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Switched mode power supply TP124A

220W LPS power supply with a high peak output power of 360W



Overview TP124A

- 220W power supply
- Provided with a PFC circuitry.
- Complies to international LPS standards: the low voltage circuitry can be adjusted without any legislative matters
- Custom Made

Application

- Professional coffee vending machine
- High power demands up to 60 seconds
- Operating 24/7

Detailed specifications

Input

- AC input auto ranged: 90 - 135V
190 - 264V
- Leakage current: 0,75 mA RMS max.
- Efficiency: > 82,5%

Output

- Triple output voltages 3 x +24V LPS
(up to 9Amps each)
- Nominal output power: 220W
- Max output power per output: 80W
- Max total output power: 360W

Microprocessor controlled protections

- Under/Overvoltage protection
- Overload / Short circuit protection
- Time related output power / current protection
- Automatic restart by removing the AC-input for at least 2 sec.

Certificates

- CE marked



Safety & EMC

- IEC 60950 Class I
- UL 60950 Class I
- EN 60335 Class I
- Class 2 limited power sources
- EN 55014
- EN 50081-1 EN 61000-6-3 2001
- EN 50082-2 EN 61000-6-2 2001
- EN 61000-4-2,3,1,5,6,11
- EN 61000-3-3
- EN 61000-3-2 A14 2000

Cooling

- Free air convection

Mechanical construction

- A specially designed black anodized aluminium bracket housing and a galvanized metal cover.

Connection

- Input AMP Mate-N-Lock 3 pins
- Output Mini-Fit Jr. 6 pins

Dimensions & weight

- Size (L x W X H): 215 x 105 x 70 mm
8,5 x 4,1 x 2,8 inch
- Weight: 0,65 KG