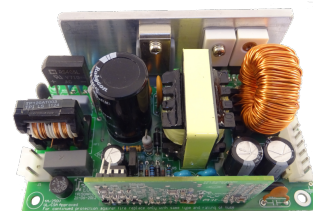


TP150A

45W power supply with a time protected peak power output of 300W.



Model ref: TPSF-45-2-A

OVERVIEW

- 45W power supply
- Microprocessor controlled protection levels
- Single-ended feed-forward topology based
- Custom made

APPLICATION

- Professional coffee dispensers
- High peak power demands due to inrush currents of DC motor
- Low stand-by power
- Operating 24/7

INPUT

- Input voltage range : 190Vac – 264Vac
- Leakage current : 0.5 mA RMS max.
- Efficiency : > 80%
- Class I

OUTPUT

- Nominal output power : 45W
- Peak output power : 70W – 205W (15 sec.)
: 205W – 300W (4 sec.)
- Multiple output voltages : +12V (up to 4A)
: +24V (up to 12A)

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Time related output power / overcurrent protection
- Automatic fault recovery (hiccup restart) functionality : Restart after 5 seconds
- Microprocessor controlled protections

CERTIFICATES

- CE marked



SAFETY & EMC

- | | |
|---------------------|---------------------|
| • EN 55014 | • IEC/EN/UL 60335-1 |
| • IEC/EN/UL 60950-1 | • IEC/EN 61000-3-3 |
| • IEC/EN 61000-3-4 | • 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

CONSTRUCTION

- Open frame with an aluminium heatsink

CONNECTIONS

- | | |
|----------|--------------------------------|
| • Input | : Leoco connector 3 pins |
| • Output | : Leoco connector 6 pins (12V) |
| | : Leoco connector 6 pins (24V) |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|------------------------|
| • Dimensions (L X W X H) | : 147.3 × 63.5 × 43 mm |
| | : 5.8 × 2.5 × 1.7 inch |
| • Weight | : 0.65 KG |