

Inlet filter, front side mounting, fuseholder 5x20 mm

Plug removal necessary for fuse replacement



Socket and fuse-carrier included

Socket and fuse-carrier included



### Description

- Panel Mount:  
Snap-in or screw-on mounting from front side
- 3 Functions:  
Appliance Inlet Protection class I, Fuseholder for fuse-links 5 x 20 mm  
1-pole, Line filter in standard and medical version
- Quick connect terminals 6.3 x 0.8 mm
- Alternative: version without line filter [6200](#)

### Approvals

- VDE License Number: 101307
- UL License Number: E72928
- CSA License Number: 97784

### Characteristics

- All single elements are already wired
- Plug removal necessary for fuse-link replacement  
Fuse drawer meets requirements of medical standard IEC/EN 60601-1  
The fuseholder is accessible from the equipment front
- Qualified for use in equipment according IEC/EN 60950

### References

[General Product Information](#)

### Weblinks

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)


### Technical Data

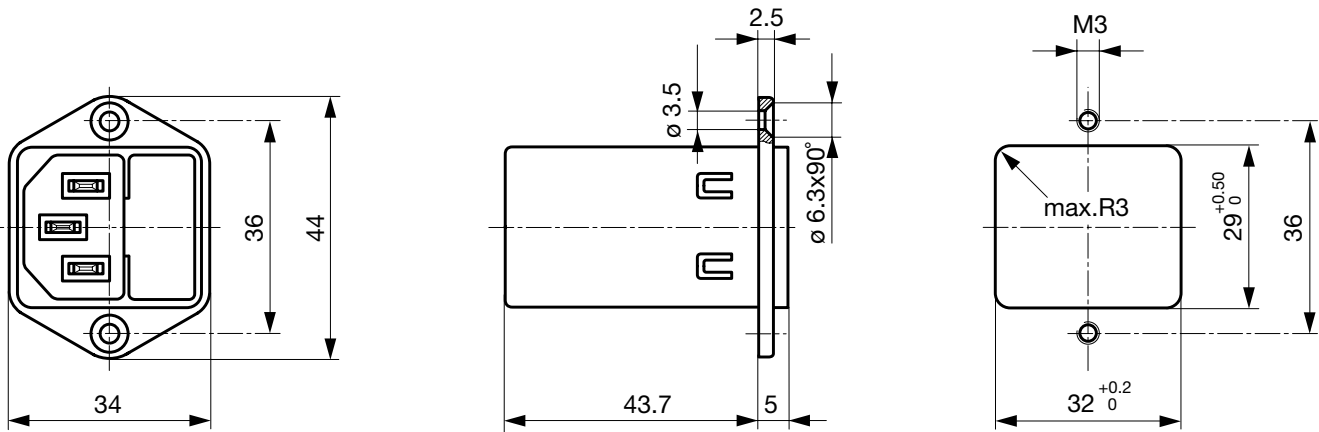
Ratings IEC	1 - 10A @ Ta 40 °C / 250VAC; 50Hz
Ratings UL/CSA	1 - 10A @ Ta 40 °C / 125VAC; 60Hz
Leakage Current	standard < 0.5 mA (250 V / 60Hz) medical < 5 µA (250 V / 60 Hz)
Dielectric Strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)
Allowable Operation Temp.	-25 °C to 85 °C
Climatic Category	25/085/21 acc. to IEC 60068-1
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Quick connect terminals 6.3 x 0.8 mm
Panel Thickness s	Screw-on: max 8 mm Mounting screw torque max 0.5 Nm Snap-in: 0.8 mm to 3 mm
Material: 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 conditions) pin-temperature 70 °C, 10A, Protection class I
Fuseholder	1 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 2W (1 pole)
Power Acceptance @ Ta > 23 °C	Admissible power acceptance at higher ambient temperature see derating curves
Line Filter	Standard and Medical Version, IEC 60939, IEC 60601-1, UL 1283, UL 544, EN 133 200, CSA C22.2 no. 8 <a href="#">Technical details</a>
MTBF	> 2'300'000 h acc. to MIL-HB-217 F

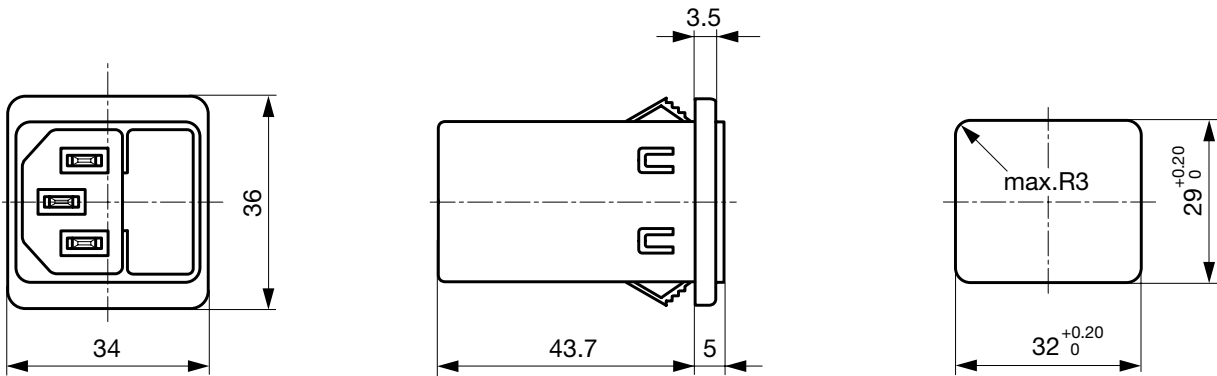
### Dimensions

Screw-on mounting type 5200

Length  48.7 mm



Snap-in mounting type 5200

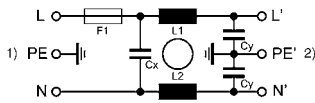


### Technical Data of Filter-Components

Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	R [MΩ]
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	-
8	Standard Version	2 x 0.6	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
8	Medical Version (M5)	2 x 0.6	47	-	1
10	Medical Version (M5)	2 x 0.4	47	-	1

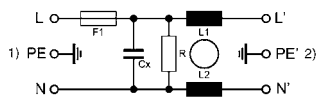
**Diagrams**

5200 Standard version



1) Line  
2) Load

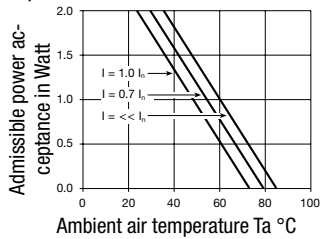
5200 Medical version



1) Line  
2) Load

**Derating Curves**

1-pole

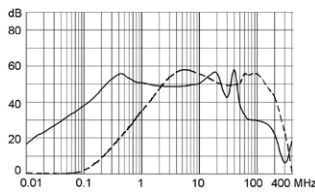


**Attenuation Loss**

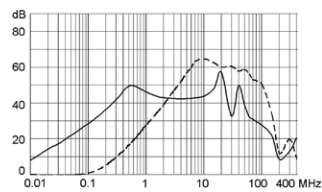
--- differential mode \_\_\_\_ common mode

Standard version

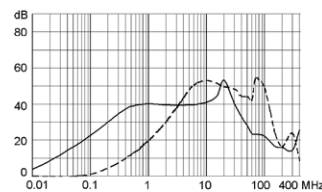
1 A



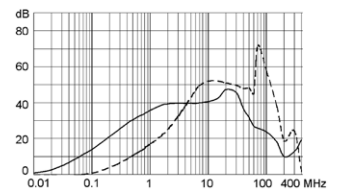
2 A



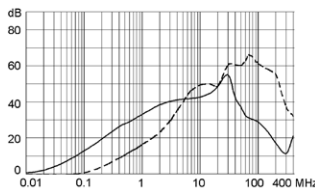
4 A



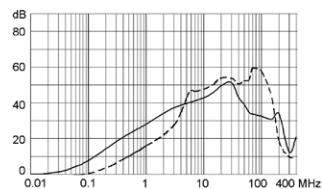
6 A



8 A

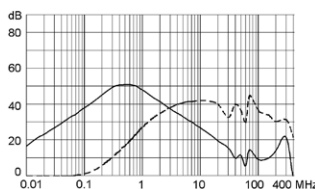


10 A

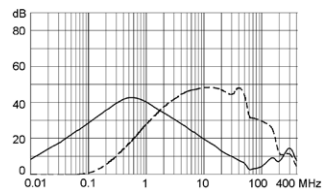


Medical version (M5)

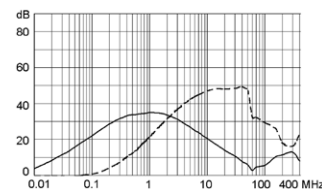
1 A



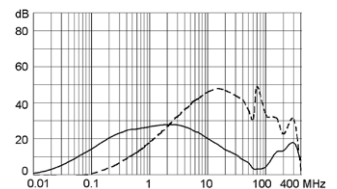
2 A



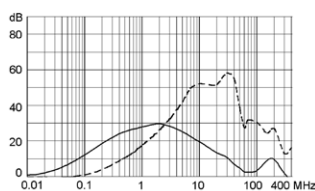
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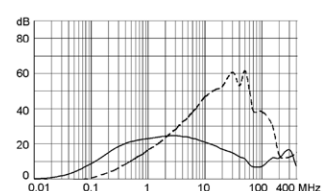
6 A



8 A



10 A



## Variants

Distributor-Stock-Check | SCHURTER-Stock-Check | e-Store

Socket and fuse-carrier included

Rated Current [A]	Filter-Type	Panel mounting	Fuseholder	Order Number
1	Standard Version	Screw-on	1 pole	5200.0123.1
2	Standard Version	Screw-on	1 pole	5200.0223.1
4	Standard Version	Screw-on	1 pole	5200.0423.1
6	Standard Version	Screw-on	1 pole	5200.0623.1
8	Standard Version	Screw-on	1 pole	5200.0823.1
10	Standard Version	Screw-on	1 pole	5200.1023.1
1	Standard Version	Snap-in	1 pole	5200.0143.1
2	Standard Version	Snap-in	1 pole	5200.0243.1
4	Standard Version	Snap-in	1 pole	5200.0443.1
6	Standard Version	Snap-in	1 pole	5200.0643.1
8	Standard Version	Snap-in	1 pole	5200.0843.1
10	Standard Version	Snap-in	1 pole	5200.1043.1
1	Medical Version (M5)	Screw-on	1 pole	5200.0123.3
2	Medical Version (M5)	Screw-on	1 pole	5200.0223.3
4	Medical Version (M5)	Screw-on	1 pole	5200.0423.3
6	Medical Version (M5)	Screw-on	1 pole	5200.0623.3
8	Medical Version (M5)	Screw-on	1 pole	5200.0823.3
10	Medical Version (M5)	Screw-on	1 pole	5200.1023.3
1	Medical Version (M5)	Snap-in	1 pole	5200.0143.3
2	Medical Version (M5)	Snap-in	1 pole	5200.0243.3
4	Medical Version (M5)	Snap-in	1 pole	5200.0443.3
6	Medical Version (M5)	Snap-in	1 pole	5200.0643.3
8	Medical Version (M5)	Snap-in	1 pole	5200.0843.3
10	Medical Version (M5)	Snap-in	1 pole	5200.1043.3

Packaging unit 10 Pcs

## Accessory

## Description

Assorted Covers  
Rear Cover

0859.0075

Cord retaining kits  
Cord retaining strain relieve

Countersunk, B

4700.0002

Passende Dose

Category / Description



Appliance Outlet

IEC appliance outlet F, screw-on mounting, front side, solder /quick connect terminal	4787
IEC appliance outlet F, screw-on mounting, front side, solder /quick connect terminal	4788
IEC appliance outlet F oder H, screw-on mounting, front side, solder/PCB/quick connect terminal	5091
IEC appliance outlet F oder H, screw-on mounting, front side, solder/quick connect terminal	5092

Connector



IEC cord connector C15, rewirable, straight	0101
IEC cord connector C15A, rewirable, straight	0102
IEC cord connector C15A, rewirable, straight	0102-G
IEC cord connector C15A, rewirable, angled	0112
IEC cord connector C13, rewirable, angled	4012
IEC cord connector C13, rewirable, angled	4013
IEC cord connector C13, rewirable, straight	4020
IEC cord connector C13, rewirable, straight	4021
IEC cord connector C13, rewirable, straight	4022
IEC cord connector C13, rewirable, angled	4300-06

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Power Supply or Interconnection Cord



Power Cord with IEC Appliance Connector C13, angled, 70°C	0311
Power Cord with IEC Appliance Connector C13, angled, 70°C	3011
Power Cord with IEC Appliance Connector C13, angled, 70°C	3012
Power Cord with IEC Appliance Connector C13, angled, 70°C	3013
Power Cord with IEC Appliance Connector C13, 70°C	3020
Power Cord with IEC Appliance Connector C13, straight, 70°C	3027
Power Cord with IEC Appliance Connector C13, straight, 70°C	302U
Power Cord with IEC Appliance Connector C13, straight, 70°C	3030
Power Cord with IEC Appliance Connector C13, angled, 70°C	311L
Power Cord with IEC Appliance Connector C13, angled, 70°C	312L

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