



## TP153A

Power supply for a professional tea dispenser.



Model ref: TPMS-50-2-A

### OVERVIEW

- 50W power supply
- Able to deliver 3 times the nominal output power
- 2 converters : 24V main converter with remote on/off  
: 5V auxiliary converter
- Custom made

### APPLICATION

- Professional tea dispenser

### INPUT

- Universal input voltage range : 85 - 264Vac
- Leakage current : 0.49 mA RMS max.
- Efficiency : > 80%
- Class I

### OUTPUT

- Nominal output power : 50W
- Peak output power : 72W (15 sec.)  
: 144W (4.5 sec.)
- Multiple output voltages : +24 Vdc (main)  
: +5 Vdc (aux)

### PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Automatic latch-off functionality
- Fuse protected AC input
- Microprocessor controlled protections
- Overtemperature protection of the 5V auxiliary output

### CERTIFICATES

- UL



- CE marked



#### SAFETY & EMC

- IEC/EN/UL 60950-1 LPS
- 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
- UL1310 Class 2
- EN 55014
- 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

#### COOLING

- Free air convection

#### CONSTRUCTION

- Open frame : The unit will be mounted in the customer's U-bracket

#### CONNECTIONS

- Input : Leoco 5 pins connector
- Output : Micro Fit 6 pins connector

#### DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 125 x 93 x 35 mm  
: 5 x 3.6 x 1.4 inch
- Weight : 0.3 KG