



TP155C/D



Power supply designed to supply the electronics and electro-mechanic parts within a professional coffee dispenser.



Model ref: TPSF-120-2-E / TPSF-120-2-F

OVERVIEW

- High peak power supply (2 versions) : Model TP155C is 90W
: Model TP155D is 120W
- Able to cope with high inrush currents of DC-motors
- Low stand-by power

APPLICATION

- Professional coffee dispenser

INPUT

- Universal input voltage range : 90 - 135Vac
: 190 - 264Vac
- Leakage current : 0.25mA RMS max. (TP155C)
: 0.5mA RMS max. (TP155D)

OUTPUT

- Nominal output power : 90W (TP155C)
: 120W (TP155D)
- Peak output power : 270W (4.5 sec. TP155C)
: 420W (4.5 sec. TP155C)
: 270W (50 sec. TP155D)
: 420W (4.5 sec. TP155D)
- Single output voltage : +30V
- 60950-1 LPS / UL 1310 Class 2 (output limited to 100VA for max 5 seconds)

PROTECTIONS

- Overload / short circuit protection
- Time related output power / overcurrent protection
- Microprocessor controlled protections
- Under / overvoltage protection
- Automatic latch-off functionality
- Automatic restart functionality

CERTIFICATES

- UL



: 60950-1, 2nd Ed+AM1+AM2

SAFETY & EMC

- | | |
|-------------------------|---------------------|
| • IEC/EN/UL 60950-1 LPS | • IEC/EN/UL 60335-1 |
| • EN 62233 | • UL197 |
| • FCC Part 15 class A | • EN 55014-1 |
| • IEC/EN 61000-6-1 | • IEC/EN 61000-6-2 |
| • IEC/EN 61000-6-3 | • IEC/EN 61000-6-4 |
| • 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 |
| • 2011/65/EC ROHS | • IEC/EN 61558-1 |

COOLING

- Free air convection

CONSTRUCTION

- Open frame

CONNECTIONS

- | | |
|------------|--------------------|
| • Input | : 3 pins connector |
| • 115/230V | : 3 pins connector |
| • Output | : 5 pins connector |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|----------------------|
| • Dimensions (L X W X H) | : 14 x 7.6 x 4.6 mm |
| | : 5.6 x 3 x 1.8 inch |
| • Weight | : 0.65 KG |