

Power entry module Type KFA

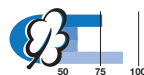
- Panel mount: screw-on version, front-side
- 4 functions: appliance inlet, fuseholder for fuses 5 x 20 mm, with or without voltage selector (step switch) and line filter



with voltage selector



without voltage selector



Plug removal necessary
for fuse replacement



Characteristics

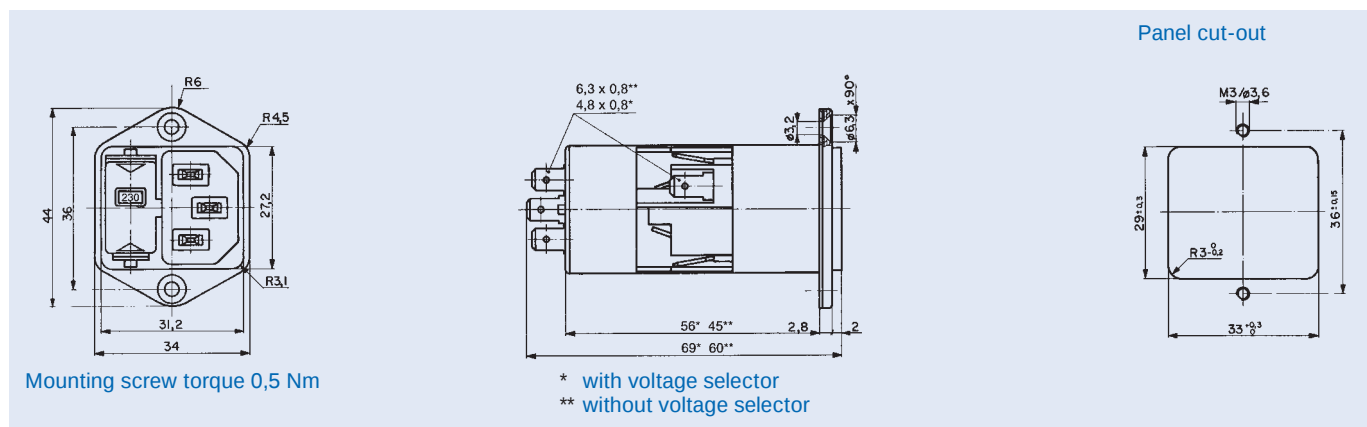
- Plug removal necessary for fuse-link replacement
- The fuse drawer "Fingergrip" can be removed by hand
- For added safety "Extra-Safe" fuse drawers are available. Extra-safe fuse drawers satisfy international standards for medical equipment. The drawer can only be removed with the aid of a tool.
- 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 _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	
KFA with voltage selector	Quick-connect 4,8 x 0,8 mm
KFA without voltage selector	Quick-connect 6,3 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 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
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

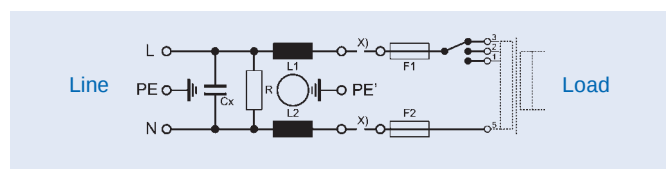
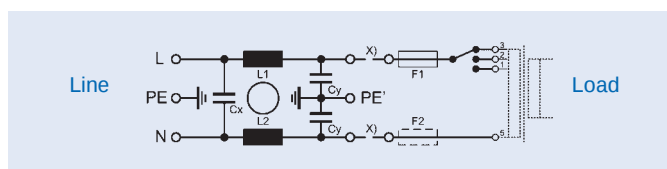
Dimensions



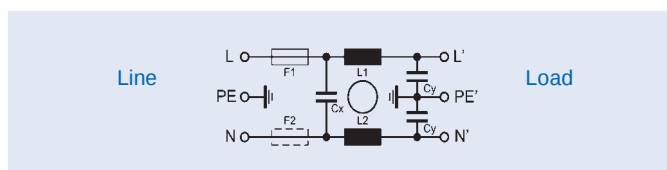
Diagrams

Standard version
with fuseholder 1- or 2-pole

Medical version
with fuseholder 2-pole



without voltage selector

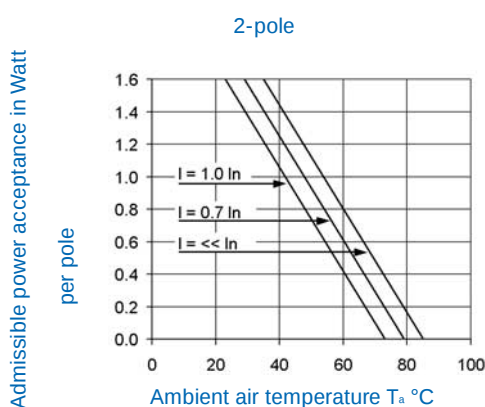
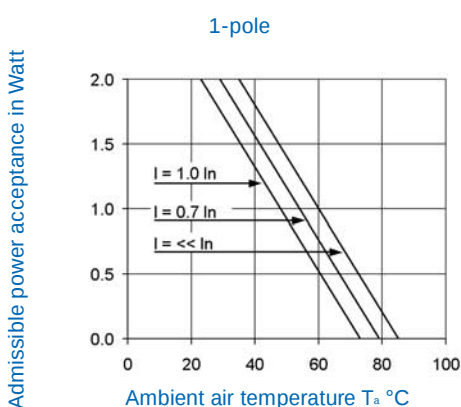


x) external connection to be made by the customer

Technical data of filter-components

Rated current (A)	Filter-Type	Inductance L1/L2 (mH)	Capacitance		R (MΩ)
	Filter-Type		CX (nF)	CY (nF)	
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

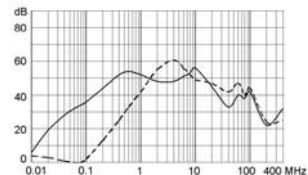


Attenuation loss

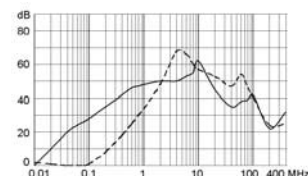
Standard version

differential mode
common mode

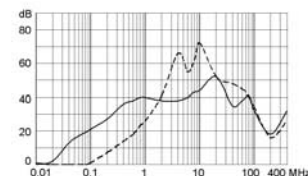
1 A



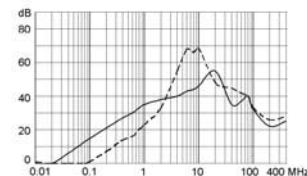
2 A



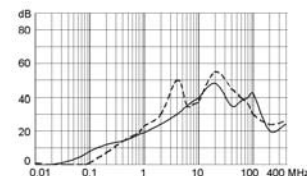
4 A



6 A

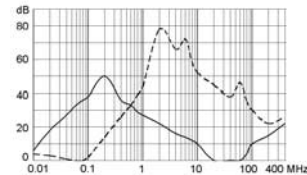


10 A

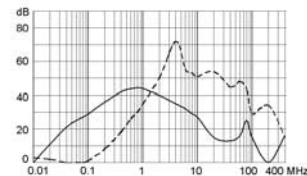


Medical version

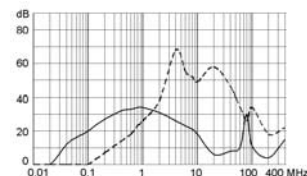
1 A



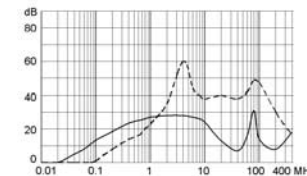
2 A



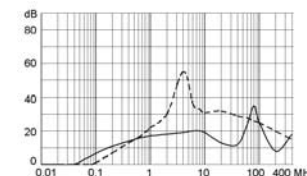
4 A



6 A



10 A



Order Numbers for socket

Fuse drawer must be ordered separately.

Order nos see page 31

Type	Order no	Rated current	Filter-Type	Fuseholder	Voltage selector	
					without	with max. 3 pos.
KFA	4301.5011	1 A	Standard	1-pole	•	
	4301.5012	2 A				
	4301.5013	4 A				
	4301.5014	6 A				
	4301.5015	10 A				
	4301.5001	1 A	Standard	2-pole	•	
	4301.5002	2 A				
	4301.5003	4 A				
	4301.5004	6 A				
	4301.5005	10 A				
	4301.5051	1 A	Standard	1-pole		•
	4301.5052	2 A				
	4301.5053	4 A				
	4301.5054	6 A				
	4301.5055	10 A				
	4301.5041	1 A	Standard	2-pole		•
	4301.5042	2 A				
	4301.5043	4 A				
	4301.5044	6 A				
	4301.5045	10 A				
	4301.5241	1 A	Medical	2-pole		•
	4301.5243	2 A				
	4301.5245	4 A				
	4301.5247	6 A				
	4301.5249	10 A				

Accessories see page 171