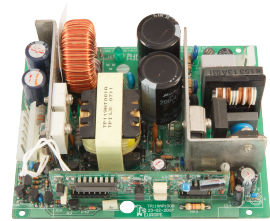


TP119A

70W Power supply used in an artificial respiration unit (patient homecare).



Model ref: TPSF-70-2-A

OVERVIEW

- 70W power supply
- Single-ended feed-forward topology
- Extended lifetime achieved by components choice
- TTL compatible integrated power fail signal
- Custom made

APPLICATION

- Artificial respiration unit (patient homecare)
- Fluctuating power demands of a DC motor
- Remote on/off functionality

INPUT

- Autoranged input voltage range : 85Vac - 135Vac
: 190Vac - 264Vac
- Leakage current : 0.5 mA max.
- Efficiency : > 80%
- Class II

OUTPUT

- Nominal output power : 70W
- Multiple output voltages : 2x +12Vdc

PROTECTIONS

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

SAFETY & EMC

- EN 50081-1
- EN 50082-2
- EN 55011
- EN 55014

- | | |
|---------------------|---------------------|
| • IEC/EN/UL 60601-1 | • IEC/EN/UL 60950-1 |
| • IEC/EN 61000-3-2 | • 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 61000-6-2 | • IEC/EN 61000-6-3 |

COOLING

- Limited air convection at elevated ambient temperatures

CONSTRUCTION

- Mounted in customer's housing

CONNECTIONS

- | | |
|----------|--------------------------|
| • Input | : Leoco connector 3 pins |
| • Output | : Leoco connector 7 pins |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|------------------------|
| • Dimensions (L X W X H) | : 125 × 100 × 40 mm |
| | : 4.9 × 3.9 × 1.6 inch |
| • Weight | : 0.45 KG |