FPP-01

AC Filter for PCB Mounting Cost Optimized

Standard- or Medical-Filter



Description

- Chassis:
  PCB Mounting, from top
- Line filter in standard and medical version, 1-stage, standard attenuation
- For PCB-mounting or quick connect terminals
- Excellent price/perfomance ratio

Approvals

- VDE Certificate Number: 40004673
- UL File Number: E72928

Characteristics

- Cost-saving plastic housing
  Designed for standard applications
- Protection against interference voltage from the mains
  Possible interferences generated in the equipment are strongly attenuated
- For standard applications
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request

- Version with wire connection
- Medical version M80

References

Alternative: Standard version

Weblinks

pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

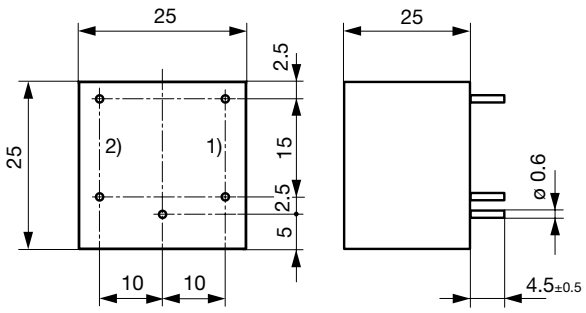
Technical Data

Ratings IEC	0.6 - 6 A @ Ta 40 °C / 250 VAC; 50 Hz
Ratings UL/CSA	0.6 - 6 A @ Ta 40 °C / 125 VAC; 60 Hz
Leakage Current	standard < 0.25 mA (250 V / 60 Hz) medical < 5 µA (250 V / 60 Hz)
Dielectric Strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)
Allowable Operation Temp.	-25 °C to 85 °C
Climatic Category	25/085/21 acc. to IEC 60068-1
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	For PCB mounting , tin-plated
Material: Housing	Thermoplastic, black, UL 94V-0

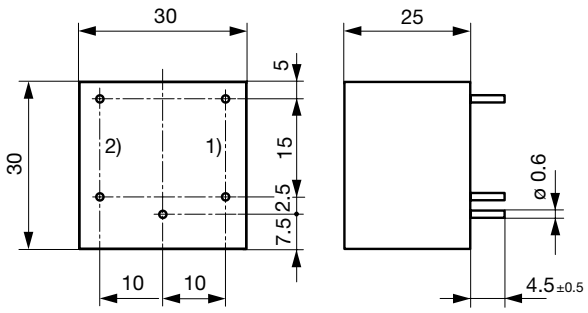
Line Filter	Standard and Medical Version, IEC 60939, UL 1283, CSA C22.2 no. 8 Technical Details
MTBF	> 200'000 h acc. to MIL-HB-217 F

Dimension

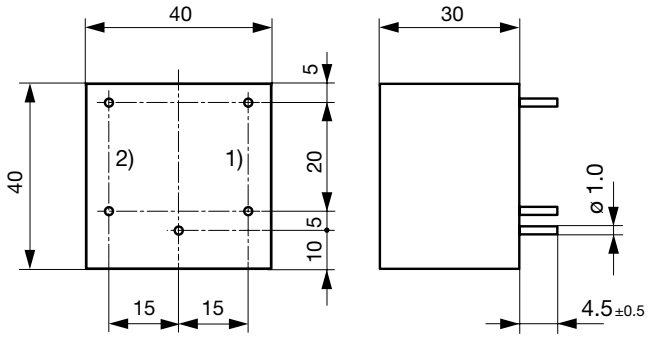
Case 13P



Case 18P



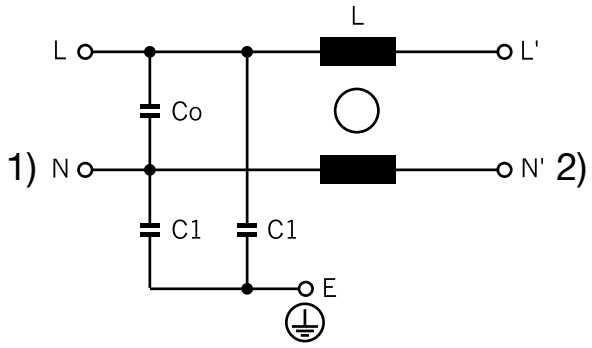
Case 24P



1) Line
2) Load

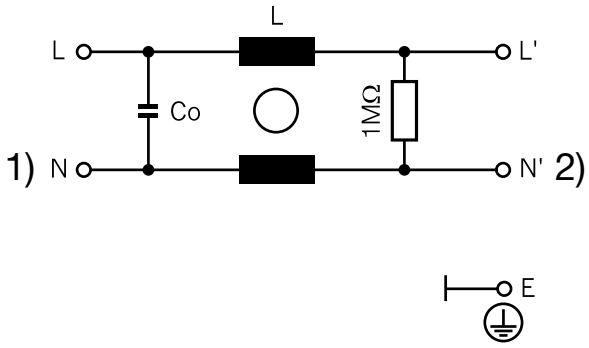
Diagrams

S1 standard version



1) Line
2) Load

S2 medical version



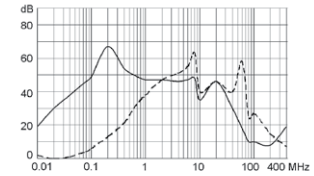
1) Line
2) Load

Attenuation Loss

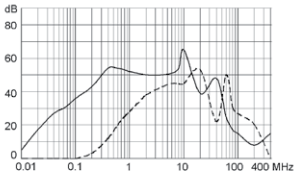
- - - - differential mode _____ common mode

Standard version

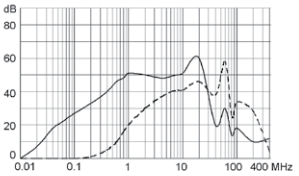
0.6 A



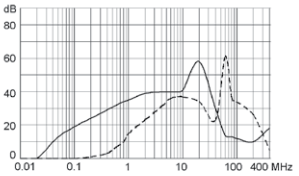
1 A



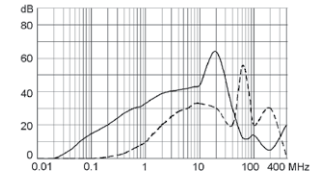
2 A



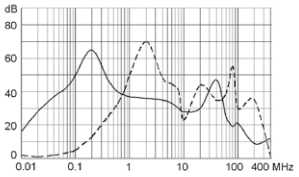
4 A



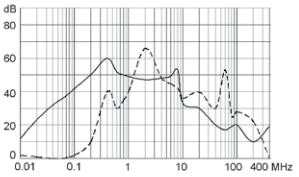
6 A



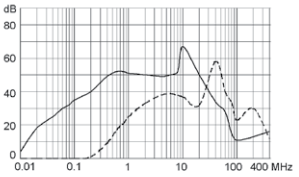
0.7 A



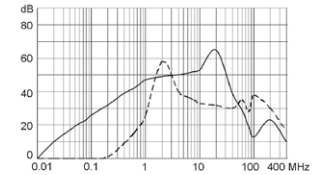
1 A



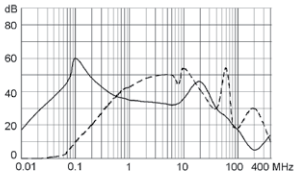
2 A



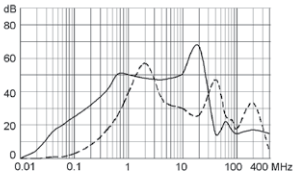
3 A



1 A

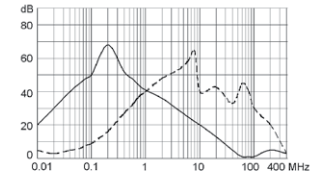


3 A

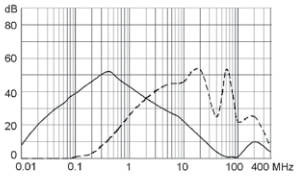


Medical version (M5)

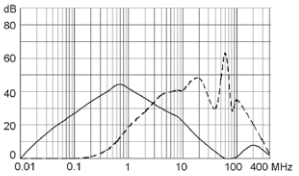
0.6 A



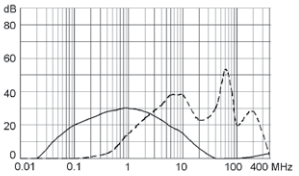
1 A



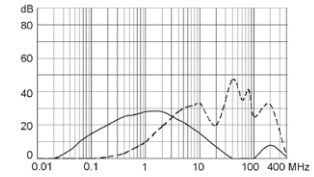
2 A



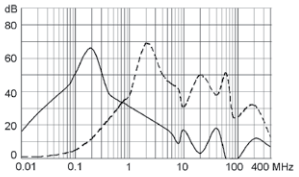
4 A



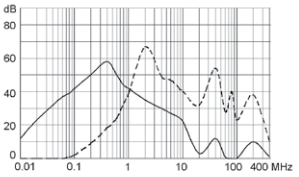
6 A



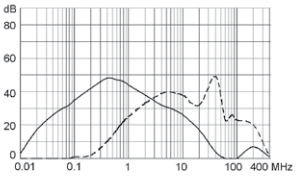
0.7 A



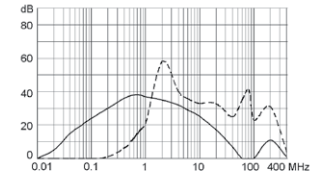
1 A



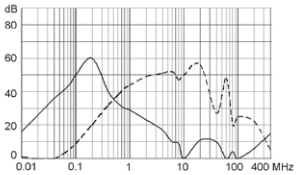
2 A



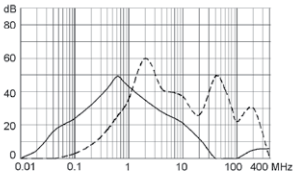
3 A



1 A



3 A



All Variants

Rated Current [A]	Filter-Type	L [mH]	Co / C2 (X2) [µF]	C1 (Y2) [nF]	Diagram	Weight [g]	Housing	Order Number
0.6	Standard Version	2 x 40	0.015	2.2	S1	27 g	13P	5500.2000
1	Standard Version	2 x 10	0.015	2.2	S1	27 g	13P	5500.2001
2	Standard Version	2 x 4	0.015	2.2	S1	27 g	13P	5500.2002
4	Standard Version	2 x 1.5	0.015	2.2	S1	27 g	13P	5500.2003
6	Standard Version	2 x 0.8	0.015	2.2	S1	35 g	13P	5500.2004
0.7	Standard Version	2 x 40	0.015	2.2	S1	32 g	18P	5500.2005
1	Standard Version	2 x 20	0.022	2.2	S1	32 g	18P	5500.2006
2	Standard Version	2 x 6	0.022	2.2	S1	32 g	18P	5500.2007
3	Standard Version	2 x 3	0.022	2.2	S1	32 g	18P	5500.2008
1	Standard Version	2 x 30	0.047	2.2	S1	78 g	24P	5500.2009
3	Standard Version	2 x 4	0.047	2.2	S1	78 g	24P	5500.2010
0.6	Medical Version (M5)	2 x 40	0.015	-	S2	35 g	13P	5500.2116
1	Medical Version (M5)	2 x 10	0.015	-	S2	35 g	13P	5500.2117
2	Medical Version (M5)	2 x 4	0.015	-	S2	25.5 g	13P	5500.2118
4	Medical Version (M5)	2 x 1.5	0.015	-	S2	35 g	13P	5500.2119
6	Medical Version (M5)	2 x 0.8	0.015	-	S2	35 g	13P	5500.2120
0.7	Medical Version (M5)	2 x 40	0.015	-	S2	45 g	18P	5500.2121
1	Medical Version (M5)	2 x 20	0.022	-	S2	45 g	18P	5500.2122
2	Medical Version (M5)	2 x 6	0.022	-	S2	45 g	18P	5500.2123
3	Medical Version (M5)	2 x 3	0.022	-	S2	45 g	18P	5500.2124
1	Medical Version (M5)	2 x 30	0.047	-	S2	78 g	24P	5500.2125
3	Medical Version (M5)	2 x 4	0.047	-	S2	78 g	24P	5500.2126

Most Popular.

Availability for all products can be searched real-time:http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Packaging unit 50 Pcs

04.03.2015

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.