

**Power entry module Type KFC**

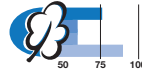
- Panel mount: screw-on version, front-side
- 4 functions: appliance inlet, fuseholder with interchangeable fuse drawer for 5 x 20 or 6,3 x 32 mm fuses, with or without voltage selector (step switch) and line filter



with voltage selector



without voltage selector



Standard or Medical filter




**Characteristics**

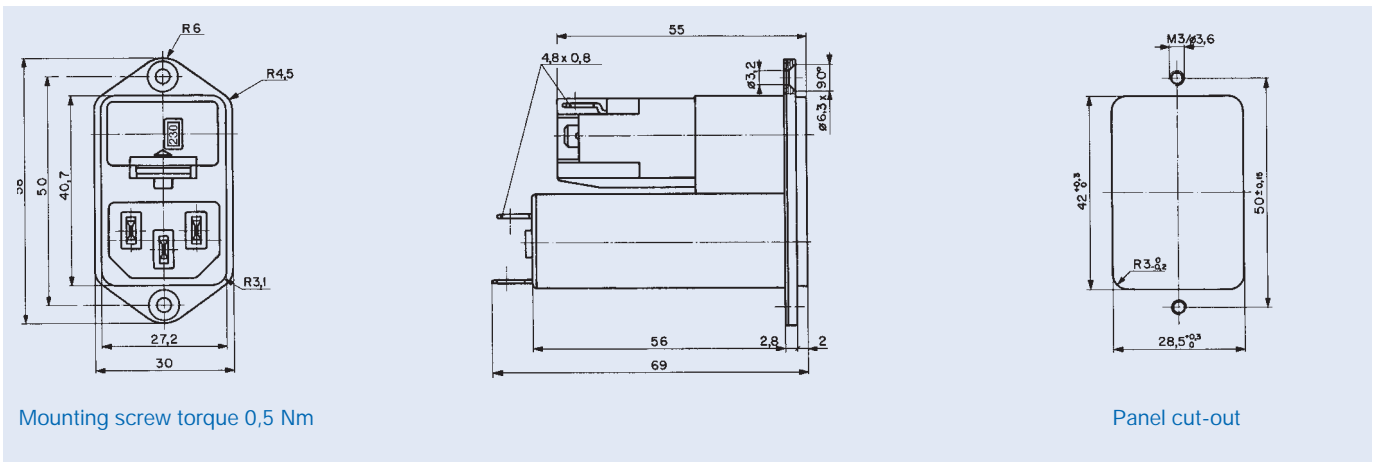
- The fuse drawer "Fingerrip" can be removed by hand
- For added safety "Extra-Safe" fuse drawers are available. Extra-safe fuse drawers satisfy international standards for medical equipment. The drawer can only be removed with the aid of a tool.
- The fuseholder is accessible from the equipment front
- 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 <sub>a</sub> 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 <sub>a</sub>	-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 4,8 x 0,8 mm
Panel thickness s	max. 8 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 or 6,3 x 32 mm
Rated power acceptance at ambient air temp. T <sub>a</sub> 23 °C		5 x 20: 2,5 W (1-pole)/2 W (2-pole) per pole 6,3 x 32: 3,15 W (1-pole)/2,5 W (2-pole) per pole
Admissible power acceptance at higher T <sub>a</sub>		see derating curves. Take note of the information on page 197
Voltage selector		optional, step switch, 3 positions
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**



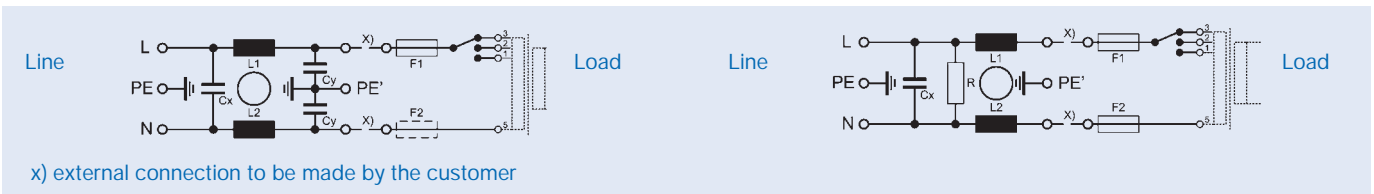
Mounting screw torque 0,5 Nm

Panel cut-out

**Diagrams**

Standard version  
with voltage selector

Medical version  
with voltage selector

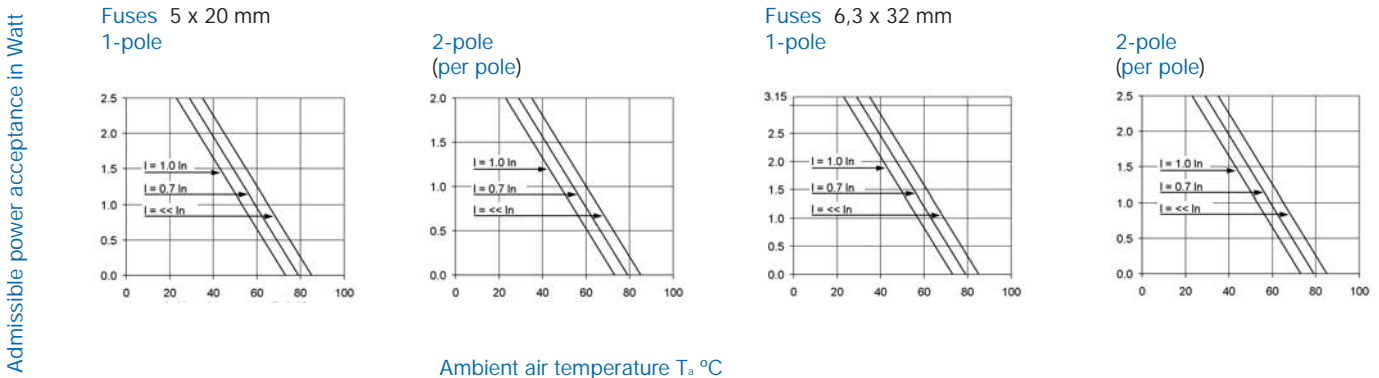


x) external connection to be made by the customer

**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 10	68	2 x 2,2	-
2		2 x 4			
4		2 x 1,5			
6		2 x 0,8			
10		2 x 0,3			
1	Medical	2 x 10	68	-	1
2		2 x 4			
4		2 x 1,5			
6		2 x 0,8			
10		2 x 0,3			

**Derating curves for fuseholder**

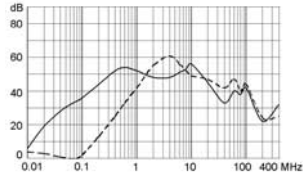


**Attenuation loss**

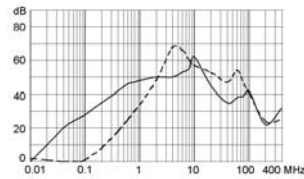
Standard version

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

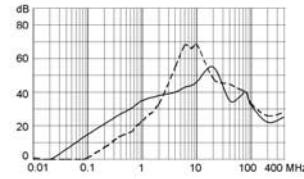
1 A



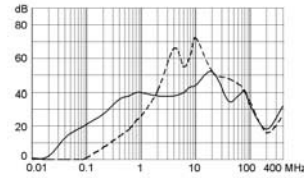
2 A



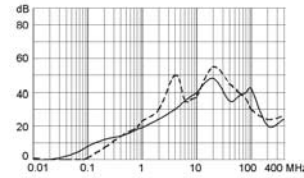
6 A



4 A

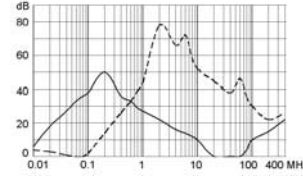


10 A

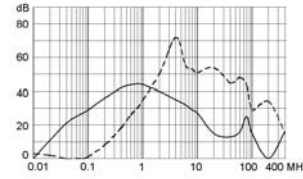


Medical version

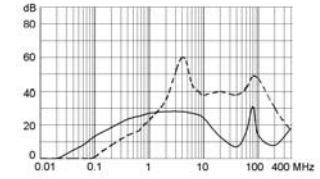
1 A



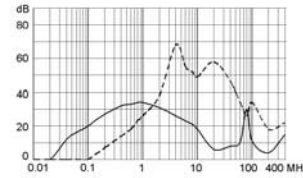
2 A



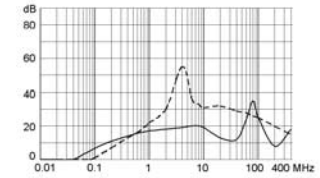
6 A



4 A



10 A



**Order Numbers for socket**  
Fuse drawer must be ordered separately.  
Order nos see page 55

Type	Order no	Rated current	Filter-Type	Fuseholder	Voltage selector	
					without	with max. 3 pos.
KFC	4303.5011	1 A	Standard	1-pole	•	
	4303.5012	2 A				
	4303.5013	4 A				
	4303.5014	6 A				
	4303.5015	10 A				
	4303.5001	1 A	Standard	2-pole	•	
	4303.5002	2 A				
	4303.5003	4 A				
	4303.5004	6 A				
	4303.5005	10 A				
	4303.5031	1 A	Standard	1-pole		•
	4303.5032	2 A				
	4303.5033	4 A				
	4303.5034	6 A				
	4303.5035	10 A				
	4303.5021	1 A	Standard	2-pole		•
	4303.5022	2 A				
	4303.5023	4 A				
	4303.5024	6 A				
	4303.5025	10 A				
	4303.5221	1 A	Medical	2-pole		•
	4303.5223	2 A				
	4303.5225	4 A				
	4303.5227	6 A				
	4303.5229	10 A				

Accessories see page 171