

AC Filter, 2-Stufig, sehr breitbandige Dämpfung



new



Steckanschluss 6.3x0.8 mm
Gehäuse MF



Steckanschluss 6.3x0.8 mm
Gehäuse O9



Schraubanschluss M4
Gehäuse MB



Beschreibung

- Chassis:
Schraubbefestigung, von oben
- Netzfilter in standard und medial Ausführung, 2-stufig
- 3 Designs: Design C, Design D, Design F
- Steck-, Litzen- oder Schraubanschlüsse
- Hohe symmetrische und asymmetrische Einfügungswerte im Frequenzbereich von 100kHz bis 300MHz

Zulassungen

- VDE Ausweisnummer: 40030410
- UL Ausweisnummer: E72928

Merkmale

- Ausgelegt für Betriebsströme von 1 - 36 A
- Schutz gegen Störspannungen aus dem Netz
Im Gerät erzeugte Störspannungen werden stark abgeschwächt
- Speziell für Industrieanwendungen wie: Frequenzumformer, Schrittmotor-Antriebe, USV-Anlagen, Stromrichter
- Geeignet für den Einsatz in Geräten nach IEC/UL 60950

Weitere Ausführungen auf Anfrage

- Version mit Litzenanschlüssen

Referenzen

Alternativ: Standard Version

Weblinks

[pdf-Datenblatt](#), [html-Datenblatt](#), [Allgemeine Produktinformationen](#), [Zulassungen](#), [CE-Konformitätserklärung](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailanfrage zu Typ](#)

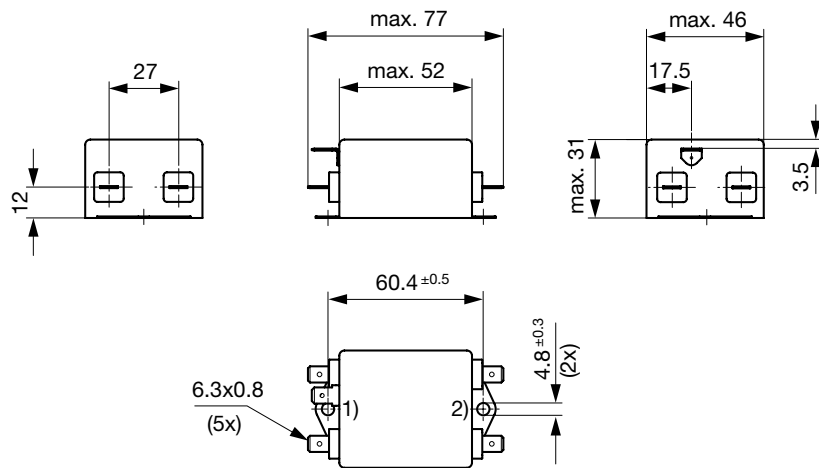
Technische Daten

Nenndaten IEC	1 - 36A @ Tu 40 °C / 250VAC; 50Hz
Nenndaten UL/CSA	1 - 30A @ Tu 40 °C / 125/250VAC; 60Hz
Ableitstrom	standard < 0.5 mA (250 V / 60Hz) medizinal (M5) < 5 µA bzw. (M80) < 80 µA (250 V / 60 Hz)
Spannungsfestigkeit	1.7 kVDC zwischen L-N 2.75 kVDC zwischen L/N-PE Prüfspannung (2 sec)
Zulässige Betriebstemp.	-25 °C bis 100 °C
Klimakategorie	25/100/21 gemäss IEC 60068-1
Schutzgrad	von Rückseite IP 20 IEC 60529
Schutzklasse	Geeignet für Geräte der Schutzklasse I nach IEC 61140
Anschluss	Steckanschluss 6.3 x 0.8 mm Schraubanschluss M4
Material: Gehäuse	Aluminium

Netzfilter	Standard Version, IEC 60939, UL 1283 Ed.5, CSA C22.2 no. 8 Technische Details
MTBF	> 200'000h nach MIL-HB-217 F

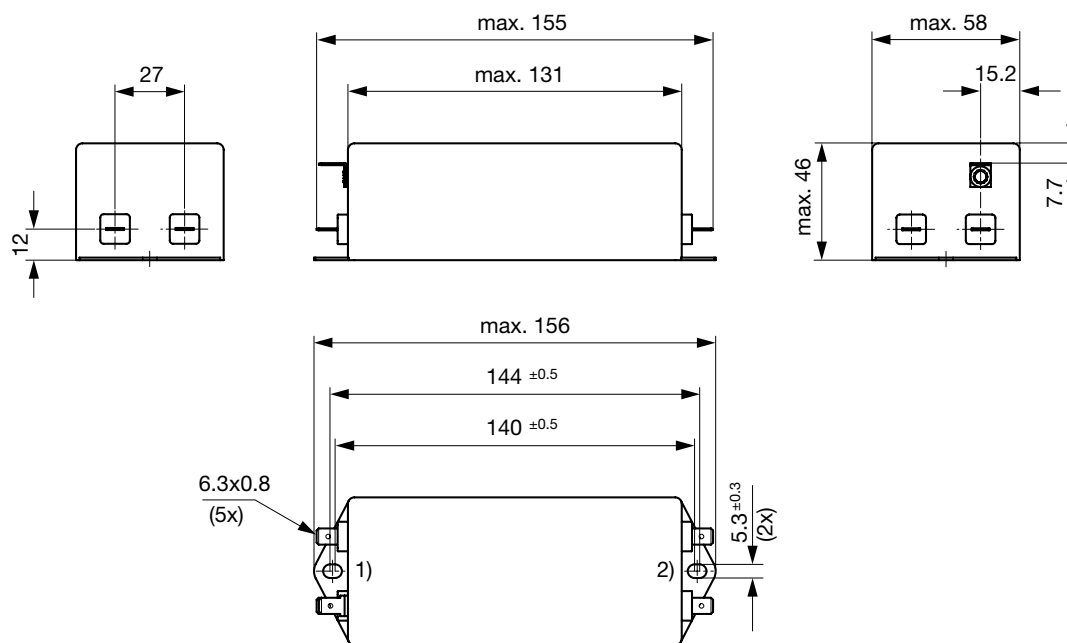
Abmessung

Gehäuse 09 mit Steckanschlüssen



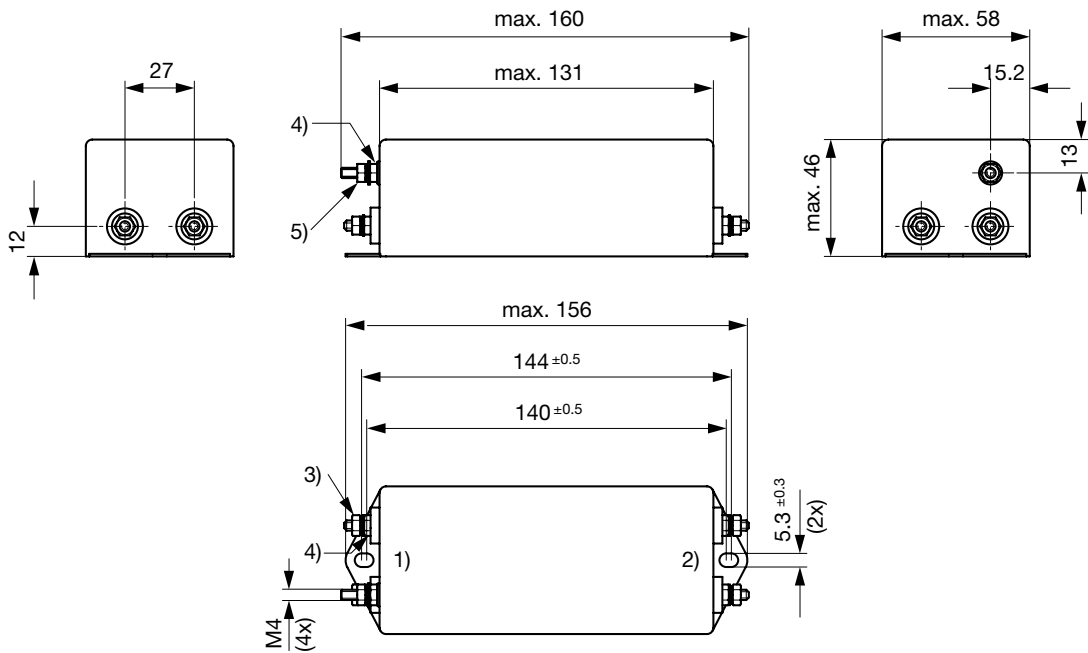
- 1) Netz
- 2) Last

Gehäuse MB mit Steckanschlüssen



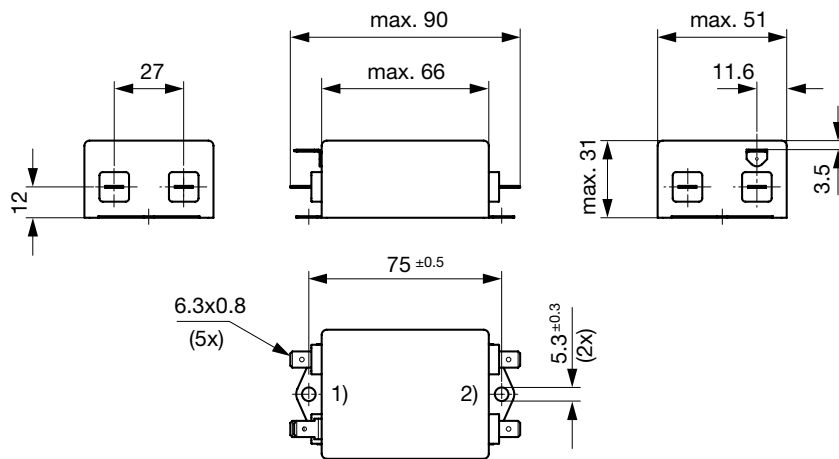
- 1) Netz
- 2) Last

Gehäuse MB mit Schraubanschlüssen M4



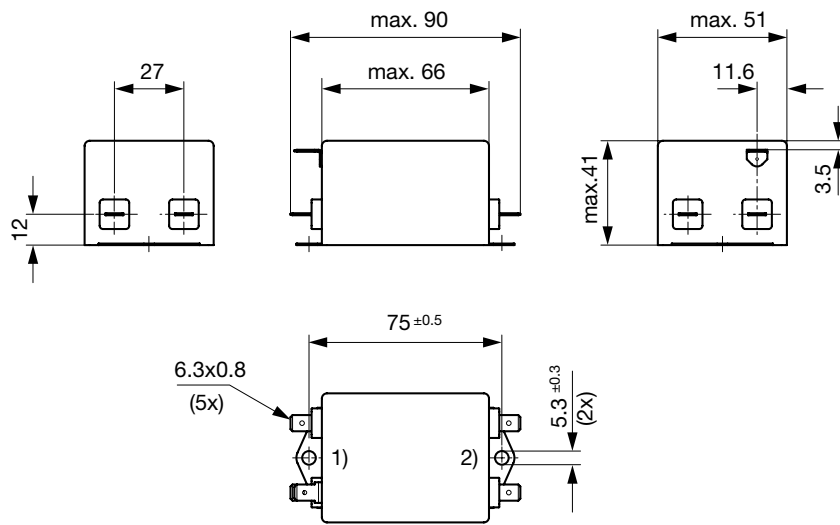
- 1) Netz
- 2) Last
- 3) Anziehdrehmoment 0.8...1 Nm, Kontermutter festhalten
- 4) Kontermutter nicht lösen
- 5) PE; M4x16; 1.2...1.5 Nm, Kontermutter festhalten

Gehäuse MC mit Steckanschlüssen



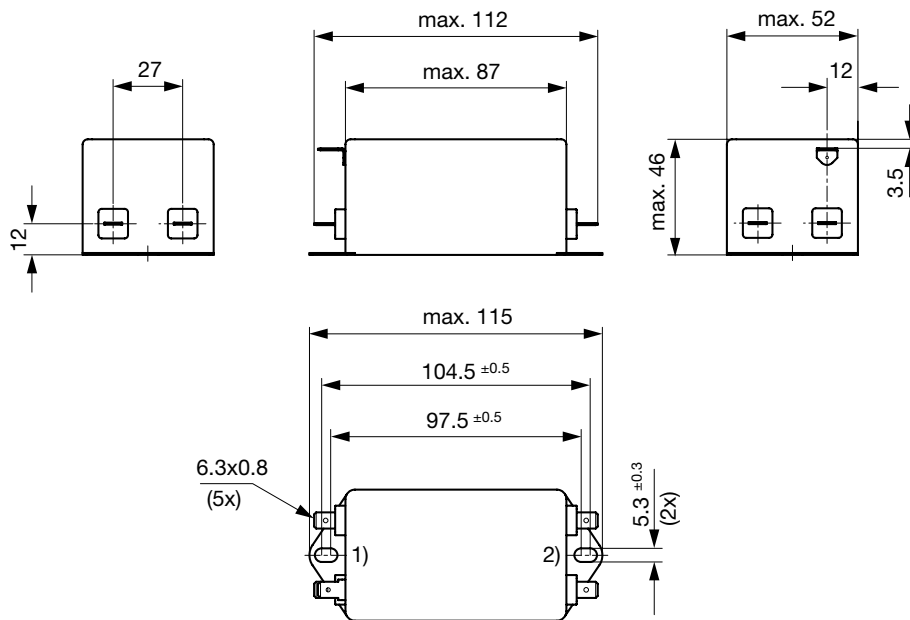
- 1) Netz
- 2) Last

Gehäuse MD mit Steckanschlüssen



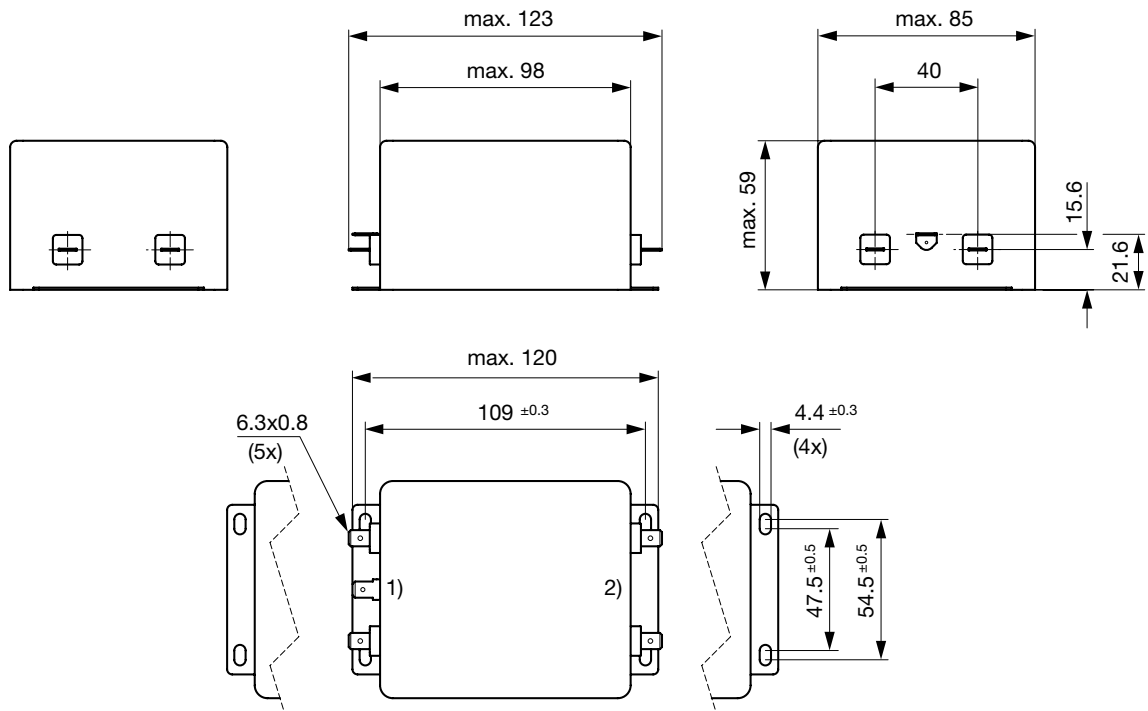
- 1) Netz
- 2) Last

Gehäuse ME mit Steckanschlüssen



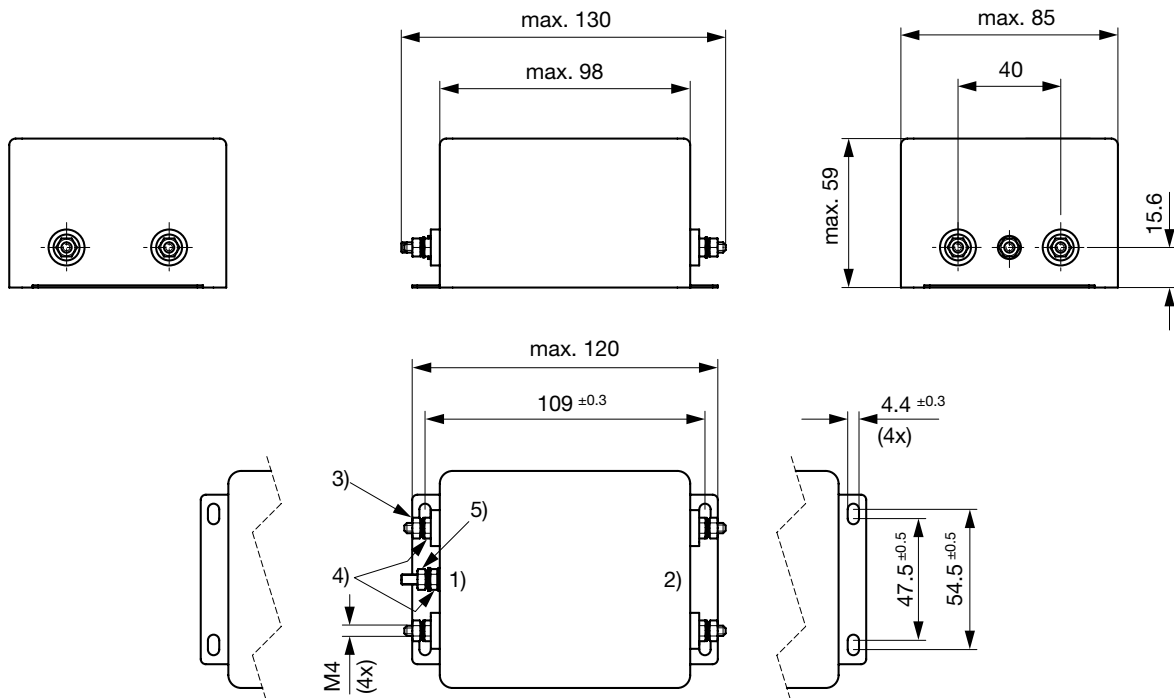
- 1) Netz
- 2) Last

Gehäuse MF mit Steckanschlüssen



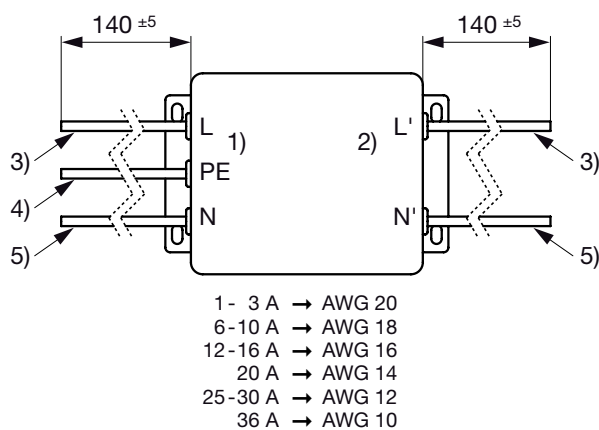
- 1) Netz
- 2) Last

Gehäuse MF mit Schraubanschlüssen M4



- 1) Netz
- 2) Last
- 3) Anziehdrehmoment 0.8...1 Nm, Kontermutter festhalten
- 4) Kontermutter nicht lösen
- 5) PE; M4x16; 1.2...1.5 Nm, Kontermutter festhalten

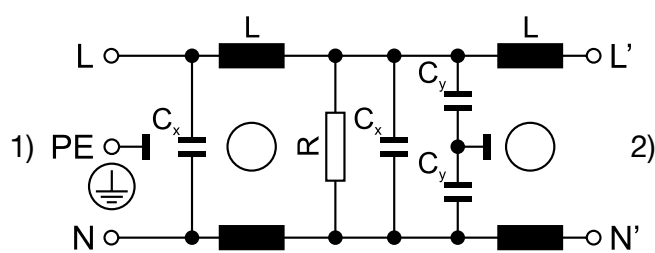
Gehäuse mit Litzen



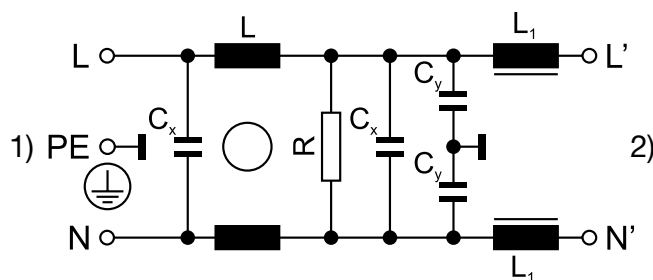
- 1) Netz
- 2) Last
- 3) Braun
- 4) Gelb-Grün
- 5) Blau

Schaltbilder

Design C und D



Design F

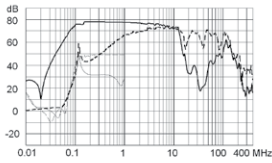


- 1) Netz, 2) Last
- Entladewiderstand $R = 1 \text{ M}\Omega$
- Medizinal (M5) ohne C_y

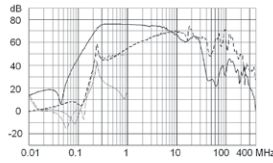
Einfügungsdämpfungen

Standard Version

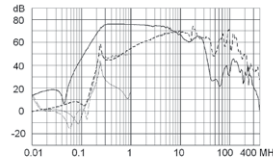
1 A / Design C



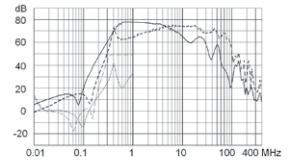
3 A / Design C



6 A / Design C

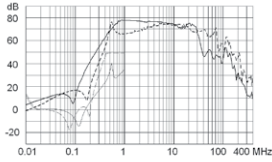


10 A / Design C

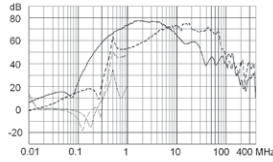


. 0.1/100Ω symmetrisch 100/0.1Ω symmetrisch - - - symmetrisch ____ asymmetrisch

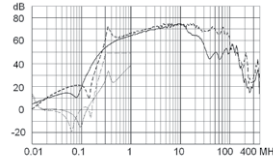
12 A / Design C



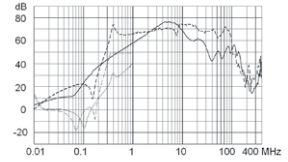
16 A / Design C



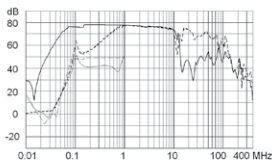
20 A / Design C



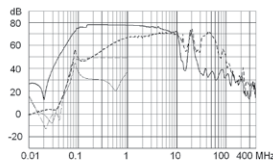
30 A / Design C



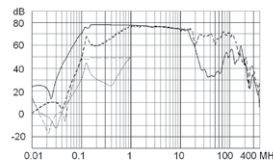
1 A / Design D



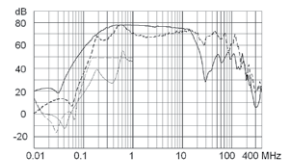
3 A / Design D



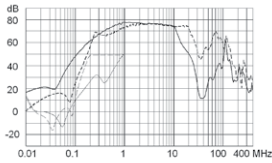
6 A / Design D



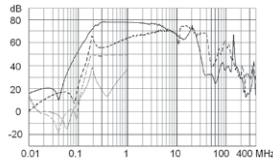
10 A / Design D



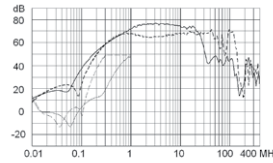
12 A / Design D



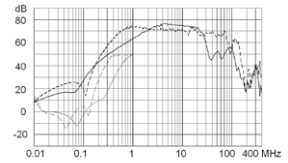
16 A / Design D



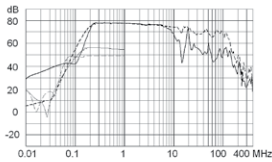
25 A / Design D



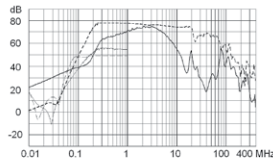
36 A / Design D



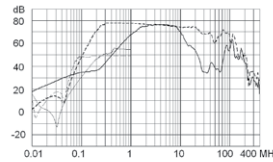
1 A / Design F



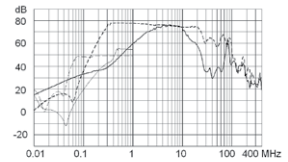
3 A / Design F



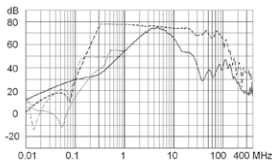
6 A / Design F



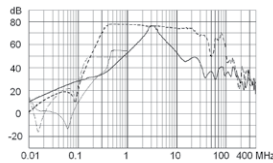
10 A / Design F



12 A / Design F

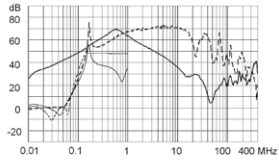


16 A / Design F

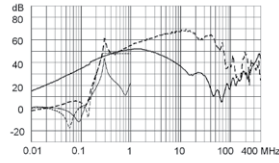


Medizinal Version (M5)

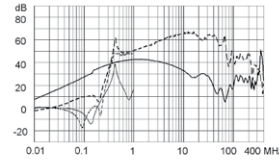
1 A / Design C



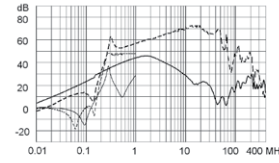
3 A / Design C



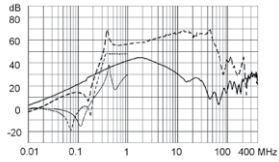
6 A / Design C



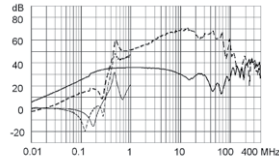
10 A / Design C



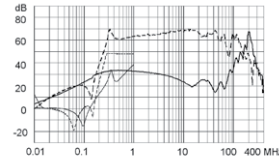
12 A / Design C



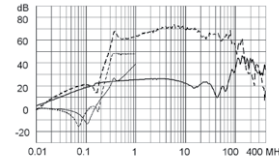
16 A / Design C



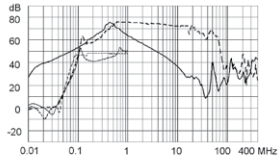
20 A / Design C



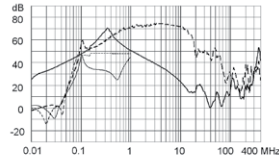
30 A / Design C



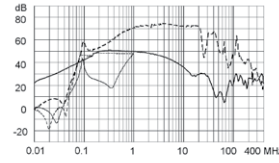
1 A / Design D



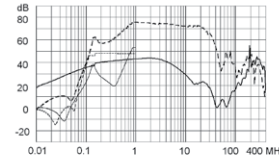
3 A / Design D



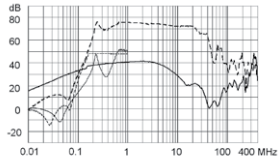
6 A / Design D



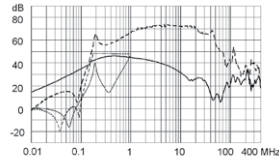
10 A / Design D



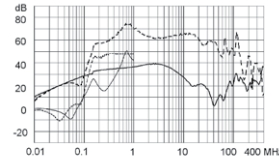
12 A / Design D



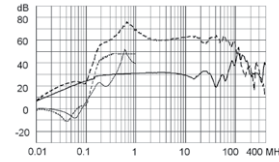
16 A / Design D



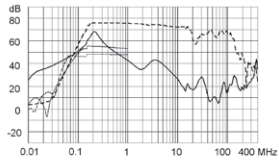
25 A / Design D



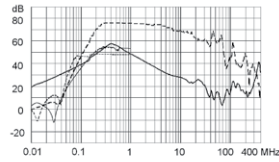
36 A / Design D



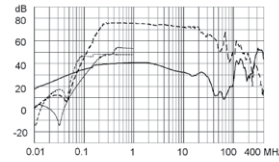
1 A / Design F



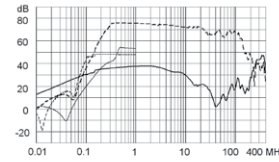
3 A / Design F



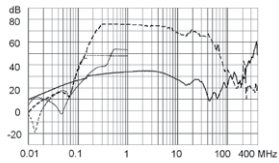
6 A / Design F



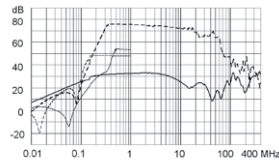
10 A / Design F



12 A / Design F

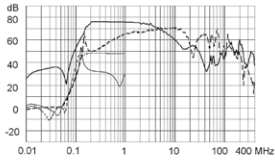


16 A / Design F

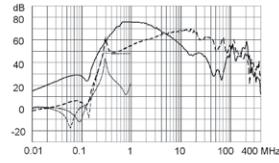


Medizinal Version (M80)

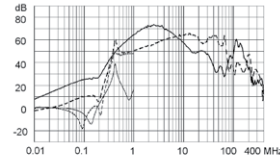
1 A / Design C



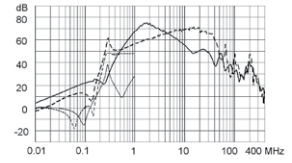
3 A / Design C



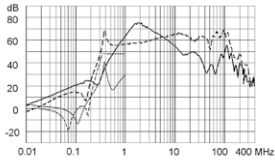
6 A / Design C



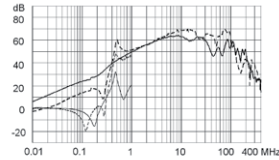
10 A / Design C



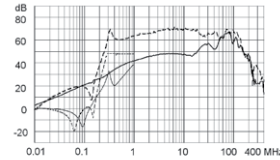
12 A / Design C



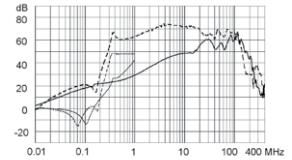
16 A / Design C



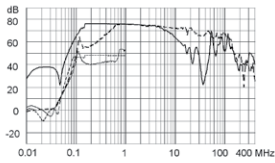
20 A / Design C



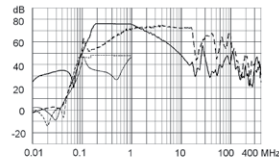
30 A / Design C



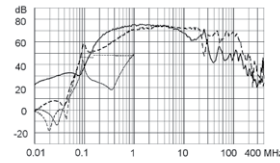
1 A / Design D



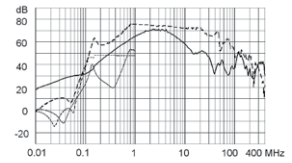
3 A / Design D



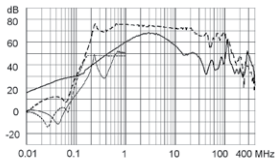
6 A / Design D



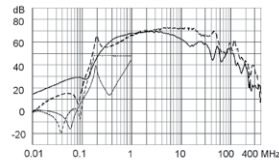
10 A / Design D



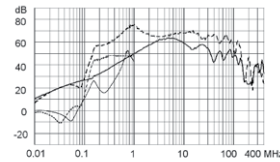
12 A / Design D



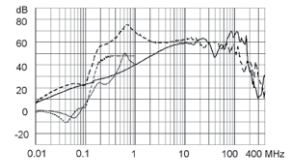
16 A / Design D



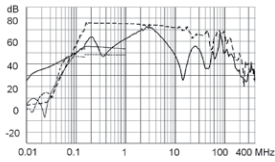
25 A / Design D



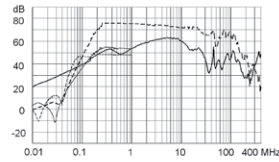
36 A / Design D



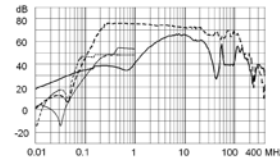
1 A / Design F



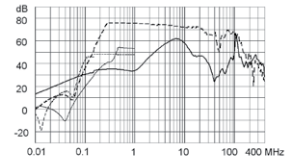
3 A / Design F



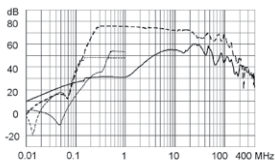
6 A / Design F



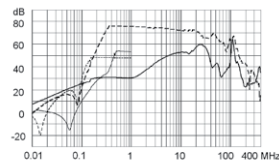
10 A / Design F



12 A / Design F



16 A / Design F



Alle Varianten

Nennstrom	Filter-Typ	Anschluss	Design	L	L1	Cx	Cy	Ri	Verlustleistung	Gewicht	Gehäuse	Verpackung	Bestell-Nummer
[A]				[mH]	[mH]	[µF]	[nF]	[mΩ]	[W]	[g]		[ST]	
1	Standard	Steckanschluss 6.3 x 0.8 mm	C	12	-	0.22	4.7	945	1.9	125 g	09	10	5500.2600.01
3	Standard	Steckanschluss 6.3 x 0.8 mm	C	2.5	-	0.22	4.7	120	2.2	130 g	09	10	5500.2601.01
6	Standard	Steckanschluss 6.3 x 0.8 mm	C	0.97	-	0.22	4.7	26.2	1.9	130 g	09	10	5500.2602.01
10	Standard	Steckanschluss 6.3 x 0.8 mm	C	0.8	-	0.47	4.7	12.9	2.6	200 g	MC	10	5500.2603.01
12	Standard	Steckanschluss 6.3 x 0.8 mm	C	0.58	-	0.47	4.7	10.1	2.9	200 g	MC	10	5500.2604.01
16	Standard	Steckanschluss 6.3 x 0.8 mm	C	0.65	-	0.33	4.7	8	4.1	265 g	MD	10	5500.2605.01
20	Standard	Steckanschluss 6.3 x 0.8 mm	C	0.6	-	1	4.7	4.6	3.7	390 g	ME	5	5500.2606.01
30	Standard	Schraubanschluss M4	C	0.6	-	1	10	2.5	4.5	855 g	MF	3	5500.2607.03
1	Standard	Steckanschluss 6.3 x 0.8 mm	D	22	-	0.33	4.7	1320	2.7	165 g	MC	10	5500.2610.01
3	Standard	Steckanschluss 6.3 x 0.8 mm	D	9.8	-	0.47	4.7	226	4.1	225 g	MD	10	5500.2611.01
6	Standard	Steckanschluss 6.3 x 0.8 mm	D	7.8	-	1	4.7	55.4	4	350 g	ME	5	5500.2612.01

Nennstrom	Filter-Typ	Anschluss	Design	L	L1	Cx	Cy	Ri	Verlustleistung	Gewicht	Gehäuse	Verpackung	Bestell-Nummer
[A]				[mH]	[mH]	[µF]	[nF]	[mΩ]	[W]	[g]		[ST]	
10	Standard	Steckanschluss 6.3 x 0.8 mm	D	4.5	-	1	4.7	23.6	4.7	625g	MB	4	5500.2613.01
12	Standard	Steckanschluss 6.3 x 0.8 mm	D	3.25	-	1	4.7	16	4.6	630g	MB	4	5500.2614.01
16	Standard	Steckanschluss 6.3 x 0.8 mm	D	2.8	-	1	4.7	10.9	5.6	826g	MF	3	5500.2615.01
25	Standard	Schraubanschluss M4	D	2.0	-	2.2	4.7	4.8	6	830g	MB	4	5500.2616.03
36	Standard	Schraubanschluss M4	D	1.23	-	2.2	4.7	3.3	8.5	810g	MB	4	5500.2617.03
1	Standard	Steckanschluss 6.3 x 0.8 mm	F	22	0.49	0.33	4.7	1200	2.4	180g	MC	10	5500.2620.01
3	Standard	Steckanschluss 6.3 x 0.8 mm	F	9.8	0.16	0.47	4.7	194	3.5	240g	MD	10	5500.2621.01
6	Standard	Steckanschluss 6.3 x 0.8 mm	F	7.8	0.11	1	4.7	60	4.3	400g	ME	5	5500.2622.01
10	Standard	Steckanschluss 6.3 x 0.8 mm	F	4.5	0.06	1	4.7	21	4.2	645g	MB	4	5500.2623.01
12	Standard	Steckanschluss 6.3 x 0.8 mm	F	3.25	0.05	1	4.7	14.6	4.2	695g	MB	4	5500.2624.01
16	Standard	Steckanschluss 6.3 x 0.8 mm	F	2.8	0.043	1	4.7	13.7	7	950g	MF	3	5500.2625.01
1	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	C	12	-	0.22	-	945	1.9	125g	09	10	5500.2600.04
3	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	C	2.5	-	0.22	-	120	2.2	130g	09	10	5500.2601.04
6	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	C	0.97	-	0.22	-	26.2	1.9	130g	09	10	5500.2602.04
10	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	C	0.8	-	0.47	-	12.9	2.6	200g	MC	10	5500.2603.04
12	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	C	0.58	-	0.47	-	10.1	2.9	200g	MC	10	5500.2604.04
16	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	C	0.65	-	0.33	-	8	4.1	265g	MD	10	5500.2605.04
20	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	C	0.6	-	1	-	4.6	3.7	390g	ME	5	5500.2606.04
30	Medizinal (M5)	Schraubanschluss M4	C	0.6	-	1	-	2.5	4.5	855g	MF	3	5500.2607.06
1	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	D	22	-	0.33	-	1320	2.7	165g	MC	10	5500.2610.04
3	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	D	9.8	-	0.47	-	226	4.1	225g	MD	10	5500.2611.04
6	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	D	7.8	-	1	-	55.4	4	350g	ME	5	5500.2612.04
10	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	D	4.5	-	1	-	23.6	4.7	625g	MB	4	5500.2613.04
12	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	D	3.25	-	1	-	16	4.6	630g	MB	4	5500.2614.04
16	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	D	2.8	-	1	-	10.9	5.6	826g	MF	3	5500.2615.04
25	Medizinal (M5)	Schraubanschluss M4	D	2.0	-	2.2	-	4.8	6	830g	MB	4	5500.2616.06
36	Medizinal (M5)	Schraubanschluss M4	D	1.23	-	2.2	-	3.3	8.5	810g	MB	4	5500.2617.06
1	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	F	22	0.49	0.33	-	1200	2.4	180g	MC	10	5500.2620.04
3	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	F	9.8	0.16	0.47	-	194	3.5	240g	MD	10	5500.2621.04
6	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	F	7.8	0.11	1	-	60	4.3	400g	ME	5	5500.2622.04
10	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	F	4.5	0.06	1	-	21	4.2	645g	MB	4	5500.2623.04
12	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	F	3.25	0.05	1	-	14.6	4.2	695g	MB	4	5500.2624.04
16	Medizinal (M5)	Steckanschluss 6.3 x 0.8 mm	F	2.8	0.043	1	-	13.7	7	950g	MF	3	5500.2625.04
1	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	C	12	-	0.22	0.47	945	1.9	125g	09	10	5500.2600.07
3	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	C	2.5	-	0.22	0.47	120	2.2	130g	09	10	5500.2601.07
6	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	C	0.97	-	0.22	0.47	26.2	1.9	130g	09	10	5500.2602.07
10	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	C	0.8	-	0.47	0.47	12.9	2.6	200g	MC	10	5500.2603.07
12	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	C	0.58	-	0.47	0.47	10.1	2.9	200g	MC	10	5500.2604.07
16	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	C	0.65	-	0.33	0.47	8	4.1	265g	MD	10	5500.2605.07
20	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	C	0.6	-	1	0.47	4.6	3.7	390g	ME	5	5500.2606.07
30	Medizinal (M80)	Schraubanschluss M4	C	0.6	-	1	0.47	2.5	4.5	855g	MF	3	5500.2607.09
1	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	D	22	-	0.33	0.47	1320	2.7	165g	MC	10	5500.2610.07
3	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	D	9.8	-	0.47	0.47	226	4.1	225g	MD	10	5500.2611.07
6	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	D	7.8	-	1	0.47	55.4	4	350g	ME	5	5500.2612.07
10	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	D	4.5	-	1	0.47	23.6	4.7	625g	MB	4	5500.2613.07
12	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	D	3.25	-	1	0.47	16	4.6	630g	MB	4	5500.2614.07
16	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	D	2.8	-	1	0.47	10.9	5.6	826g	MF	3	5500.2615.07
25	Medizinal (M80)	Schraubanschluss M4	D	2.0	-	2.2	0.47	4.8	6	830g	MB	4	5500.2616.09
36	Medizinal (M80)	Schraubanschluss M4	D	1.23	-	2.2	0.47	3.3	8.5	810g	MB	4	5500.2617.09
1	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	F	22	0.49	0.33	0.47	1200	2.4	180g	MC	10	5500.2620.07
3	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	F	9.8	0.16	0.47	0.47	194	3.5	240g	MD	10	5500.2621.07
6	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	F	7.8	0.11	1	0.47	60	4.3	400g	ME	5	5500.2622.07
10	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	F	4.5	0.06	1	0.47	21	4.2	645g	MB	4	5500.2623.07
12	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	F	3.25	0.05	1	0.47	14.6	4.2	695g	MB	4	5500.2624.07

Nennstrom	Filter-Typ	Anschluss	Design	L	L1	Cx	Cy	Ri	Verlustleistung	Gewicht	Gehäuse	Verpackung	Bestell-Nummer
[A]				[mH]	[mH]	[μ F]	[nF]	[m Ω]	[W]	[g]		[ST]	
16	Medizinal (M80)	Steckanschluss 6.3 x 0.8 mm	F	2.8	0.043	1	0.47	13.7	7	950 g	MF	3	5500.2625.07

Oft verkauft.

Sie können die Verfügbarkeit all unserer Produkte in Echtzeit prüfen:<http://www.schurter.com/de/Stock-Check/Produktverfuegbarkeit-SCHURTER>

- Design
- C) Hohe symmetrische und asymmetrische Dämpfungsgüte
 - D) Excellente Dämpfung hoher Störfrequenzen
 - F) Excellente Dämpfung tiefer Störfrequenzen