

AC Filter Cost Optimized

Standard- or Medical-Filter



Description

- Line filter in standard and medical version
- 1-stage
- standard attenuation

Approvals

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

Characteristics

- Designed for standard applications
- Protection against interference voltage from the mains
Possible interferences generated in the equipment are strongly attenuated
- Suitable for use in equipment according to IEC/UL 60950
Suitable for use in medical equipment according to IEC/UL 60601-1

Other versions on request

- Version with ZNR-varistor for overvoltage protection

References

Alternative: Standard version

Weblinks

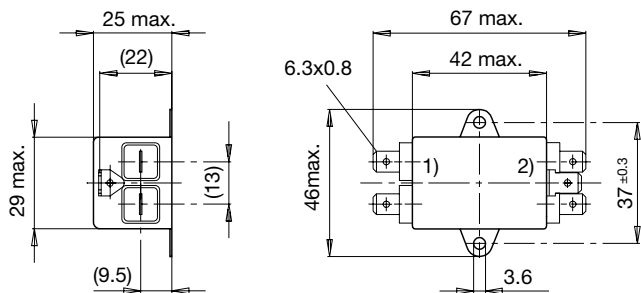
[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

Ratings IEC	1 - 10A @ Ta 40 °C / 250 VAC; 50Hz	Line Filter	Standard and Medical Version, IEC 60939, UL 1283, CSA C22.2 no. 8 Technical Details
Ratings UL/CSA	1 - 10A @ Ta 40 °C / 125 VAC; 60Hz		
Leakage Current	standard < 0.25 mA (250V / 60Hz)		
Dielectric Strength	1.7 kVDC between L-N 2.7 kVDC between L/N-PE Test voltage (2 sec)	MTBF	> 200'000h acc. to MIL-HB-217 F
Allowable Operation Temp.	-25 °C to 100 °C		
Climatic Category	25/100/21 acc. to IEC 60068-1		
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140		
Terminal	Quick connect terminals 6.3 x 0.8 mm		
Material: Housing	Aluminum		

Dimension

Case 41

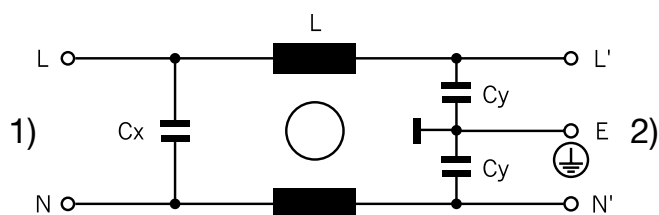


1) Line
2) Load

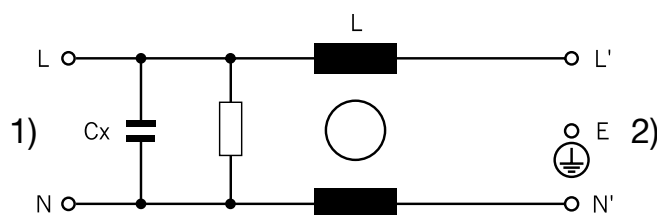
Diagrams

Standard version

Medical version (M5)

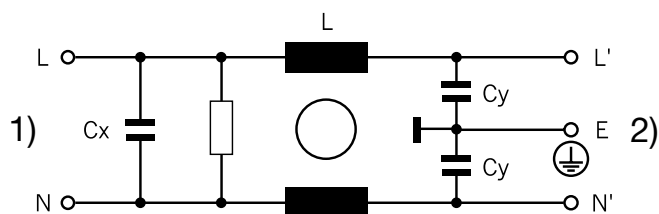


1) Line
2) Load



1) Line
2) Load

Medical version (M80)



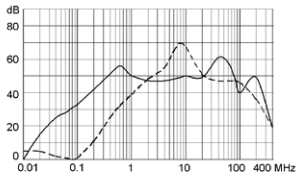
1) Line
2) Load

Attenuation Loss

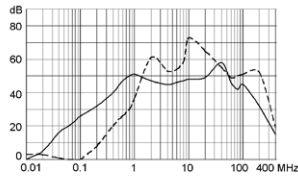
Standard version

----- 50Ω differential mode _____ 50Ω common mode

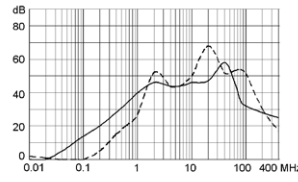
1 A



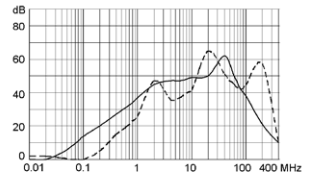
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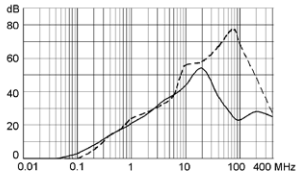
4 A



6 A

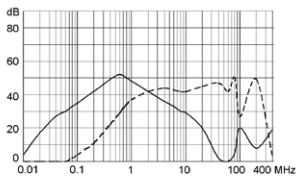


10 A

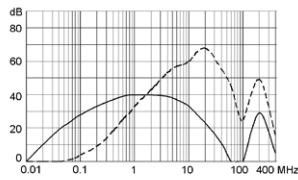


Medical version (M5)

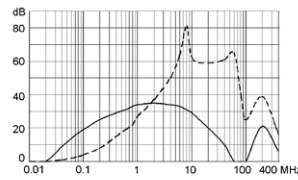
1 A



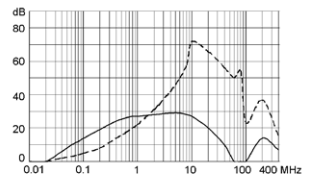
2 A



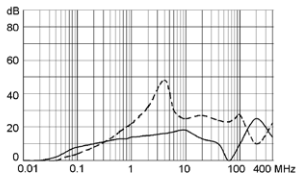
4 A



6 A

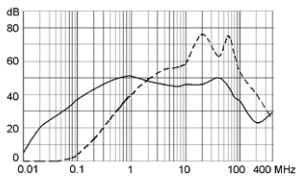


10 A

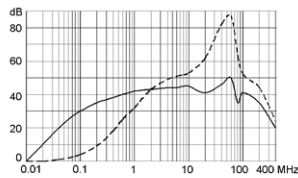


Medical version (M80)

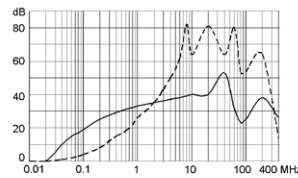
1 A



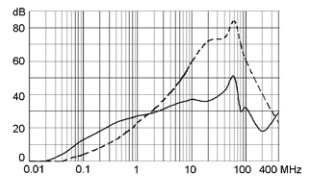
2 A



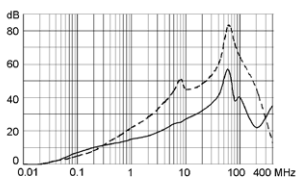
4 A



6 A



10 A



All Variants

Rated Current [A]	Filter-Type	Leakage Current [mA]	L [mH]	Cx (X2) [nF]	Cy (Y2) [nF]	Weight [g]	Housings	Order Number
1	Standard Version	0.25	2 x 10	68	2.2	50 g	41	5500.2026
2	Standard Version	0.25	2 x 4	68	2.2	50 g	41	5500.2027
4	Standard Version	0.25	2 x 1.5	68	2.2	50 g	41	5500.2028
6	Standard Version	0.25	2 x 0.8	68	2.2	65 g	41	5500.2029
10	Standard Version	0.25	2 x 0.3	68	2.2	65 g	41	5500.2030
1	Medical Version (M5)	0.005	2 x 10	68	-	50 g	41	5500.2077
2	Medical Version (M5)	0.005	2 x 4	68	-	50 g	41	5500.2078
4	Medical Version (M5)	0.005	2 x 1.5	68	-	50 g	41	5500.2079
6	Medical Version (M5)	0.005	2 x 0.8	68	-	65 g	41	5500.2080
10	Medical Version (M5)	0.005	2 x 0.3	68	-	65 g	41	5500.2081
1	Medical Version (M80)	0.08	2 x 10	68	0.47	50 g	41	5500.2089
2	Medical Version (M80)	0.08	2 x 4	68	0.47	50 g	41	5500.2090
4	Medical Version (M80)	0.08	2 x 1.5	68	0.47	50 g	41	5500.2091
6	Medical Version (M80)	0.08	2 x 0.8	68	0.47	65 g	41	5500.2092
10	Medical Version (M80)	0.08	2 x 0.3	68	0.47	65 g	41	5500.2093

Most Popular.

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

Packaging unit 25 Pcs