



TP101AB



Range of 50W supplies used in mass flow and pressure sense equipment.

Model ref: TPFB-50-3-A/B

OVERVIEW

- Range of 50W power supplies (3 versions: TP101A/B – TP104C)
- Flyback converter topology
- Capable of operating at elevated temperatures and limited air convection
- Excellent line, load and cross regulation
- High reliability and an extended lifetime
- Custom made

APPLICATION

- Mass flow and pressure sense equipment
- High demand of stability
- Presence of high frequency ripple and noise on the output(s)

INPUT

- Universal input voltage range : 85 – 264 Vac
- Leakage current : 0.5 mA RMS max. (TP101A/B)
: 1 mA RMS max. (TP104C)
- Efficiency : > 75%
- Class I

OUTPUT

- Nominal output power : 50W
- Multiple output voltages : +5V, -15V, +15V (TP101A)
: +24V (TP101B)
: +5V, -15V, +15V (TP104C)

PROTECTIONS

- Overload / short circuit protection
- Overtemperature protection
- Automatic fault recovery (hiccup restart) functionality
- Microprocessor controlled protections

SAFETY & EMC

- EN 50081-1
- EN 50082-2

- IEC/EN/UL 61010-1

COOLING

- Limited air convection

CONSTRUCTION

- Enclosed frame

CONNECTIONS

- Input (TP101A/B) : 3 pins connector (IEC320-C14). Contains a fuse holder and switch
- Output TP101A/B : 6 pins Molex connector with flying leads
- Input (TP104C) : Round 4 pins Amphenol connector
- Output (TP104C) : 6 pins Molex connector with flying leads

DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 160 × 50 × 85 mm
: 6.3 × 2 × 3.3 inch
- Weight : 0.83 KG