



Switchmode Power Supplies In-wall Series

All products conform to
IEC 61558, 60950, 60335

Applications

- Safety technology
- Water taps
- Shutter control
- Door opener
- LED applications

Characteristics

- Universal input 100 to 240 V AC
- Constant voltage, current limited
- Low standby power
≤ 0.3 Watts
- High output power
- Continuously short circuit proof
- Compact design
- IP 64 protection class

Technical data

Input voltage	100 to 240 V AC (± 10 %)
Input current	150 mA (UP 6), 400 mA (UP 12, UP 18)
Frequency	50 to 60 Hz
Efficiency	75 % typ. at full load
EMC	Conforms to EN 55011, 55014, EN 55022/B, EN 55024, FCC 41 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, ± 5 %
Output voltage tolerance	± 5 %

Environmental specification

Operating temperature	0 to 40° C at maximum load
Lagertemperatur	- 20 to 70° C
Humidity	5 % to 95 % non condensing
Input transient susceptibility	Complies with IEC 61000 requirements
Internal functional temperature range	0 to 70° C

Safety specification

Standards	Fulfills Class II SELV for the following applications: EN 60950/IEC 60950, UL 60950, VDE, CE label
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Reliability specification

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

Weight approx.	95 g (UP 6), 130 g (UP 12), 130 g (UP 18)
Plug connector	AC input: 150 mm cable DC output: 150 mm cable

Optional – upon request:	customer specific output voltages customer specific cable length
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UP 6 FW 7801



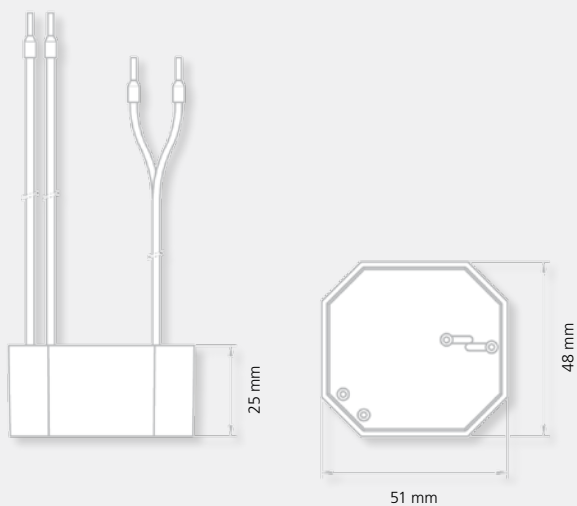
UP 12 FW 7802



UP 18 FW 7803

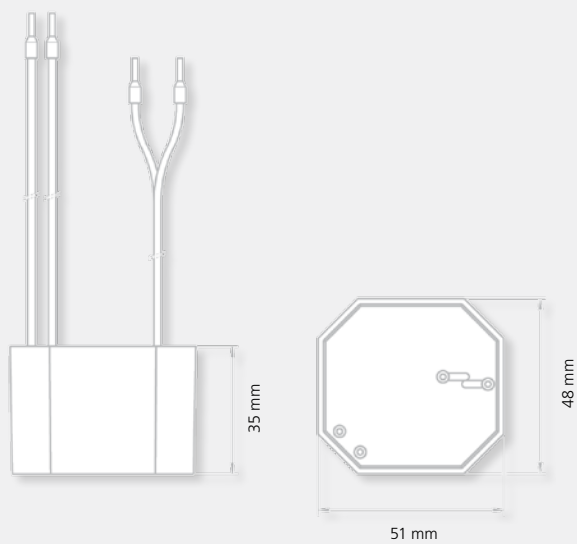


6 Watts



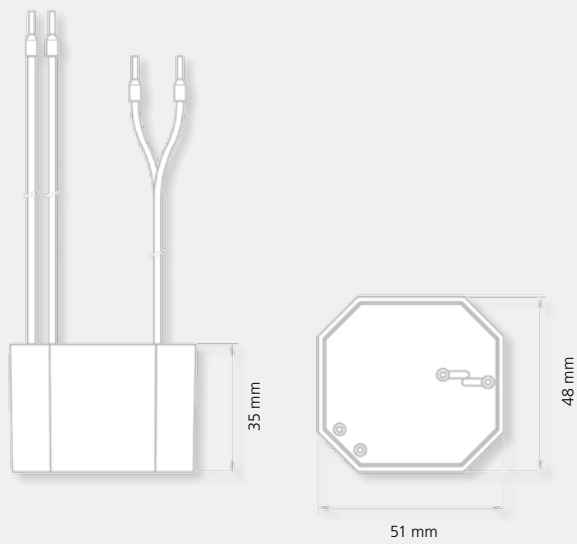
Output data			Worldwide
Voltage	Current	Ripple Voltage	Order No.
4 V	1300 mA	300 mV pp	1891505
6 V	1000 mA	300 mV pp	1891506
9 V	660 mA	300 mV pp	1891507
12 V	500 mA	300 mV pp	1891508
15 V	400 mA	300 mV pp	1891509
18 V	330 mA	300 mV pp	1891510
24 V	250 mA	300 mV pp	1891511

12 Watts



Output data			Worldwide
Voltage	Current	Ripple Voltage	Order No.
12 V	1000 mA		1891767
24 V	500 mA		1891768

18 Watts



Output data			Worldwide
Voltage	Current	Ripple Voltage	Order No.
12 V	1500 mA	400 mV pp	1832688
24 V	750 mA	400 mV pp	1891685