

Line filter Type 5500

For PCB mount (used on the types FELCOM)



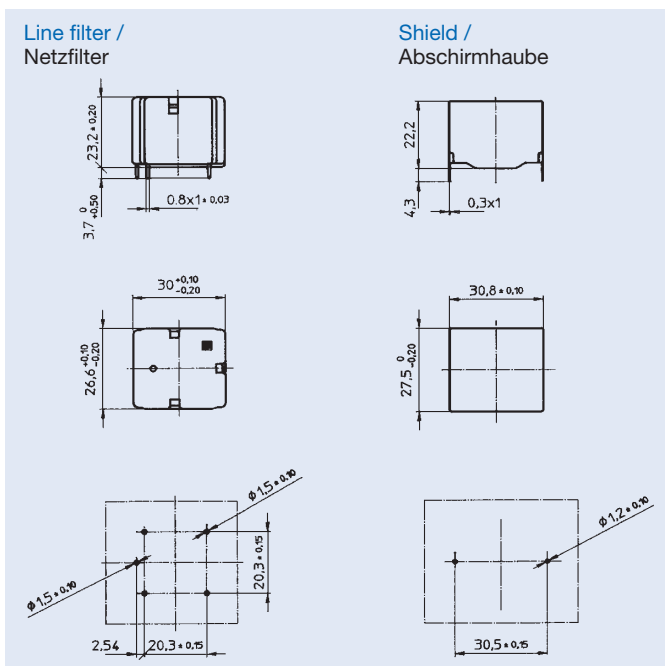
Characteristics

- Line filter with smallest dimensions
- Shield available separately (German silver)
- Qualified for use in equipment according to IEC/EN 60950

Technical data

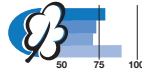
Rated voltage	125/250 VAC; 50/60 Hz
Rated currents	1-6 A @T _a 40 °C
Leakage current, Standard	< 0,5 mA (250 V/60 Hz)
Medical	< 5 µA (250 V/60Hz)
Test voltage (2 sec)	1,7 kVDC between L-N 2,7 kVDC between L/N-PE
Allowable ambient air temperatures T _a	-25 °C to +85 °C
Climatic category	25/085/21 acc. to IEC/EN 60068-1
Degree of protection (front-side)	IP40 acc. to IEC 60529
Protection class	suitable for equipment with prot. cl. I, acc. to IEC 61140
Terminals	for PCB
Line filter, standard and medical	acc.to IEC 60939, EN 133 200, UL 1283, CSA C22.2 no. 8 Technical details see page 202

Dimensions / Abmessungen



Netzfilter Typ 5500

Für Leiterplattenmontage (z. B. für die Typen FELCOM)



Standard or Medical filter / Standard- oder Medizinal-Filter



Merkmale

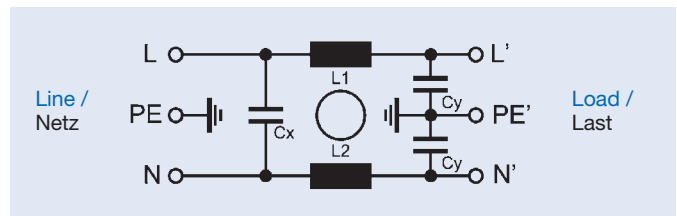
- Netzfilter mit kleinsten Abmessungen
- Abschirmhaube aus Neusilber separat erhältlich
- IEC/EN 60950 konform

Technische Daten

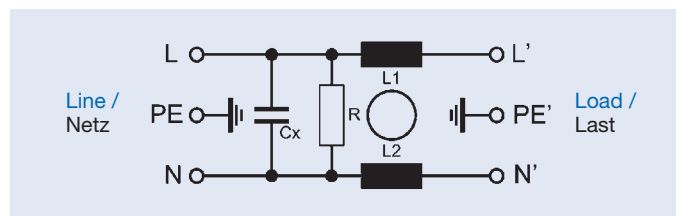
Nennspannung	125/250 VAC; 50/60 Hz
Nennstrom	1-6 A @T _a 40 °C
Ableitstrom, Standard	< 0,5 mA (250 V/60 Hz)
Medizinal	< 5 µA (250 V/60Hz)
Prüfspannung (2 sek)	1,7 kVDC zwischen L-N 2,7 kVDC zwischen L/N-PE
Zul. Umgebungstemperaturen T _u	-25 °C bis +85 °C
Klimakategorie	25/085/21 nach IEC/EN 60068-1
Schutzgrad von Frontseite	IP40 nach IEC 60529
Schutzklasse	geeignet für Geräte der Schutzklasse I nach IEC 61140
Anschlüsse	für Leiterplatten
Netzfilter, Standard und Medizinal	nach IEC 60939, EN 133 200, UL 1283, CSA C22.2 Nr. 8 Technische Details siehe Seite 202

Diagrams / Schaltbilder

Standard version / Standard Version



Medical version / Medizinal Version



Technical data of filter-components / Daten der Filter-Komponenten

Rated current / Nennstrom (A)	Filter-Type / Filter-Typ	Inductance / Induktivitäten L1/L2 (mH)	Capacitance / Kapazitäten		R (MΩ)
			CX (nF)	CY (nF)	
1	Standard / Standard	2 x 11	47	2 x 2,2	-
2		2 x 4			
4		2 x 1,6			
6		2 x 0,7			
1	Medical / Medizinal	2 x 11	47	-	1
2		2 x 4			
4		2 x 1,6			
6		2 x 0,7			

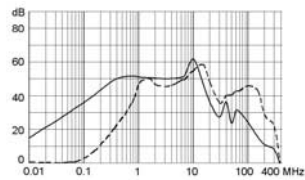
Attenuation loss / Einfügungsdämpfung

Standard version / Standard Version

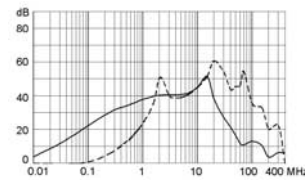
Medical version / Medizinal Version

differential mode symmetrisch
 common mode asymmetrisch

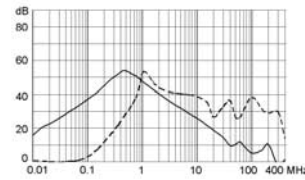
1 A



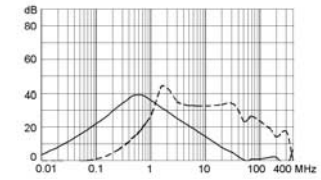
4 A



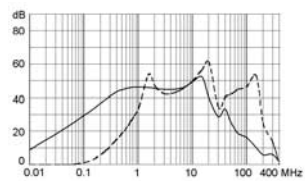
1 A



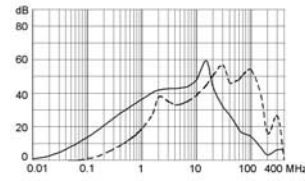
4 A



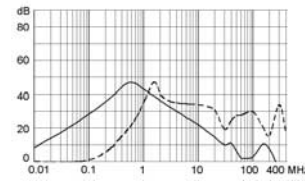
2 A



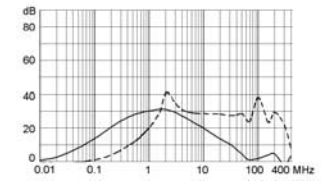
6 A



2 A



6 A



Order Numbers / Bestell-Nummern

Type / Typ	Order no / Bestell-Nr.	Rated current / Nennstrom	Filter-Type / Filter-Typ
5500	5500.0155.1	1 A	Standard / Standard
	5500.0255.1	2 A	
	5500.0455.1	4 A	
	5500.0655.1	6 A	
	5500.0155.3	1 A	
5500.0255.3	2 A		
5500.0455.3	4 A		
5500.0655.3	6 A		
Shield / Abschirmhaube	5500.0001		