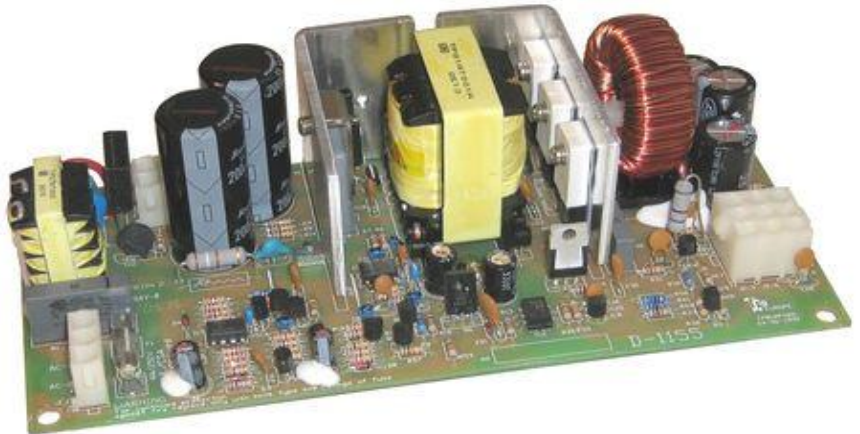




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Switched mode power supply TP81A

150W Power Supply for a coffee dispenser, with a time protected peak output power of 3 times the nominal rated value



Overview TP81A

- 150W power supply
- Able to deliver 3 times the nominal output power
- Low standby power
- Single-ended feed-forward topology
- Custom made

Application

- Range of professional coffee dispensers
- Main output of the PSU is used to supply the digital control electronics of the machine and one or two peltier elements
- The load of the other outputs consists out of valves, motors, relays and coffee dosing coils
- Operating 24/7

Detailed specifications

Input

- Jumper selectable input voltage range: 115 / 230 Vac
- Efficiency: > 80%

Output

- 3 output voltages: +10,5V
+24V
+30V
- Nominal output power: 150W
- Peak output power: 450W

Protections

- Overvoltage protection
- Overload protection

Certificates

- UL / CE marked



Safety & EMC

- EN 60950
- EN 55014
- EN 50081-1
- IEC 335-I
- EN 60555-2, 3
- EN 50082-1

Cooling

- Limited air convection

Mechanical construction

- Open frame construction with two L shaped heatsinks
- PSU is screwed down to the metal mounting console of the machine

Connection

- Input/Outputs: AMP Mate-N-Lok connectors

Dimensions

- Size (L x W X H): 205 x 95 x 55 mm
8,1 x 3,7 x 2,2 inch
- Weight: 0,6 KG