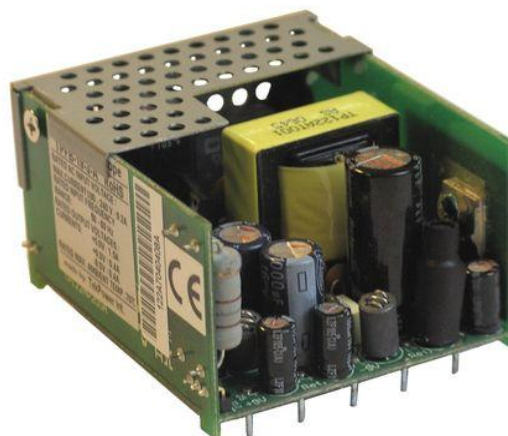




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Switched mode power supply TP122A

19W (Watt) Linear transformer sized SMPS used in industrial weighing systems. The power supply generates +5Vdc, +9Vdc and -9Vdc output voltages.



Overview TP122A

- 19W power supply
- Small size and low weight
- Fly back converter topology
- Intergrated power fail signal
- Accuracy of the three output voltages is achieved by a special design without the use of voltage regulators
- Easy and reliable connections
- Custom Made

Application

- Industrial weighing system: electronics of a digital control board and an analogue signal amplifier

Detailed specifications

Input

- Universal input range 85 - 264V
- Leakage current: 1 mA RMS max.
- Efficiency: > 75%

Output

- Triple output voltages +5V
+9V
-9V
- Nominal output power: 19W

Protections

- +5V undervoltage protection
- Overload / Short circuit protection
- Time related output power / current protection
- Automatic restart after 3 seconds

Certificates

- CE marked



Safety & EMC

- IEC 60950 Class II
- UL 60950 Class II
- EN 55022
- EN 50081-1 EN 61000-6-3 2001
- EN 50082-1 EN 61000-6-3 2001
- EN 61000-4-2,3,4,5,6,11
- EN 61000-3-3

Cooling

- Free air convection

Mechanical construction

- Semi-enclosed construction
- A custom made metal sheet cover prevents contact with the primary parts

Connection

- Input 2 Solder pins
- Output 6 Solder pins

Dimensions & weight

- Size (L x W X H): 58 x 68 x 39 mm
2,3 x 2,7 x 1,5 inch
- Weight: 0,15 KG