

AC Filter Cost Optimized

Standard- or Medical-Filter



Description

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

Approvals

- Approval Reference Type: FMLB
- 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](#), [Microsite](#)

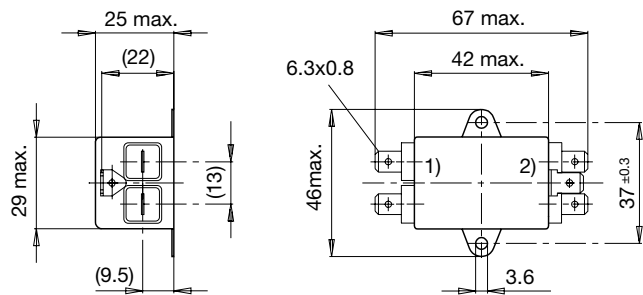
Technical Data

Ratings IEC	1 - 10A @ Ta 40 °C / 250 VAC; 50 Hz
Ratings UL/CSA	1 - 10A @ Ta 40 °C / 125 VAC; 60 Hz
Leakage Current	standard < 0.25 mA (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 Temperature	-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

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

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

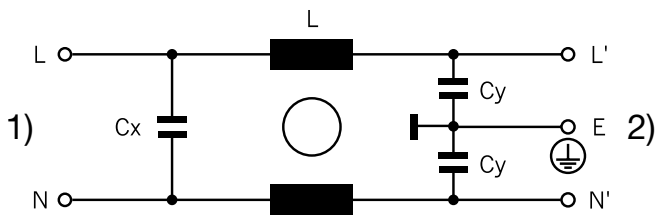
Dimension
Case 41



- 1) Line
- 2) Load

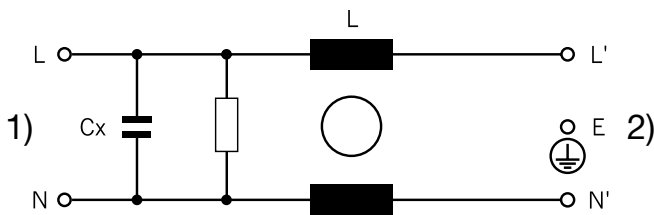
Diagrams

Standard version



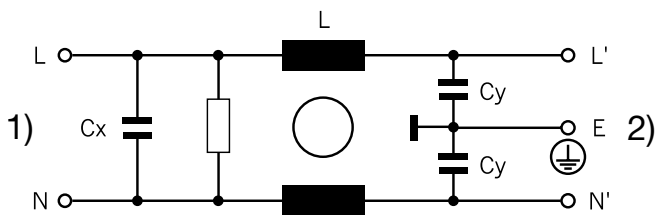
- 1) Line
- 2) Load

Medical version (M5)



- 1) Line
- 2) Load

Medical version (M80)



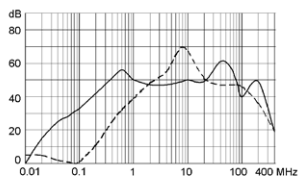
- 1) Line
- 2) Load

Attenuation Loss

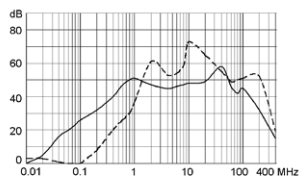
Standard version

--- 50Ω differential mode — 50Ω common mode

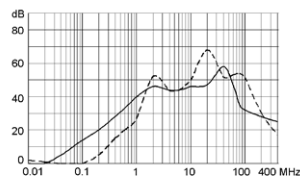
1 A



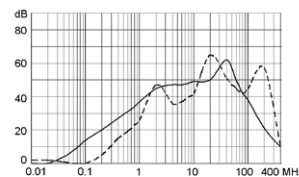
2 A



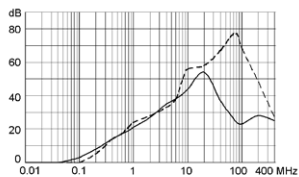
4 A



6 A

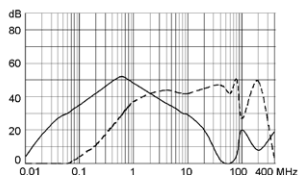


10 A

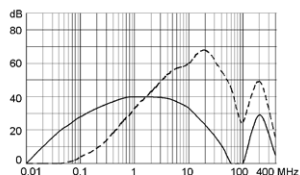


Medical version (M5)

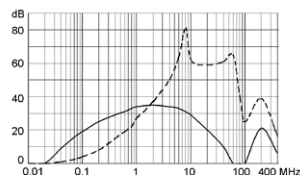
1 A



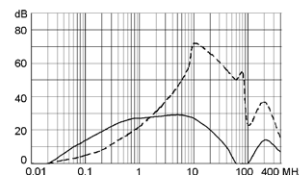
2 A



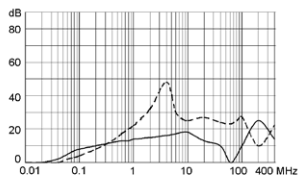
4 A



6 A

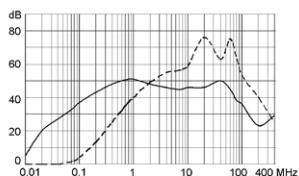


10 A

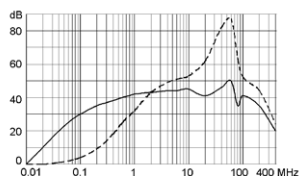


Medical version (M80)

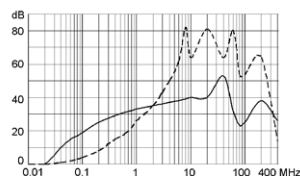
1 A



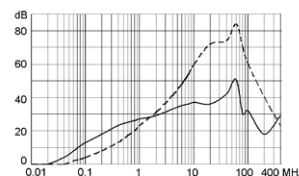
2 A



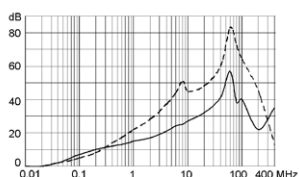
4 A



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/en/Stock-Check/Stock-Check-SCHURTER>**Packaging unit** 25 Pcs