

AC Filter Cost Optimized

Standard- or Medical-Filter



Description

- Chassis:
Screw-on mounting, from top
- Line filter in standard and medical version, 1-stage, standard attenuation
- Quick connect terminals 6.3 x 0.8 mm

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
- Qualified for use in equipment according IEC/EN 60950

Other versions on request

- Medical version M80
- Version with ZNR-varistor for overvoltage protection

References

Weblinks

[pdf](#), [html](#), [General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Accessories](#)

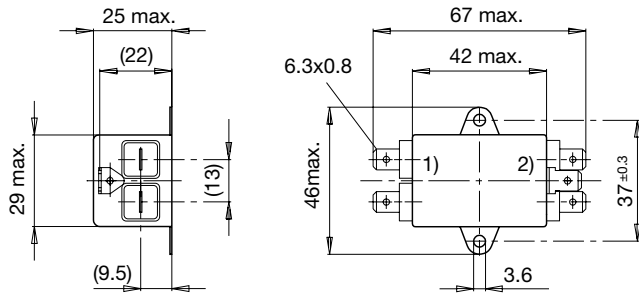
Technical Data

Ratings IEC	1 - 10A @ Ta 40 °C / 250VAC; 50Hz
Ratings UL/CSA	1 - 10A @ Ta 40 °C / 125VAC; 60Hz
Leakage Current	standard < 0.25mA (250V / 60Hz)
Dielectric Strength	> 1.7kVDC between L-N > 2.7kVDC between L/N-PE Test voltage (2 sec)
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 1 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, IEC 60601-1, UL 1283, UL 544, EN 133 200, CSA C22.2 no. 8 Technical details
MTBF	> 200'000h acc. to MIL-HB-217 F

Dimensions

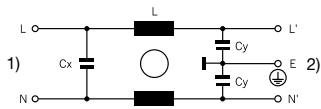
Case 41



- 1) Line
- 2) Load

Diagrams

Standard version



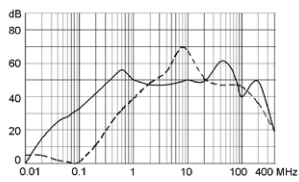
- 1) Line
- 2) Load

Attenuation Loss

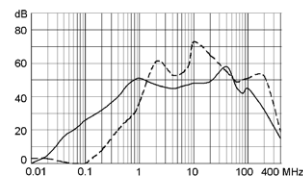
--- differential mode ____ common mode

Standard version

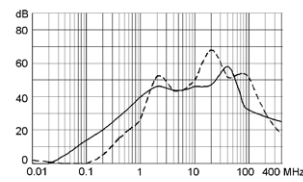
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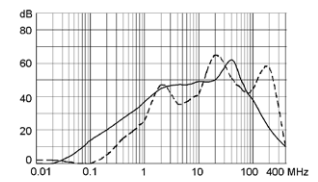
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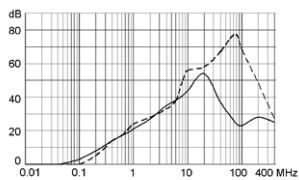
4 A



6 A

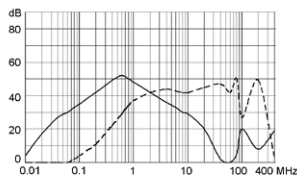


10 A

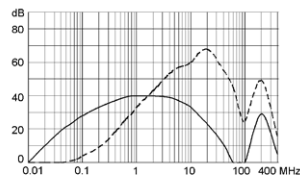


Medical version (M5)

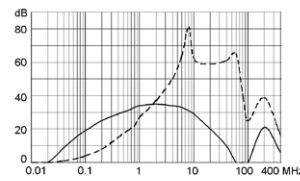
1 A



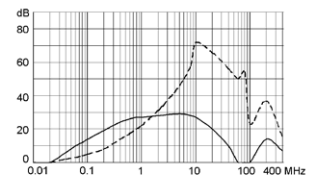
2 A



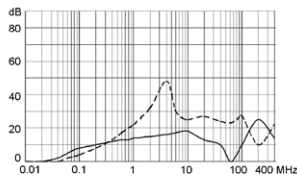
4 A



6 A



10 A



Variants

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

Packaging unit 25 Pcs