



Home > Our switched mode power supplies > TP109A > PDF

# Switched mode power supply TP109A

30W power supply with 7 outputs



## Overview TP109A

- 30W power supply
- Very low ripple and noise
- Galvanic isolated overload protected outputs
- 10 mSec power fail warning at worst load conditions for backup purposes
- Custom Made

## Application

- Professional security surveillance system (CCTV)

## Detailed specifications

### Input

- Input voltage range: 190 - 264Vac
- Leakage current: 1 mA RMS max.
- Efficiency: > 75 %

### 7 output voltages

- Outputs for system's motherboard: +5Vdc, -5Vdc, +13Vdc
- Outputs for sensors and actuators at distances up to 100 meters: +12,8Vdc, +12,8Vdc, +12,8Vdc
- Output for customer's system fan: +13Vdc
- Nominal output power: 30W

## Certificates

- CE marked



## Protections

- Under/Overvoltage protection
- Overload / Short circuit protection
- Automatic switch-off and reset/restart functionalities

## Safety & EMC

- EN 60065
- EN 50081-1
- EN 50082-1

## Cooling

- Forced air convection (fan)

## Mechanical construction

- Open frame

## Connection

- Input: 3 pins PCB mouting inlet (IEC 320-14)
- Output: 6 pins MOLEX connector on flying leads, 8 pins MOLEX connector on flying leads

## Dimensions & weight

- Size (L x W X H): 172 x 77 x 45 mm, 6,8 x 3 x 1,8 inch
- Weight: 0,25 KG