 60335-1 |
| • IEC/EN/UL 60950-1 | • 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 | |

COOLING

- Free air convection

CONSTRUCTION

- Open frame with a L-shaped heatsink

CONNECTIONS

- | | |
|-------------------|---|
| • Input | : Leoco connector 3 pins |
| • Output | : Leoco connector 5 pins
: Dinkle Barrier 2 pins |
| • 115/230V jumper | : Leoco connector 2 pins |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|--|
| • Dimensions (L X W X H) | : 142 × 77 × 45 mm
: 5.6 × 3 × 1.8 inch |
| • Weight | : 0.65 KG |