

Switchmode Power Supply

PP 3

Conforms to IEC 60950

Data Sheet

3 Watts

Applications

- Telecom applications
- Portable instruments
- Peripherals

Characteristics

- Universal input 100 - 240 V AC
- Constant voltage, current limited
- Low leakage current < 10 µA
- Low standby power ≤ 0.3 Watt
- Continuously short circuit proof



Technical Data

Input voltage
Input current
Frequency
Efficiency
EMC

100 to 240 V AC
85 / 90 mA
50 to 60 Hz
75% typ. at full load
Conforms to EN 55011, EN 55014,
EN 55022 / B, FCC 47 part 15, EN 61000-3-2,
EN 61000-4-2, EN 61000-4-3, EN 61000-4-4,
EN 61000-4-5, EN 61000-4-6, EN 61000-4-11

Output voltage tolerance
Ripple

± 5%
≤ 300 mV RMS

Environmental specification

Operating temp.
Storage temp.
Humidity
Input Transient Susceptibility

0 to 40°C at maximum load
-10 to 70°C
10% to 95% non condensing

Safety specification Standards

Fulfils Class II SELV for the following applications:
EN 60950 / IEC 60950, VDE, CE label, resp. UL 60950

Reliability specification

MTBF calculation ambient

200,000 hours at maximum load levels and an temperature of 25°C (in correspondence with MIL-HDBK-217)

Mechanical specification

Weight approx.
Plug connector

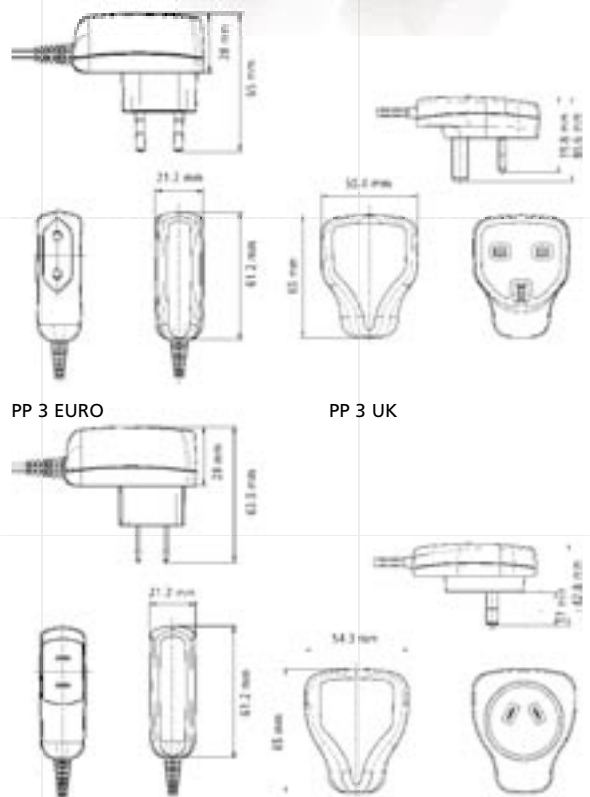
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AC input: Mains plugs are available for the following regions:
EURO, USA / Japan, UK*
DC output: Universal output plug system

PP 3 UK

PP3 Australia

PP3 USA / Japan

PP3 EURO



PP 3 EURO

PP 3 UK

PP 3 USA / Japan

PP 3 Australia

* Australia version and other output voltages available for OEM quantities.

Output data		EURO	USA / Japan	UK
Voltage	Current	Order No.	Order No.	Order No.
5 V	650 mA	1882750	1882760	1824460
12 V	270 mA	1882753	1882763	1824461



PP 3

Voltage

5 V

6 V

7,5 V

9 V

12 V

15 V

24 V

Current

650 mA

550 mA

450 mA

360 mA

270 mA

220 mA

135 mA