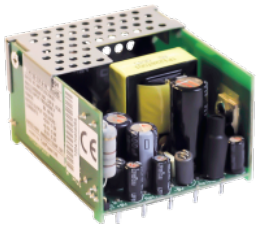
Total Power Europe
Specialist in power conversion

Total Power Europe BV
Kloosterstraat 5
4901 HR OOSTERHOUT
The Netherlands
Phone: +31 (0) 162 570087
Website: www.totalpower.nl
Email: info@totalpower.nl

TP122A

19W Linear transformer sized SMPS used in industrial weighing systems. Triple output: +5Vdc, +9Vdc and -9Vdc.



Model ref: TPFB-19-3-A

OVERVIEW

- 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

INPUT

• Universal input voltage range	: 85 – 264 Vac
• Leakage current	: 1 mA RMS max.
• Efficiency	: > 75%
• Class II	

OUTPUT

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

PROTECTIONS

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

CERTIFICATES

- CE marked

SAFETY & EMC

- EN 55022 (CISPR22) Class B
- IEC/EN/UL 60950-1
- IEC/EN 61000-3-3
- IEC/EN 61000-4-2
- IEC/EN 61000-4-3
- IEC/EN 61000-4-4
- IEC/EN 61000-4-5
- IEC/EN 61000-4-6
- IEC/EN 61000-4-11
- IEC/EN 61000-6-3

COOLING

- Free air convection

CONSTRUCTION

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

CONNECTIONS

- Input : 2 Solder pins
- Output : 6 Solder pins

DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 58 × 68 × 39 mm
  : 2.3 × 2.7 × 1.5 inch
- Weight : 0.15 KG