

TP

48W Power supply for solenoids and watervallves



Model ref: TPFB-48-1-A

OVERVIEW

- 48W Power supply
- Supplies the peak currents of motors, valves and solenoids
- Able to deliver 1.5 times the nominal output power

APPLICATION

- Vending machine

INPUT

- Universal input voltage range : 90 - 264Vac
- Input power : no load =
- Efficiency : CoC Tier2 (EU)
: Level VI (US)
: Min. average efficiency >89%
- Class II

OUTPUT

- Nominal output power : 48W
- Peak output power : 72W / 4min
: max. duty cycle = 0.25
- Single output voltage : +24Vdc

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Automatic fault recovery (hiccup restart) functionality
- Fuse protected AC input

CERTIFICATES

- CE marked



SAFETY & EMC

- IEC/EN/UL 62368-1
- IEC/EN 60335-2-75
- IEC/EN 61000-6-1, 2, 3, 4
- IEC/EN 61000-4-2, 3, 4, 5, 6, 11
- 2006/95/EC Low voltage directive
- IEC/EN 61558-1
- IEC/EN/UL 60335-1
- EN 55014
- IEC/EN 61000-3-2, 3
- 2011/65/EC RoHS
- 2004/108/EC EMC directive

COOLING

- Free air convection
- : Max ambient temp. 60°C
: Lifetime @ 60°C and nom. load >88 khr

CONSTRUCTION

- Open frame
- : Optional adapter housing possible

CONNECTIONS

- Input
 - Output
- : AC input power cord
: AC inlet IEC320 C14 (adapter housing)
: DC output power cord with a wide range of possible jacks or connectors

DIMENSIONS & WEIGHT

- Dimensions (L X W X H)
 - Weight
- : 90 x 45 x 30mm (open frame)
: 130 x 55 x 35 (adapter housing)
: 0.12 kg (open frame)
: 0.25 kg (adapter housing)