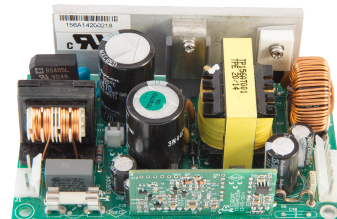


TP156A/B

High peak power supplies TP156A and TP156B for a professional coffee dispenser. Both UL 60950-1 certified. Model TP156B is LPS certified.



Model ref: TPSF-90-1-A/B

OVERVIEW

- 96W/90W power supply (two versions) : TP156A 96W (reference: TPSF-90-1-A)
: TP156B 90W (reference: TPSF-90-1-B)
- Able to deliver 3 times the nominal output power
- Low standby power
- Due to a class 2 certification the user can adjust all parts of the low voltage circuitry without any legislative matters. : Only version TP156B
- Custom made

APPLICATION

- Professional coffee dispensers
- High peak power demands due to inrush currents of DC motors

INPUT

- Jumper selectable input voltage range : 90Vac - 135Vac
: 190Vac - 264Vac
- Leakage current : 0.5 mA RMS max.
- Efficiency : > 80%
- Class I

OUTPUT

- Nominal output power : 96W (TP156A)
: 90W (TP156B)
- Peak output power : 216W (15 sec.) (TP156A)
: 216W (4.7 sec.) (TP156B)
: 360W (2.5 sec.) (TP156A, TP156B)
- Single output voltage : +24Vdc
- 60950-1 LPS / UL 1310 Class 2 (output limited to 100VA for max 5 seconds) : Only version TP156B

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection

- Automatic latch-off functionality
- Microprocessor controlled protections

CERTIFICATES

- UL



SAFETY & EMC

- | | |
|---|-------------------------------------|
| • IEC/EN/UL 60950-1 LPS (Only version TP156B) | • IEC/EN/UL 60950-1 (both versions) |
| • IEC/EN/UL 60335-1 | • IEC/EN 61000-6-1 |
| • IEC/EN 61000-6-2 | • IEC/EN 61000-6-3 |
| • 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 |
| • 2011/65/EC | • 2009/125/EC |
| • IEC/EN 61558-1 | • EN 62233 |
| • UL197 | • EN 55014 |
| • IEC/EN 61558-2-16 | |

COOLING

- Free air convection

CONSTRUCTION

- Open frame

CONNECTIONS

- | | |
|------------|--------------|
| • Input | : Leoco 3941 |
| • 115/230V | : JST B2P-VH |
| • Output | : Leoco 3941 |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|--------------------|
| • Dimensions (L X W X H) | : 127 x 76 x 45 mm |
| | : 5 x 3 x 1.8 inch |
| • Weight | : 0.6 KG |