

Power entry module Types 5200, 5220

- Panel mount: – screw-on version, front-side
– snap-in version, front-side
- Appliance inlet, fuseholder for fuses 5 x 20 mm,
1- and 2-pole and line filter

Type 5200 Fuseholder 1-pole
with spare fuse compartment



Plug removal necessary
for fuse replacement



Type 5220 Fuseholder 2-pole



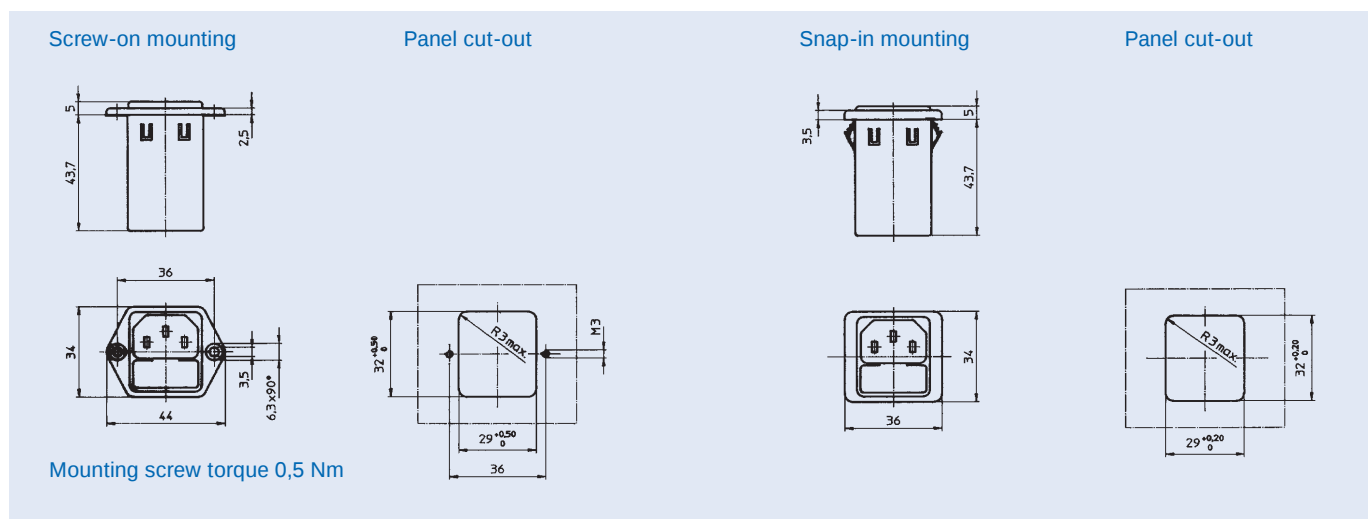
Characteristics

- Plug removal necessary for fuse-link replacement
- The fuseholder is accessible from the equipment front
- Qualified for use in equipment according to IEC/EN 60950

Technical data

Rated voltage	125/250 VAC; 50/60 Hz
Rated currents	1–10 A; @T _a 40 °C
Leakage current, Standard	< 0,5 mA (250 V/60 Hz)
Medical	< 5 µA (250 V/60 Hz)
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	quick-connect 6,3 x 0,8 mm
Panel thickness s	screw-on: max. 8 mm snap-in: 0,8–3 mm
Materials: Housing	Thermoplastic, black, UL94 V–0
Appliance-inlet	acc. to IEC/EN 60320-1/C14, Protection class I, pin-temperature 70 °C (cold condition)
Fuseholder	1- or 2-pole, shocksafe category PC2 acc. to IEC/EN 60127-6, for fuse-links 5 x 20 mm
Rated power acceptance at ambient air temp. T _a 23 °C	2 W (1-pole), 1,6 W (2-pole) per pole
Admissible power acceptance at higher T _a	see derating curves. Take note of the information page 197
Line filter, standard and medical	acc. to IEC 60939, EN 133 200, UL 1283, CSA C 22.2 no. 8 Technical details see page 202

Dimensions Type 5200



Dimensions Type 5220

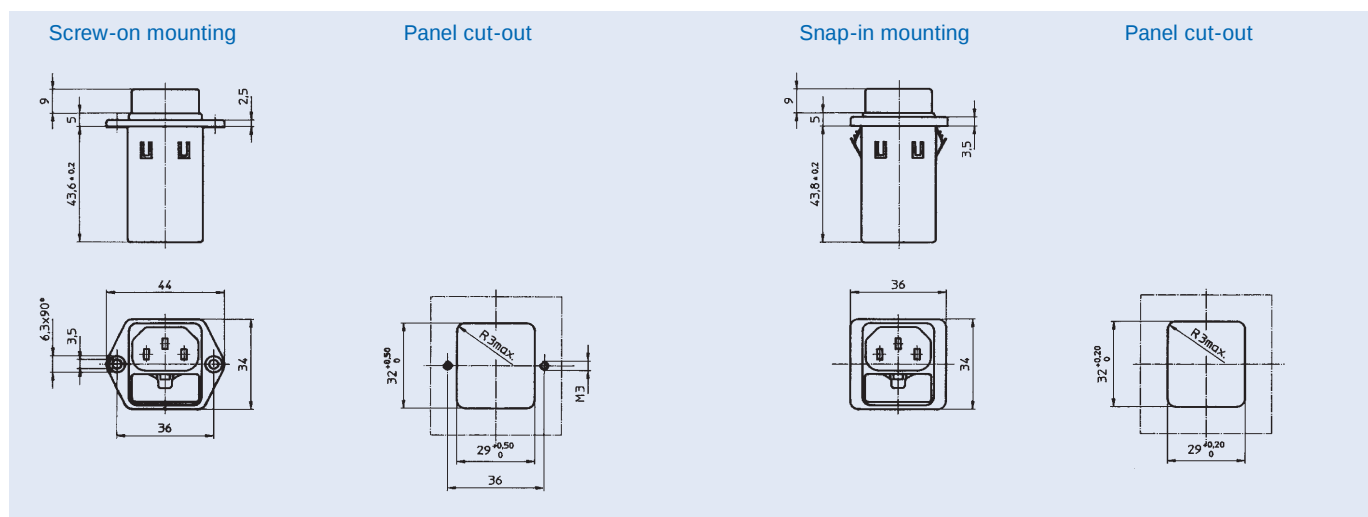
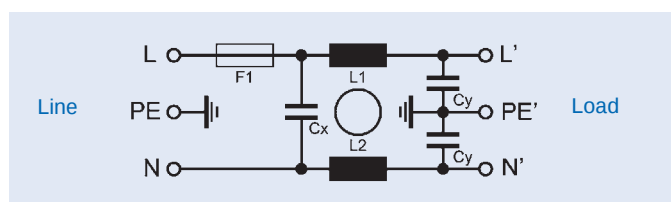


Diagram Type 5200

Standard version



Medical version

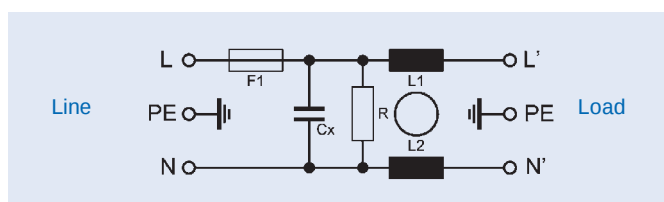
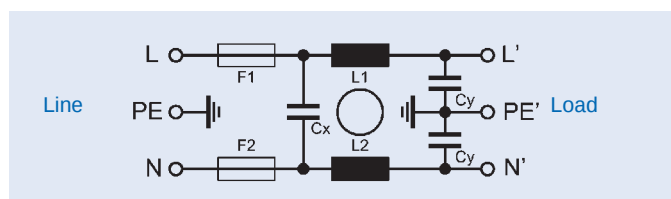
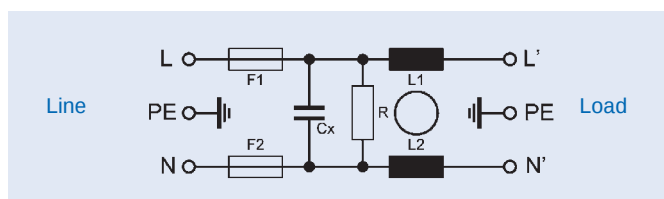


Diagram Type 5220

Standard version



Medical version



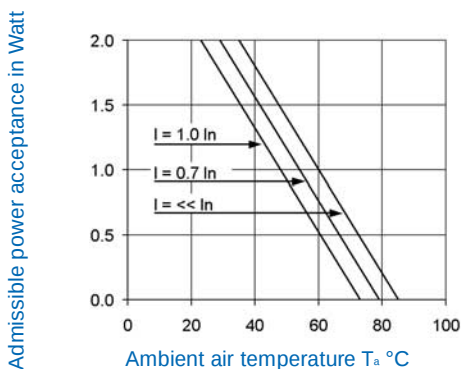
Technical data of filter-components Types 5200, 5220

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			
8		2 x 0,6			
10		2 x 0,4			
1	Medical	2 x 11	47	–	1
2		2 x 4			
4		2 x 1,6			
6		2 x 0,7			
8		2 x 0,6			
10		2 x 0,4			

Derating curves for fuseholder

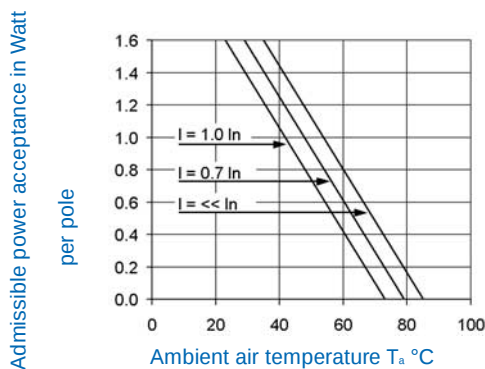
Type 5200

1-pole



Type 5220

2-pole

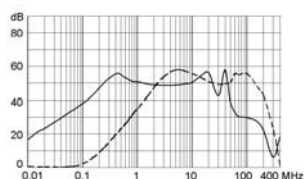


Attenuation loss Types 5200, 5220

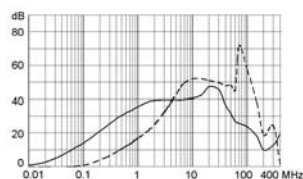
Standard version

differential mode
common mode ———

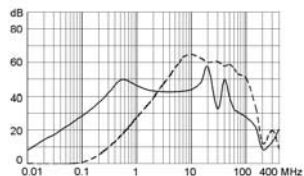
1 A



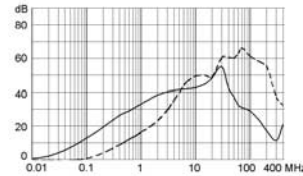
6 A



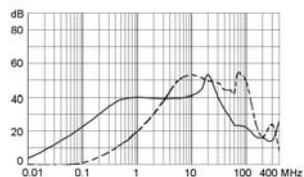
2 A



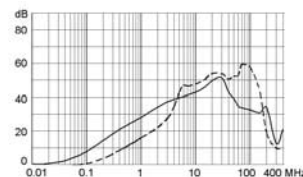
8 A



4 A

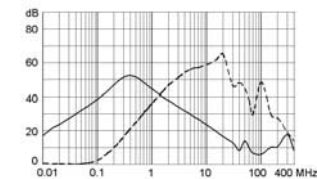


10 A

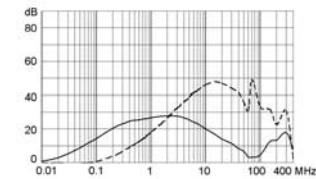


Medical version

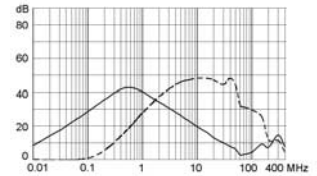
1 A



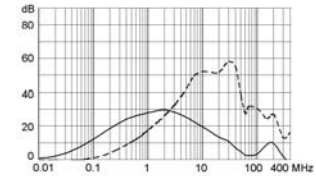
6 A



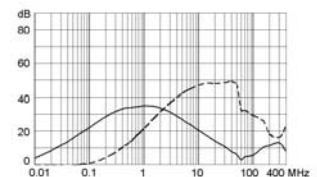
2 A



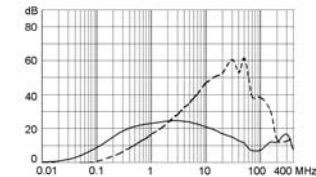
8 A



4 A



10 A



Order Numbers

Type	Order no	Rated current	Filter-Type	Fuseholder	Panel mount screw	Snap-in, panel thickness
						0,8–3 mm
5200	5200.0123.1	1 A	Standard	1-pole	•	
	5200.0223.1	2 A				
	5200.0423.1	4 A				
	5200.0623.1	6 A				
	5200.0823.1	8 A				
	5200.1023.1	10 A				
	5200.0143.1	1 A	Standard	1-pole		•
	5200.0243.1	2 A				
	5200.0443.1	4 A				
	5200.0643.1	6 A				
	5200.0843.1	8 A				
	5200.1043.1	10 A				
	5200.0123.3	1 A	Medical	1-pole	•	
	5200.0223.3	2 A				
	5200.0423.3	4 A				
	5200.0623.3	6 A				
	5200.0823.3	8 A				
	5200.1023.3	10 A				
	5200.0143.3	1 A	Medical	1-pole		•
	5200.0243.3	2 A				
	5200.0443.3	4 A				
	5200.0643.3	6 A				
	5200.0843.3	8 A				
	5200.1043.3	10 A				
5220	5220.0123.1	1 A	Standard	2-pole	•	
	5220.0223.1	2 A				
	5220.0423.1	4 A				
	5220.0623.1	6 A				
	5220.0823.1	8 A				
	5220.1023.1	10 A				
	5220.0143.1	1 A	Standard	2-pole		•
	5220.0243.1	2 A				
	5220.0443.1	4 A				
	5220.0643.1	6 A				
	5220.0843.1	8 A				
	5220.1043.1	10 A				
	5220.0123.3	1 A	Medical	2-pole	•	
	5220.0223.3	2 A				
	5220.0423.3	4 A				
	5220.0623.3	6 A				
	5220.0823.3	8 A				
	5220.1023.3	10 A				
	5220.0143.3	1 A	Medical	2-pole		•
	5220.0243.3	2 A				
	5220.0443.3	4 A				
	5220.0643.3	6 A				
	5220.0843.3	8 A				
	5220.1043.3	10 A				

Accessories see page 171