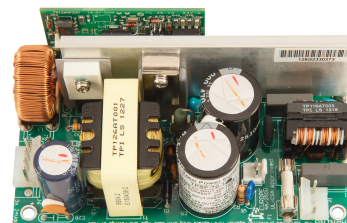


TP126A

80W Power supply with a time protected peak power output of 300W.



Model ref: TPSF-80-1-A

OVERVIEW

- 80W power supply
- 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 motors
- Low stand-by power
- Operating 24/7

INPUT

- | | |
|---|---------------------------------------|
| • Jumper selectable input voltage range | : 90Vac - 135Vac
: 190Vac - 264Vac |
| • Leakage current | : 1 mA RMS max. |
| • Efficiency | : > 85% |

OUTPUT

- | | |
|---|-------------------------------------|
| • Nominal output power | : 80W |
| • Peak output power | : 230W (14 sec.)
: 300W (7 sec.) |
| • Single output voltage | : +24V |
| • 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 by removing the AC-input for at least 1 sec.

- Microprocessor controlled protections

CERTIFICATES

- UL
- 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

- Free air convection

CONSTRUCTION

- Open frame
- Very small heatsinks

CONNECTIONS

- | | |
|------------|--------------------------|
| • Input | : Leoco connector 3 pins |
| • 115/230V | : JST connector 2 pins |
| • Output | : Leoco connector 6 pins |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|------------------------|
| • Dimensions (L X W X H) | : 127 × 76.2 × 45.7 mm |
| | : 5 × 3 × 1.8 inch |
| • Weight | : 0.6 KG |