

Power Entry Module Types KM, KMF

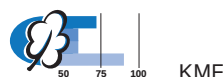
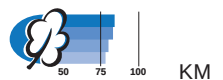
- Panel mount: snap-in, front-side
- 4 functions: appliance inlet, fuseholder for fuses 5 x 20 mm, line switch and line filter



KMF: with shield and line filter



KM: only with shield, without line filter



Plug removal necessary for fuse replacement

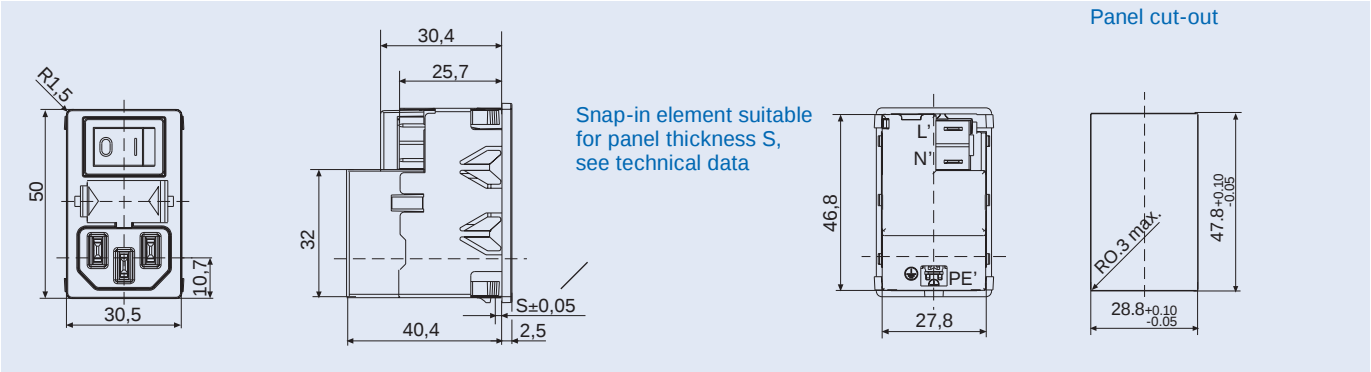
Characteristics

- Ultra-compact design. Small dimensions in front of and behind the panel
- Innovative EMC-shielding with flexible steel segments for an excellent contact
- All single elements are already wired
- 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 at +85 °C
Climatic category	25/085/21 acc. to IEC/EN 60068-1
Degree of protection (front side)	IP 40 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	only one snap-in version suitable for s = 1/1,5/2/2,5 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), 1,4 W (2-pole) per pole
Admissible power acceptance at higher T _a	see derating curves. Take note of the information on page 195
Line switch (Rocker switch)	1- or 2-pole, non-illuminated, acc. to IEC/EN 61058-1 Technical details see page 200
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



Dimensions KM with shield

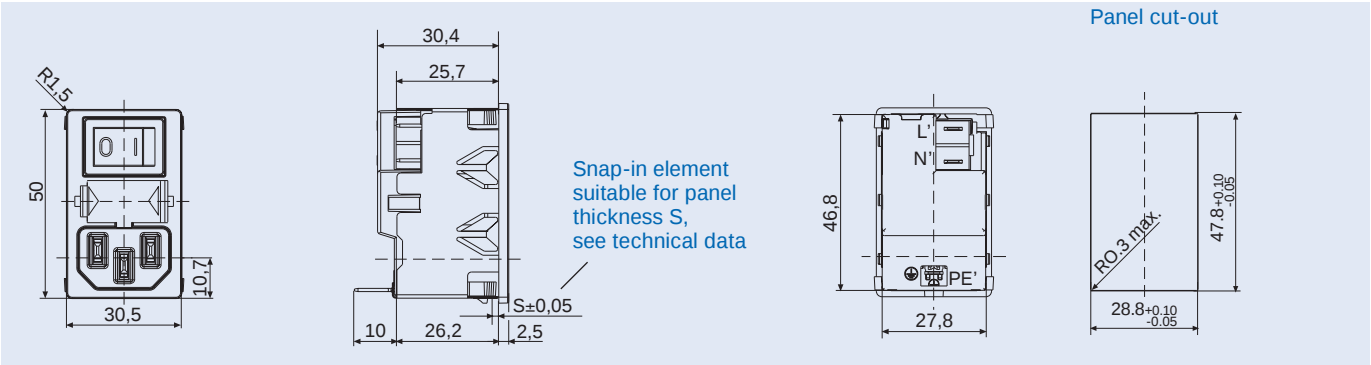
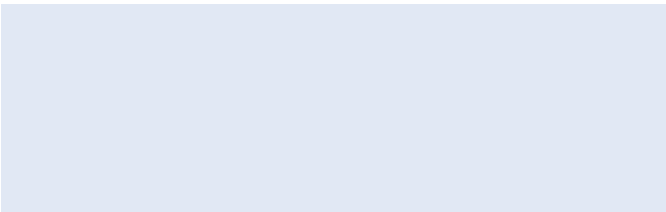


Diagram KMF

Standard version



Medical version

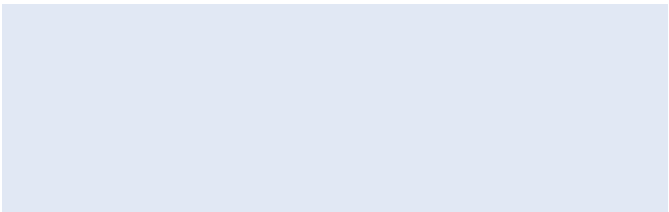
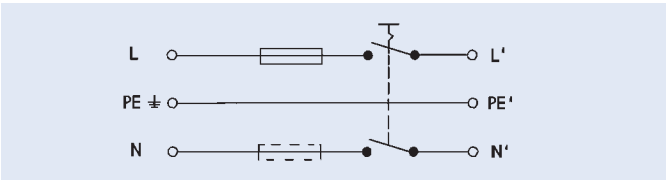


Diagram KM with shield



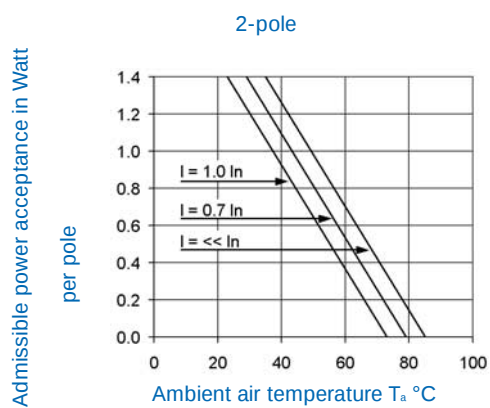
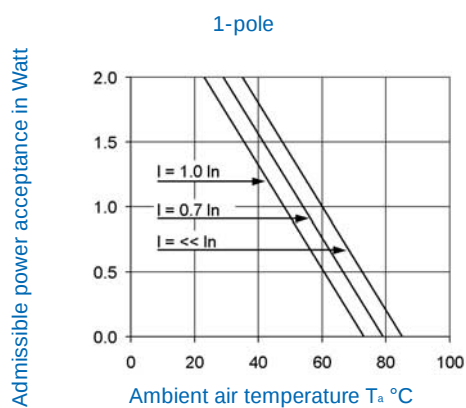
Technical data of filter-components

Rated current	Filter-Type	Inductance	Capacitance	R
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POWER ENTRY MODULES

KM, KMF

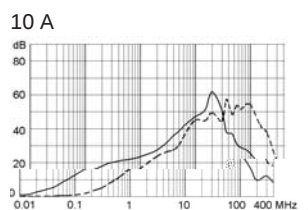
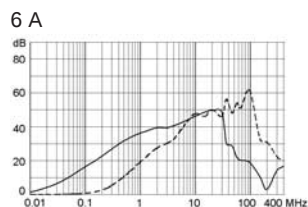
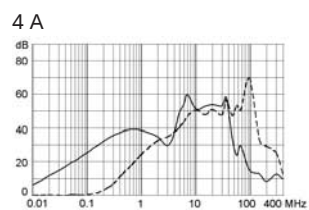
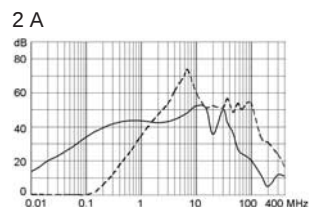
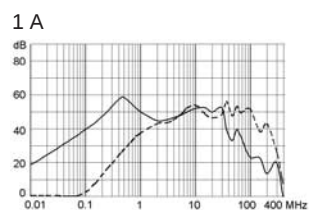
Derating curves for fuseholder



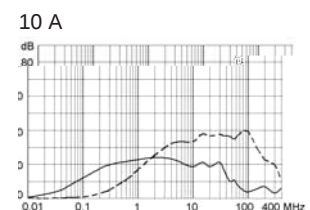
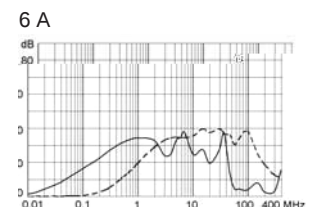
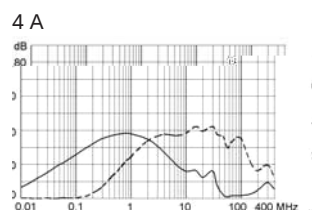
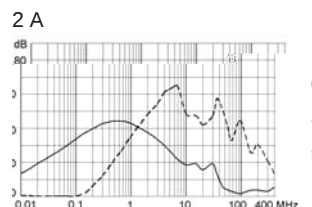
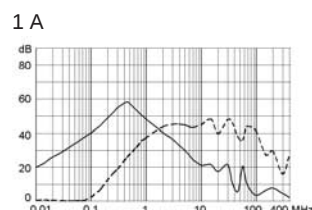
Attenuation loss

Standard version

differential mode
common mode



Medical version



Order Numbers: socket

(Fuse drawer must be ordered separately)

Type	Order no	Rated current	Filter-Type	Line switch	Fuseholder
KM	KM01.1205.11	10 A	–	2-pole	1-pole
	KM01.1105.11	10 A	–		2-pole
KMF	KMF1.1211.11	1 A	Standard	2-pole	1-pole
	KMF1.1221.11	2 A			
	KMF1.1241.11	4 A			
	KMF1.1261.11	6 A			
	KMF1.1291.11	10 A			
	KMF1.1111.11	1 A	Standard	2-pole	2-pole
	KMF1.1121.11	2 A			
	KMF1.1141.11	4 A			
	KMF1.1161.11	6 A			
	KMF1.1191.11	10 A			
	KMF1.1213.11	1 A	Medical	2-pole	1-pole
	KMF1.1223.11	2 A			
	KMF1.1243.11	4 A			
	KMF1.1263.11	6 A			
	KMF1.1293.11	10 A			
	KMF1.1113.11	1 A	Medical	2-pole	2-pole
	KMF1.1123.11	2 A			
	KMF1.1143.11	4 A			
	KMF1.1163.11	6 A			
	KMF1.1193.11	10 A			

Other versions on request:

- Other rocker marking

Order Numbers: fuse drawer (Fingergrip and Extra Safe) for types **KEA, KFA, KM, KMF**

Design	1-pole	2-pole
Fingergrip	4301.1405	4301.1401
Extra Safe	4301.1407	4301.1403

Other versions on request:

- Fuse-drawer 1-pole, plus spare fuse case
- Fuse-drawer 2-pole, with shorting bar in the neutral side N

Accessories see page 171