

Cost optimized 1-stage filter for 1-phase systems

Standard- or Medical-Filter



### Description

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

### Approvals

- VDE License Number: 40004673
- UL License 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

[General Product Information](#)

### Weblinks

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

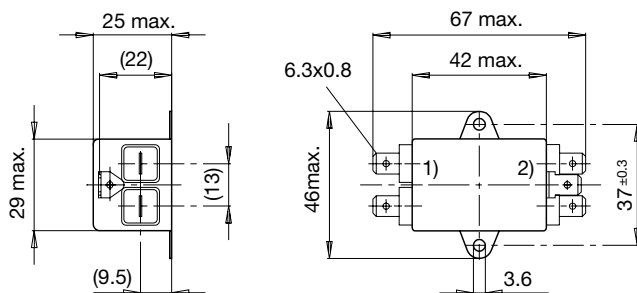
### Technical Data

Ratings IEC	1 - 10A @ Ta 40 °C / 250VAC; Hz 50
Ratings UL/CSA	1 - 10A @ Ta 40 °C / 125VAC; 60Hz
Leakage Current	standard < 0.25mA (250V / 60Hz)
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 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, IEC 60601-1, UL 1283, UL 544, EN 133 200, CSA C22.2 no. 8 <a href="#">Technical details</a>
MTBF	> 200'000h acc. to MIL-HB-217 F

### Dimensions

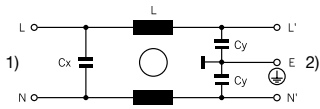
Case 41



- 1) Line
- 2) Load

## Diagrams

Standard version



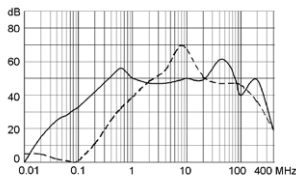
- 1) Line
- 2) Load

## Attenuation Loss

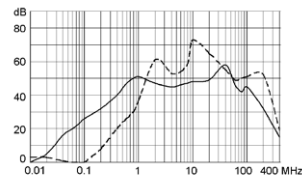
--- differential mode \_\_\_\_ common mode

Standard version

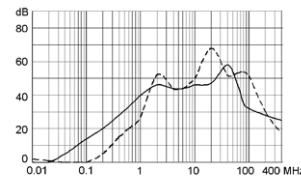
1 A



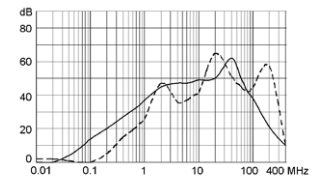
2 A



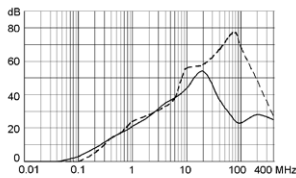
4 A



6 A

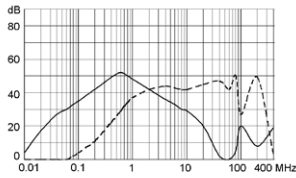


10 A

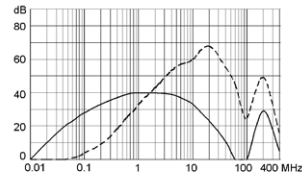


Medical version (M5)

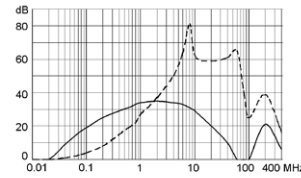
1 A



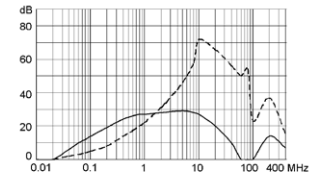
2 A



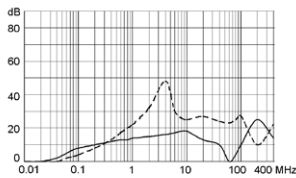
4 A



6 A



10 A



[Distributor-Stock-Check](#) | [SCHURTER-Stock-Check](#) | [e-Store](#)

## Variants

Distributor-Stock-Check | SCHURTER-Stock-Check | e-Store

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

Packaging unit 25 Pcs