

PRODUCT DATASHEET

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Datasheet begins on next page.

Characteristics

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

Technical data

Input voltage	100 – 240 V ± 10 %
Frequency	50 – 60 Hz
Input current	150 mA (FOX5-F-USB) 160 – 80 mA (FOX6-F-USB) 250 mA (FOX12-F-USB)
Leakage current	≤ 10 µA (FOX5-F-USB, FOX6-F-USB) ≤ 250 µA (FOX12-F-USB)
Output voltage tolerance	± 5 %
Turn-on delay	≤ 2 s
Stand-by	≤ 0.1 W
Efficiency (typ. full load)	≥ 74 % (FOX5-F-USB) ≥ 76 % (FOX6-F-USB) ≥ 79 % (FOX12-F-USB)
MTBF	200.000 h

Environmental specifications

Operating temperature	0 – 40° C (FOX5-F-USB) 0 – 45° C (FOX6-F-USB, FOX12-F-USB)
Humidity	10 – 95 %
Storage temperature	-20 – 70° C (FOX5-F-USB) -40 – 70° C (FOX6-F-USB, FOX12-F-USB)
Operating altitude	2000 m

Safety specifications

Standards	IEC 60950, IEC 60065, IEC 60335-1
Approvals	EU, USA, AUS, JPN
Safety class	II
EMC	EN 55022, EN 55024

Mechanical data

Dimensions	40.0 x 65.0 x 18.0 mm (FOX5-F-USB) 55.0 x 31.5 x 41.0 mm (FOX6-F-USB) 75.0 x 31.5 x 41.0 mm (FOX12-F-USB)
Weight	25 g (FOX5-F-USB) 52 g (FOX6-F-USB USA/Japan) 57 g (FOX6-F-USB EURO) 68 g (FOX12-F-USB USA/Japan) 72 g (FOX12-F-USB AUS) 73 g (FOX12-F-USB EURO) 81 g (FOX12-F-USB UK)
Connectors	AC input: See article no. DC output: USB socket type A

Please find adapters and accessories on page 82.

For notes on connection and safe operation, please refer to the operating instructions.

Switchmode power supplies

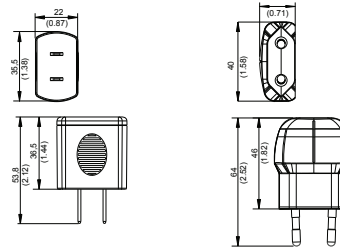
INDUSTRIAL / I. T. E.

with fixed AC plug.

All products conform to IEC 60950.

FOX5-F-USB

FW7713/EU
FW8005/US



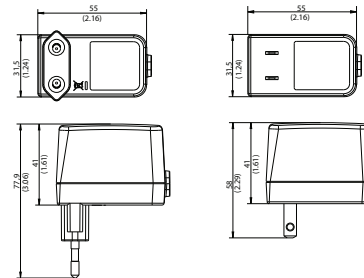
Alle Abmessungen in Millimeter (Inch), Abweichung ± 0,5 (0,02)
All Dimensions in Millimeter (Inch), Deviation ± 0,5 (0,02)

Output data				EURO	USA
Voltage	Current	Ripple voltage	Colour	Article no.	Article no.
5 V	1000 mA	80 mV pp	black	1897974	1898333
5 V	1000 mA	80 mV pp	white	1899018	1899017

FOX6-F-USB

FW8002/USB

available from May 2016



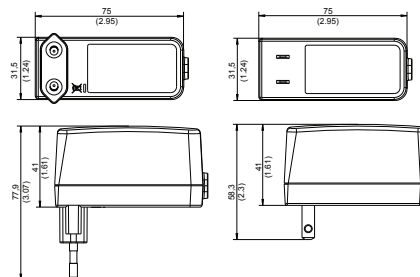
Alle Abmessungen in Millimeter (Inch), Abweichung ± 0,5 (0,02)
All Dimensions in Millimeter (Inch), Deviation ± 0,5 (0,02)

Output data			EURO	USA/Japan
Voltage	Current	Ripple voltage	Article no.	Article no.
5 V	1000 mA	80 mV pp	1898875	1898876
5 V	1400 mA	80 mV pp	1898867	1898868

FOX12-F-USB

FW8000/USB

available from May 2016



Alle Abmessungen in Millimeter (Inch), Abweichung ± 0,5 (0,02)
All Dimensions in Millimeter (Inch), Deviation ± 0,5 (0,02)

Output data			EURO	USA/Japan	UK	AUS
Voltage	Current	Ripple voltage	Article no.	Article no.	Article no.	Article no.
5 V	2200 mA	80 mV pp	1898895	1898896	1898897	1898898