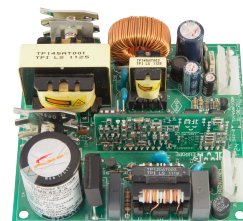


TP145A

62W power supply with a high peak output power of 360W. Meets the Energy Star requirements and conforms to 60335-2-75.



Model ref: TPSF-120-2-A/B

OVERVIEW

- 62W power supply
- Two input versions
 - : 187-264 Vac (TP145A)
 - : 85-135 Vac (TP145B)
- 2 converters
 - : 5V auxiliary converter
 - : 24V main converter with remote on/off
- Custom made

APPLICATION

- Professional coffee vending machine
- Stand-by power of less than 0.3W
- High start-up currents of motors and valves within the dispenser
- Operating 24/7

INPUT

- Input voltage range
 - : 187 – 264 Vac (TP145A)
 - : 85 – 135 Vac (TP145B)
- Input power
 - : Pin
- Leakage current
 - : 1 mA RMS max
- Efficiency
 - : > 80%

OUTPUT

- Nominal output power
 - : 62W
- Peak output power
 - : 360W (4.8 sec.)
- Multiple output voltages
 - : +5 Vdc
 - : +24 Vdc
- 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
- Fuse protected AC input
- Automatic latch-off functionality
- Overtemperature protection
- Microprocessor controlled protections

CERTIFICATES

- Energy Star  : Designed to meet the Energy Star requirements
- UL 
- CE marked 

SAFETY & EMC

- IEC/EN/UL 60335-1
- IEC/EN 61000-3-2
- IEC/EN 61000-4-2
- IEC/EN 61000-4-4
- IEC/EN 61000-4-6
- IEC/EN 61000-6-1
- EN 55014
- IEC/EN/UL 60950-1
- IEC/EN 61000-3-3
- IEC/EN 61000-4-3
- IEC/EN 61000-4-5
- IEC/EN 61000-4-11
- IEC/EN 61000-6-3
- UL1310 Class 2

COOLING

- Free air convection

CONSTRUCTION

- Open frame : The power supply will be mounted in the customer's plastic housing

CONNECTIONS

- Input : 5 pins Leoco connector
- Output : 5 pins Leoco connector

DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 105 × 95 × 42 mm
: 4.1 × 3.7 × 1.7 inch
- Weight : 0.7 KG