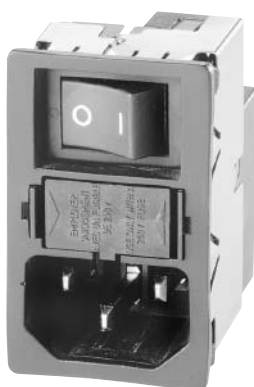


Actual information about approvals can be found on
<http://www.schurter.com/approvals>



C14



70° C



Plug removal necessary for fuse replacement

Description

- Panel mount:
- Snap-in version from front side
- 4 Functions:
Connector Protection class I, Line switch 2-pole, Fuseholder for fuse-links 5 x 20 mm 1- or 2-pole, Line filter in standard and medical version
- Quick connect terminals 4.8 x 0.8 mm
- Alternative: version without line filter [KM](#)

Characteristics

- Ultra-compact design. Small dimensions in front of and behind the panel
- All single elements are already wired
- For added safety "Extra-Safe" fuse drawers are available
Fuse drawer meets requirements of medical standard IEC/EN 60601-1
The fuse drawer can only be opened with the aid of a tool
The fuseholder is accessible from the equipment front
- Innovative EMC-shielding with flexible steel segments for an excellent contact
- Qualified for use in equipment according IEC/EN 60950

Other versions on request:

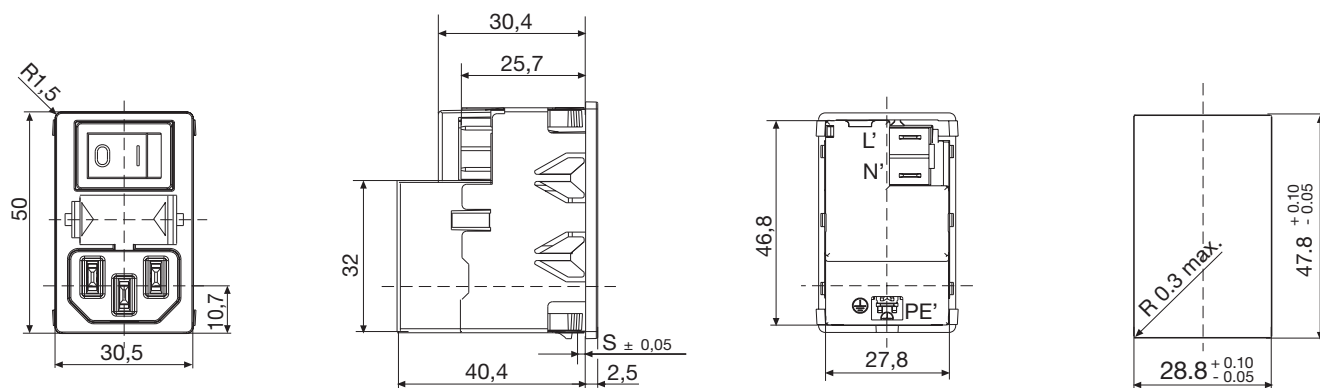
- fuse drawer 1-pole, plus spare fuse case
- fuse drawer 2-pole, with shorting bar in the neutral side N
- other rocker marking

Technical data

Ratings IEC	1 - 10 A @ Ta 40 °C / 250 VAC; 50 Hz
Ratings UL/CSA	1 - 10 A @ Ta 40 °C / 125 VAC; 60 Hz
Leakage current	standard < 0.5 mA (250 V / 60 Hz) medical < 5 µA (250 V / 60 Hz)
Dielectric strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)
Allowable operation temp.	-25 °C to 85 °C
Climatic category	25/085/21, IEC 60068-1
Degree of protection	from front side IP40 acc. to IEC 60529
Protection class	Suitable for appliances with protection class I acc. to IEC 61140
Terminals	Quick connect terminals 4.8 x 0.8 mm
Panel thickness s	Snap-in: 1/1.5/2/2.5 mm (all steps with one variant)
Materials: Housing	Thermoplastic, black, UL 94V-0

Appliance-inlet /-outlet	C14 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold condition) pin-temperature 70 °C, 10 A, Protection class I
Fuseholder	1- or 2-pole, Shocksav category PC2 acc. to IEC/EN 60127-6, for fuse-links 5 x 20 mm
Rated power acceptance @ Ta 23 °C	5 x 20: 2 W (1-pole)/ 1.4 W (2-pole) per pole
Power acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves. Take note of the information GENERAL PRODUCT INFORMATION
Line switch	Rocker switch 2-pole, non-illuminated, acc. to IEC 61058-1 Technical details GENERAL PRODUCT INFORMATION
Line filter	Standard and medical version, IEC 60939, IEC 60601-1, UL 1283, UL 544, EN 133 200, CSA C22.2 no. 8 Technical details GENERAL PRODUCT INFORMATION

Dimensions



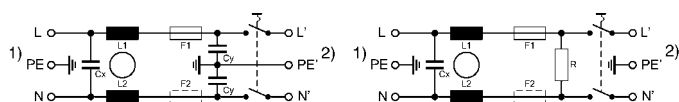
Technical data of filter-components

Rated current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	R [M Ω]
1	Standard Version	2 x 11	47	2.2	
2	Standard Version	2 x 4	47	2.2	
4	Standard Version	2 x 1.6	47	2.2	
6	Standard Version	2 x 0.7	47	2.2	
10	Standard Version	2 x 0.4	47	2.2	
1	Medical Version (M5)	2 x 11	47		1
2	Medical Version (M5)	2 x 4	47		1
4	Medical Version (M5)	2 x 1.6	47		1
6	Medical Version (M5)	2 x 0.7	47		1
10	Medical Version (M5)	2 x 0.4	47		1

Diagrams

Standard version

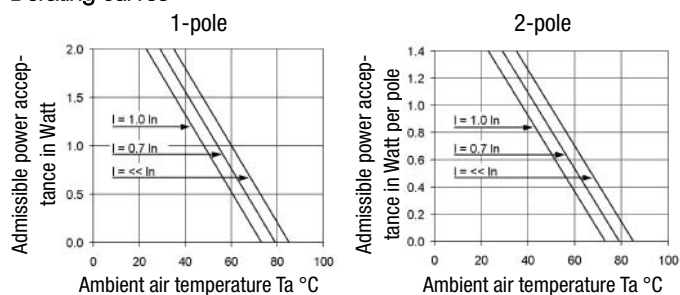
Medical version



1) Line
2) Load

1) Line
2) Load

Derating curves

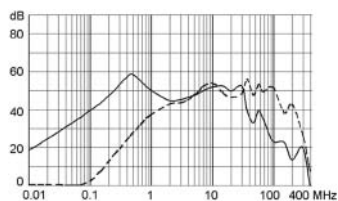


Attenuation loss

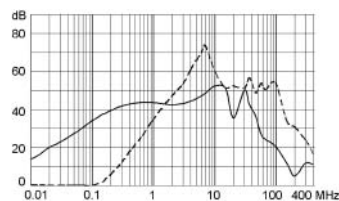
- - - differential mode — common mode

Standard version

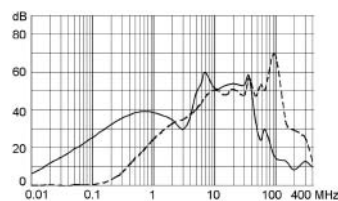
1 A



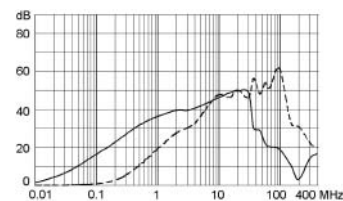
2 A



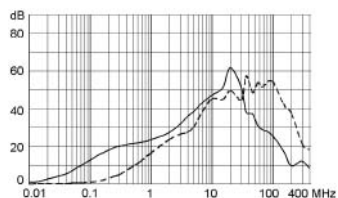
4 A



6 A

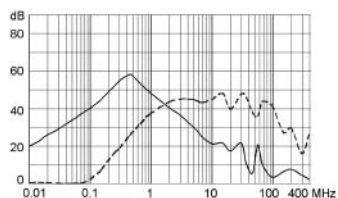


10 A

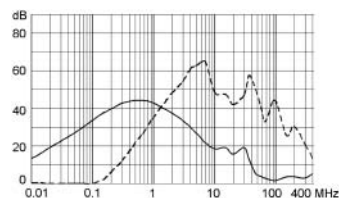


Medical version

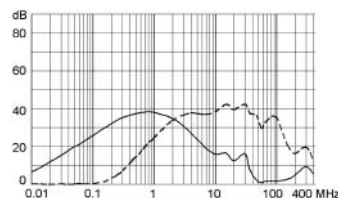
1 A



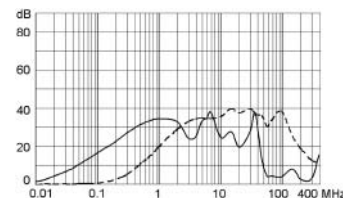
2 A



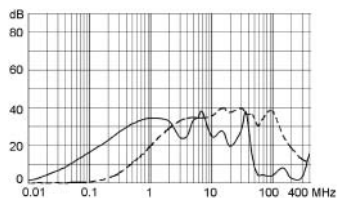
4 A



6 A



10 A



Variants

Fuse drawer must be ordered separately (See accessories).

Order Number	Rated current [A]	Filter-Type	Fuseholder	Line switch
KMF1.1211.11	1	Standard Version	1-pole	2-pole
KMF1.1221.11	2	Standard Version	1-pole	2-pole
KMF1.1241.11	4	Standard Version	1-pole	2-pole
KMF1.1261.11	6	Standard Version	1-pole	2-pole
KMF1.1291.11	10	Standard Version	1-pole	2-pole
KMF1.1111.11	1	Standard Version	2-pole	2-pole
KMF1.1121.11	2	Standard Version	2-pole	2-pole
KMF1.1141.11	4	Standard Version	2-pole	2-pole
KMF1.1161.11	6	Standard Version	2-pole	2-pole
KMF1.1191.11	10	Standard Version	2-pole	2-pole
KMF1.1213.11	1	Medical Version (M5)	1-pole	2-pole
KMF1.1223.11	2	Medical Version (M5)	1-pole	2-pole
KMF1.1243.11	4	Medical Version (M5)	1-pole	2-pole
KMF1.1263.11	6	Medical Version (M5)	1-pole	2-pole
KMF1.1293.11	10	Medical Version (M5)	1-pole	2-pole
KMF1.1113.11	1	Medical Version (M5)	2-pole	2-pole
KMF1.1123.11	2	Medical Version (M5)	2-pole	2-pole
KMF1.1143.11	4	Medical Version (M5)	2-pole	2-pole
KMF1.1163.11	6	Medical Version (M5)	2-pole	2-pole
KMF1.1193.11	10	Medical Version (M5)	2-pole	2-pole

Packaging unit

20 Pcs

Accessories

[ACCESSORIES](#)