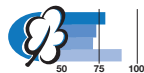


Line filter Type 5500

For PCB mount (used on the types FELCOM)

Standard or
Medical filter

Characteristics

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

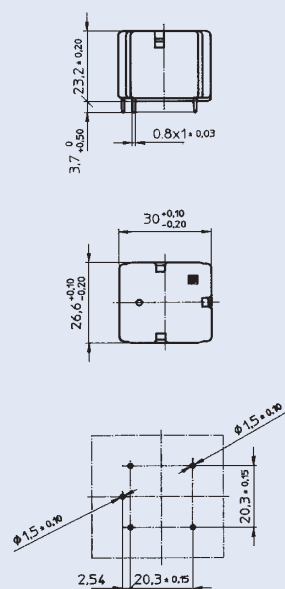
Technical data

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

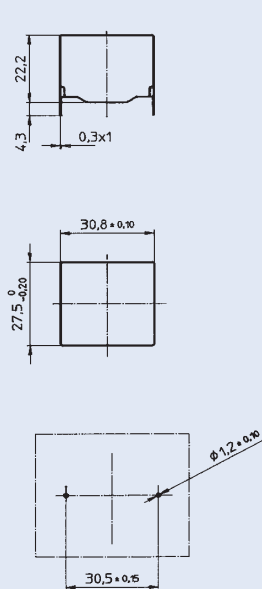
Line filter, standard and medical	acc.to IEC 60939, EN 133 200, UL 1283, CSA C22.2 no. 8 Technical details see page 202
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Dimensions

Line filter

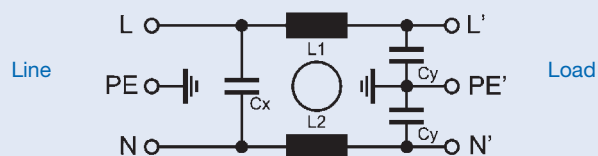


Shield

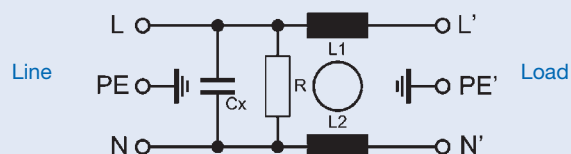


Diagrams

Standard version



Medical version



Technical data of filter-components

Rated current (A)	Filter-Type	Inductance L1/L2 (mH)	Capacitance CX (nF)	CY (nF)	R (MΩ)
1	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	2 x 11	47	–	1
2		2 x 4			
4		2 x 1,6			
6		2 x 0,7			

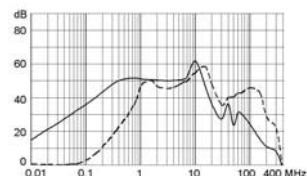
Attenuation loss

Standard version

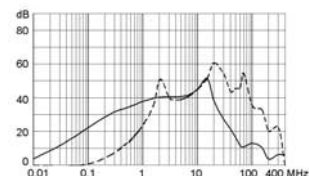
Medical version

differential mode
common mode

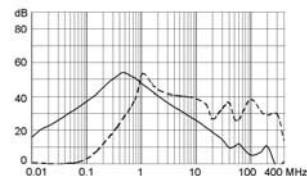
1 A



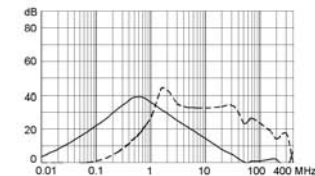
4 A



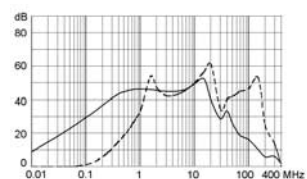
1 A



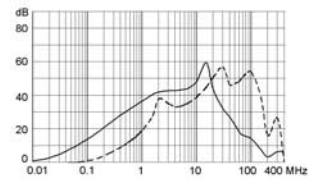
4 A



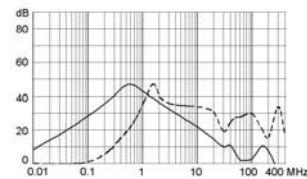
2 A



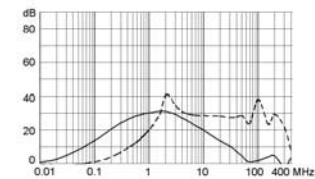
6 A



2 A



6 A



Order Numbers

Type	Order no	Rated current	Filter-Type
5500	5500.0155.1	1 A	Standard
	5500.0255.1	2 A	
	5500.0455.1	4 A	
	5500.0655.1	6 A	
	5500.0155.3	1 A	Medical
	5500.0255.3	2 A	
	5500.0455.3	4 A	
	5500.0655.3	6 A	
Shield	5500.0001		