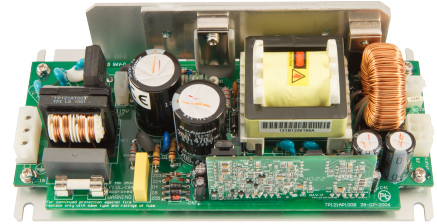


TP121A

140W Power supply used in a vending machine. The unit has a time protected high peak output power of 370W. Safety according UL 60950-1.



Model ref: TPSF-140-1-A

OVERVIEW

- 140W power supply
- Single-ended feed-forward topology
- High peak output power
- Custom made

APPLICATION

- Professional coffee vending machine
- High power demands for a short period of time
- Operating 24/7

INPUT

- Jumper selectable input voltage range : 90 – 127 Vac
: 198 – 254 Vac
- Leakage current : 0.75 mA RMS max.
- Efficiency : > 82.5%
- Class I

OUTPUT

- Nominal output power : 140W
- Peak output power : 300W (45 sec.)
: 370W (10 sec.)
- Single output voltage : +24Vdc
- 60950-1 LPS / UL 1310 Class 2 (output limited to 100VA for max 5 seconds)

PROTECTIONS

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

CERTIFICATES

- CE marked



SAFETY & EMC

- | | |
|-------------------------|---------------------|
| • EN 55014 | • IEC/EN/UL 60335-1 |
| • IEC/EN/UL 60950-1 LPS | • 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 | • IEC/EN 61000-6-2 |
| • IEC/EN 61000-6-3 | |

COOLING

- Very limited air convection

CONSTRUCTION

- Custom designed blank anodized L-bracket housing

CONNECTIONS

- | | |
|-------------------|--------------------------|
| • Input | : AMP Mate-N-Lock 3 pins |
| • Output | : Mini-Fit Jr. 6 pins |
| | : Mini-Fit Jr. 2 pins |
| • 115/230V jumper | : Mini-Fit Jr. 2 pins |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|----------------------|
| • Dimensions (L X W X H) | : 109 × 218 × 50 mm |
| | : 4.3 × 8.6 × 2 inch |
| • Weight | : 0.65 KG |