

### Characteristics

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

### Technical data

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

### Environmental specifications

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

### Safety specifications

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

### Mechanical data

<b>Dimensions</b>	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)
<b>Weight</b>	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)
<b>Connectors</b>	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

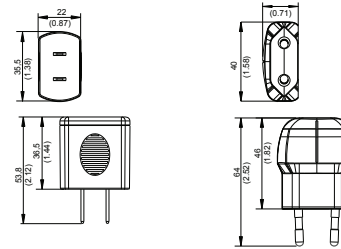
# INDUSTRIAL / I. T. E.

with fixed AC plug.

All products conform to IEC 60950.

## FOX5-F-USB

FW7713/EU  
FW8005/US



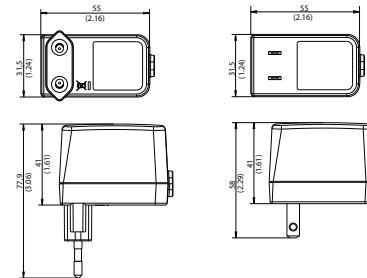
Alle Abmessungen in Millimeter (Inch), Abweichung ± 0,5 (0,02)  
All Dimensions in Millimeter (Inch), Deviation ± 0,5 (0,02)

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



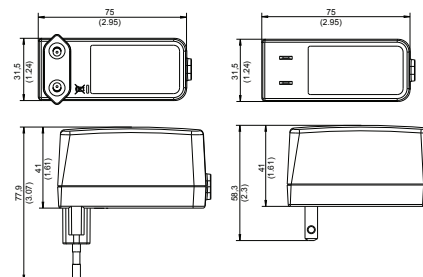
Alle Abmessungen in Millimeter (Inch), Abweichung ± 0,5 (0,02)  
All Dimensions in Millimeter (Inch), Deviation ± 0,5 (0,02)

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