Switchmode power supplies

INDUSTRIAL / I. T. E.

with interchangeable adapter system.
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 ± 10 %
Frequency	50 – 60 Hz
Input current	160 – 80 mA (FOX6-X)
	250 mA (FOX12-X)
Leakage current	≤ 10 µA (FOX6-X)
	≤ 200 µA (FOX12-X)
Output voltage tolerance	± 5 %
Turn-on delay	≤ 2 s
Stand-by	≤ 0.1 W
Efficiency (typ. full load)	≥ 80 % (FOX6-X)
	≥ 83 % (FOX12-X)
MTBF	200.000 h

Environmental specifications

Operating temperature	0 – 45° C (FOX 6-X)
	0 – 40° C (FOX 12-X)
Humidity	10 – 95 %
Storage temperature	-40 – 70° C
Operating altitude	2000 m

Safety specifications

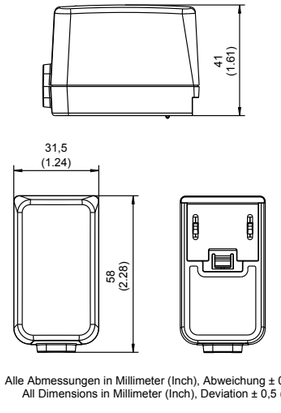
Standards	IEC 60950, IEC 60065, IEC 60335-1
Approvals	EU, USA, AUS, JPN
Safety class	II
EMC	EN 55022, EN 55024

Mechanical data

Dimensions	55.0 x 31.5 x 41.0 mm (FOX6-X)
	75.0 x 31.5 x 41.0 mm (FOX12-X)
Weight	112 g (FOX6-X)
	127 g (FOX12-X)
Connectors	AC input: Interchangeable primary adapter system
	DC output: Secondary adapter system

FOX6-X

FW8002

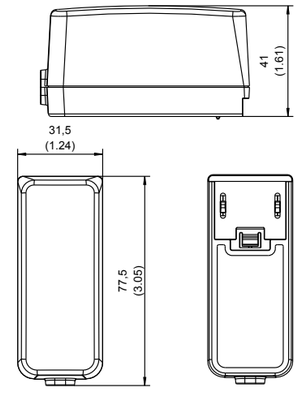


Alle Abmessungen in Millimeter (Inch), Abweichung ± 0,5 (0.02)
All Dimensions in Millimeter (Inch), Deviation ± 0,5 (0.02)

Output data			Worldwide
Voltage	Current	Ripple voltage	Article no.
5 V	1400 mA	180 mV pp	1898106
5.9 V	1200 mA	150 mV pp	1898107
7.5 V	800 mA	150 mV pp	1898108
9 V	800 mA	150 mV pp	1898109
12 V	600 mA	200 mV pp	1898110
15 V	500 mA	200 mV pp	1898111
18 V	400 mA	180 mV pp	1898112
24 V	300 mA	240 mV pp	1898113
48 V	125 mA	480 mV pp	1898114

FOX12-X

FW8000



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	100 mV pp	1898115
6 V	2000 mA	100 mV pp	1898116
7.5 V	1600 mA	100 mV pp	1898117
9 V	1300 mA	100 mV pp	1898118
12 V	1000 mA	100 mV pp	1897510
15 V	800 mA	100 mV pp	1898120
18 V	660 mA	100 mV pp	1898121
24 V	500 mA	100 mV pp	1898122
48 V	125 mA	150 mV pp	1898123

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