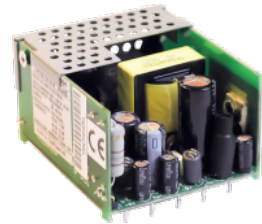


TP122A

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 construction
- 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 |