

Switchmode power supplies

INDUSTRIAL / I. T. E.

Desktop

All products conform to IEC 60950.

Characteristics

- Efficiency level VI
- Overload protection
- Overvoltage protection
- Continuously short circuit proof

Technical data

Input voltage	100 – 240 V
Frequency	50 – 60 Hz
Input current	300 mA (DT12) 600 mA (FOX30-D) 1300 mA (FOX60-D)
Leakage current	≤ 10 µA (FOX30-D) ≤ 250 µA (DT12, FOX60-D)
Output voltage tolerance	± 5 %
Turn-on delay	≤ 2 s
Stand-by	≤ 0.1 W
Efficiency (typ. full load)	≥ 87 % (DT12, FOX30-D) ≥ 88 % (FOX60-D)
MTBF	200.000 h

Environmental specifications

Operating temperature	0 – 45° C (FOX30-D) 0 – 40° C (DT12, FOX60-D)
Humidity	10 – 95 %
Storage temperature	-40 – 70° C (FOX30-D) -10 – 70° C (DT12, FOX60-D)
Operating altitude	2000 m

Safety specifications

Standards	IEC 60950, IEC 60335, IEC 60065
Approvals	EU, USA, AUS, JPN
Safety class	II
EMC	EN 55022, EN 55024

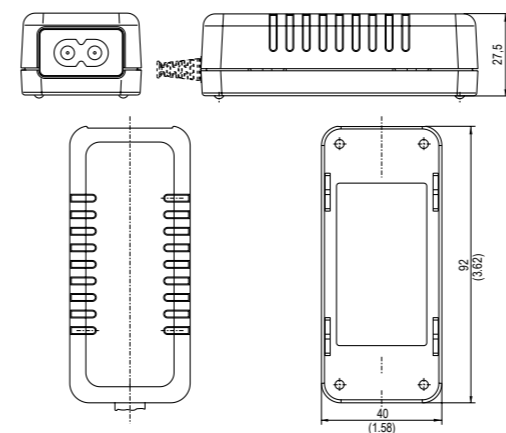
Mechanical data

Dimensions	40.0 x 92.0 x 27.5 mm (DT12) 90.0 x 55.0 x 32.0 mm (FOX30-D) 114.5 x 49.5 x 33.0 mm (FOX60-D)
Weight	135 g (DT12) 187 g (FOX30-D) 250 g (FOX60-D)
Connectors	AC input: 2 pole, IEC 60320-C8 socket DC output: Secondary adapter system

Please find adapters and accessories on page 82.
For notes on connection and safe operation, please refer to the operating instructions.

DT12

FW7402



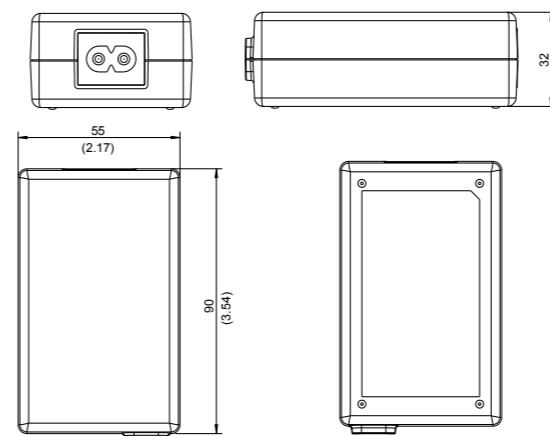
Alle Abmessungen in Millimeter (Inch), Abweichung ± 0,5 (0.02)
All Dimensions in Millimeter (Inch), Deviation ± 0,5 (0.02)



Output data			Worldwide
Voltage	Current	Ripple voltage	Article no.
5 V	2000 mA	200 mV pp	1898975
5.9 V	1700 mA	200 mV pp	1898976
7.5 V	1400 mA	200 mV pp	1898977
9 V	1200 mA	180 mV pp	1898978
12 V	1000 mA	180 mV pp	1898757
15 V	800 mA	150 mV pp	1898979
18 V	660 mA	180 mV pp	1898980
24 V	500 mA	120 mV pp	1898981

FOX30-D

FW8030/DT



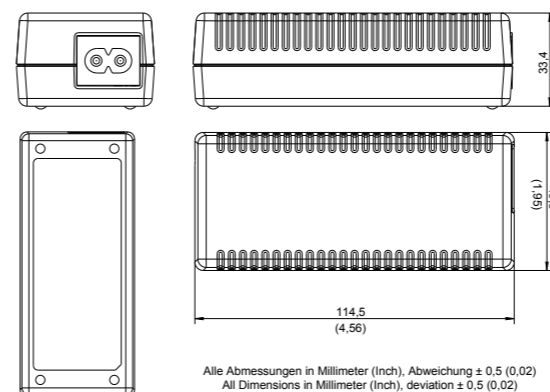
Alle Abmessungen in Millimeter (Inch), Abweichung ± 0,5 (0.02)
All Dimensions in Millimeter (Inch), Deviation ± 0,5 (0.02)



Output data			Worldwide
Voltage	Current	Ripple voltage	Article no.
5 V	5000 mA	150 mV pp	1898169
6 V	4200 mA	150 mV pp	1898170
7.5 V	4000 mA	150 mV pp	1898171
9 V	3300 mA	120 mV pp	1898172
12 V	2500 mA	120 mV pp	1898173
15 V	2000 mA	150 mV pp	1898174
18 V	1600 mA	200 mV pp	1898175
24 V	1250 mA	200 mV pp	1898177
48 V	625 mA	300 mV pp	1898178

FOX60-D

FW8060



Alle Abmessungen in Millimeter (Inch), Abweichung ± 0,5 (0.02)
All Dimensions in Millimeter (Inch), deviation ± 0,5 (0.02)



Output data			Worldwide
Voltage	Current	Ripple voltage	Article no.
12 V	5000 mA	240 mV pp	1898544
15 V	4000 mA	240 mV pp	1898545
18 V	3300 mA	240 mV pp	1898546
24 V	2500 mA	240 mV pp	1898547
48 V	1250 mA	480 mV pp	1898548