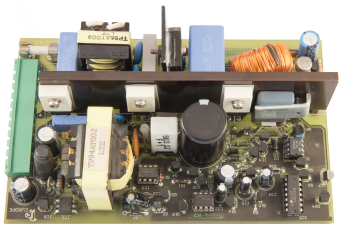
Total Power Europe
Specialist in power conversion

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TP94A

Power supply used to supply a control board (part of railway system). The PSU has a time protected high peak output power of 120W. AC and DC input.



Model ref: TPMS-24-1-A

OVERVIEW

- 25W power supply
- Extreem wide input voltage range both AC and DC
- 2 stage converter : 1st stage is a boost converter
  : 2nd stage is a flyback converter using current regulation
- Operating temperature: -25 to +55 °C
- Excellent performance on dynamic load changes
- Custom made

APPLICATION

- Control board (part of a railway system)
- High voltage switches

INPUT

- Universal input voltage range : 38 – 254 Vac/dc
- Efficiency : > 65%

OUTPUT

- Nominal output power : 25W
- Peak output power : 120W
- Single output voltage : +24Vdc

PROTECTIONS

- Overload / short circuit protection
- Overload / short circuit protection
- Automatic fault recovery (hiccup restart) functionality

CERTIFICATES

SAFETY & EMC

- IEC/EN/UL 60950-1

COOLING	
• Free air convection	

CONSTRUCTION	
• Open frame	

CONNECTIONS	
• Input	: 10 pins Phoenix connector
• Output	: 10 pins Phoenix connector

DIMENSIONS & WEIGHT	
• Dimensions (L X W X H)	: 160 × 100 × 45 mm : 6.3 × 4 × 1.8 inch
• Weight	: 0.44 KG