

Switchmode Power Supply

GPP 10

Conforms to IEC 60950

10 Watt



Applications

- Office equipment
- Data transmission devices
- IT equipment
- Measurement and weighing technology

Characteristics

- Universal input 100 to 240 V AC
- Interchangeable primary adapters
- Constant voltage, current limited
- Light weight and universal use
- Low standby power
- Continuously short circuit proof

Technical Data

Input voltage 100 to 240 V AC
Input current 250 mA
Frequency 50 to 60 Hz
Efficiency 80% typ. at full load
EMV 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 610004-5, EN 61000-4-11

Output voltage tolerance + 5%, -7%

Environmental specification

Operating temp. 0 to 40° C at maximum load
Storage temp. -40 to 70° C
Humidity 5% to 95% non condensing
Input transient susceptibility Complies with IEC 61000 requirements

Safety specifications

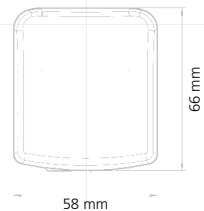
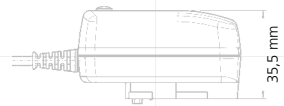
Standards Fulfills Class II SELV for the following applications:
 EN 60950 / IEC 60950, UL 60950, CSA 950 (cUL), VDE, CE-label

Reliability specifications

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

Mechanical specification

Weight approx. 113 g
Plug connector AC input: FRIWO exchangeable mains plug system: EURO, UK, USA / Japan, Australia, IEC
 DC output: Universal output plug system



Output data			Worldwide
Voltage	Current	Ripple Volt.	Order No.
5 V	1600 mA	75 mV pp	1827490
6 V	1400 mA	75 mV pp	1827491
7,5 V	1200 mA	75 mV pp	1827492
9 V	1000 mA	75 mV pp	1827493
12 V	800 mA	75 mV pp	1827494
15 V	700 mA	75 mV pp	1827495
18 V	560 mA	125 mV pp	1827496
24 V	420 mA	125 mV pp	1827497