IEC Appliance Inlet C14 with Filter, Fuseholder 1-pole

Plug removal necessary for fuse replacement

Type 5200, Fuseholder 1-pole with spare compartment
Snap-In Version or Screw-On Version

Type 5200, Fuseholder 1-pole with spare compartment
Snap-In Version or Screw-On Version

C14

70° C

RoHS Compliant 2002/95/EC

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

Approvals
- VDE Certificate Number: 101307
- UL File Number: E72928
- CSA File 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
Alternative: version without line filter   6200

Weblinks
General Product Information, Approvals, RoHS, CHINA-RoHS, Mating Connectors, e-Store, SCHURTER-Stock-Check, Distributor-Stock-Check, Accessories

Technical Data

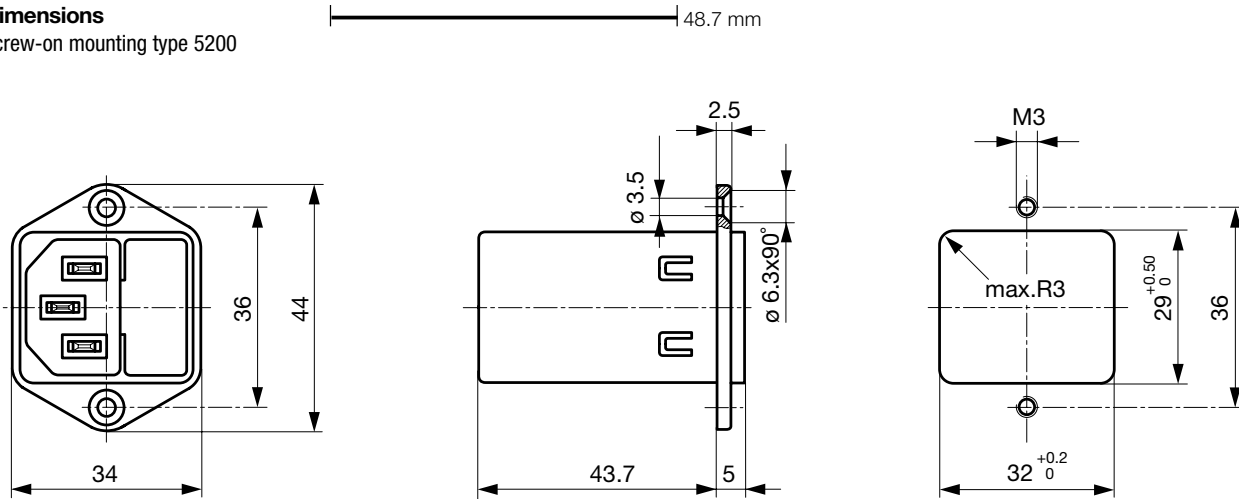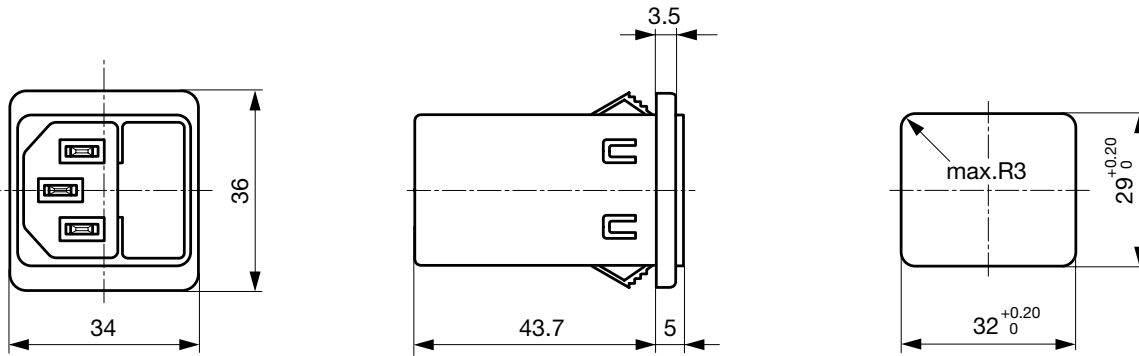|			
Ratings IEC	1 - 10 A @ Ta 40 °C / 250 VAC; 50 Hz	Appliance-Inlet/-Outlet	C14 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class 1
Ratings UL/CSA	1 - 10 A @ Ta 40 °C / 125 VAC; 60 Hz		
Leakage Current	standard < 0.5 mA (250 V / 60 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)	Fuseholder	1-pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 mm
Allowable Operation Temp.	-25 °C to 85 °C	Rated Power Acceptance @ Ta 23 °C	5 x 20: 2 W (1 pole)
Climatic Category	25/085/21 acc. to IEC 60068-1		
Degree of Protection	from front side IP 40 acc. to IEC 60529	Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves
Protection Class	Suitable for appliances with protection class 1 acc. to IEC 61140		
Terminal	Quick connect terminals 6.3 x 0.8 mm	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
Panel Thickness s	Screw: 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	MTBF	> 2'300'000 h acc. to MIL-HB-217 F

EMC Products

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Dimensions
Screw-on mounting type 5200
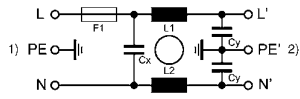
48.7 mm

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

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Diagrams

5200 Standard version   5200 Medical version
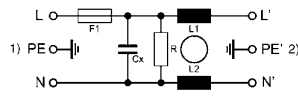
1) Line
2) Load

1) Line
2) Load

Derating Curves

1-pole

Admissible power acceptance in Watt

I = 1.0 Iₙ
I = 0.7 Iₙ
I = << Iₙ

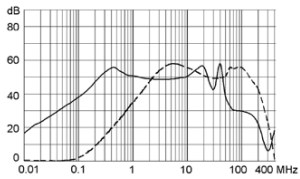Ambient air temperature Ta °C
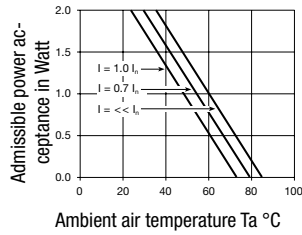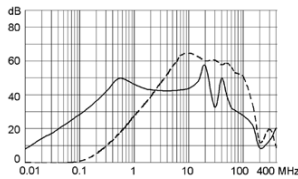
Attenuation Loss

. . . . . 0.1/100Ω differential mode   .... 100/0.1Ω differential mode   - - - - differential mode   _____ common mode
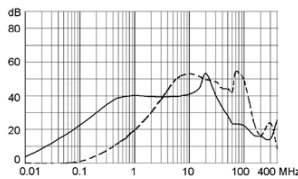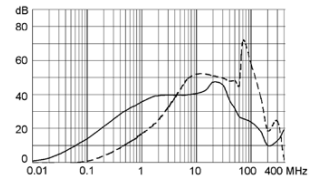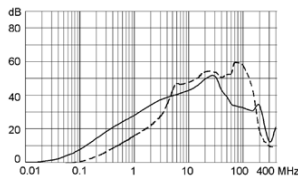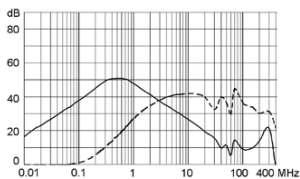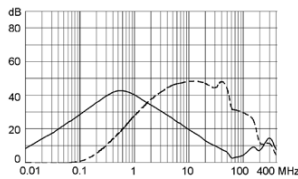
Standard version
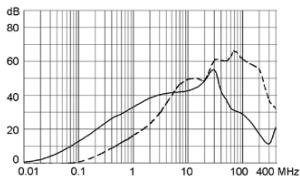
| 1 A | 2 A | 4 A | 6 A |

| 8 A | 10 A |

Medical version (M5)
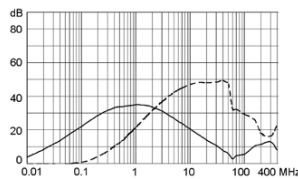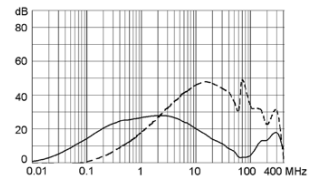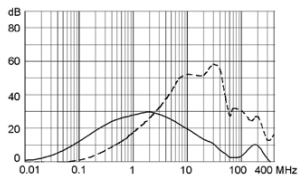
| 1 A | 2 A | 4 A | 6 A |

| 8 A | 10 A |
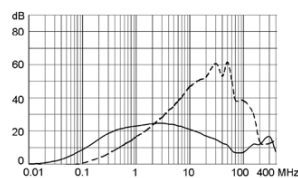
Variants

Socket and fuse-carrier included

Rated Current [A]	Filter-Type	Panel mounting	Fuseholder	Order Number
1	Standard Version	Screw	1-pole	5200.0123.1
2	Standard Version	Screw	1-pole	5200.0223.1
4	Standard Version	Screw	1-pole	5200.0423.1
6	Standard Version	Screw	1-pole	5200.0623.1
8	Standard Version	Screw	1-pole	5200.0823.1
10	Standard Version	Screw	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	1-pole	5200.0123.3
2	Medical Version (M5)	Screw	1-pole	5200.0223.3
4	Medical Version (M5)	Screw	1-pole	5200.0423.3
6	Medical Version (M5)	Screw	1-pole	5200.0623.3
8	Medical Version (M5)	Screw	1-pole	5200.0823.3
10	Medical Version (M5)	Screw	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

Accessories

Description
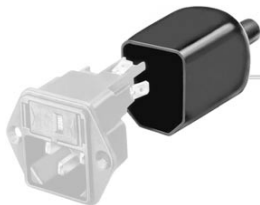
Assorted Covers
Rear Cover

0859.0075

Cord retaining kits
Cord retaining strain relief

Countersunk, B — 4700.0002

Mating Outlets/Connectors

Category / Description

Appliance OutletOverview complete

IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal	4787
IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal	5092

Appliance Outletfurther types to5200

ConnectorOverview complete

IEC Connector C15, Rewireable, Straight	0101
IEC Connector C15A, Rewireable, Straight	0102
IEC Connector C15A, Rewireable, Straight	0102-G
IEC Connector C15A, Rewireable, Angled	0112
IEC Connector C13, Rewireable, Angled	4012

Connectorfurther types to5200 ...

Power CordOverview complete

Power Cord with IEC Connector C13, Angled	0311
Power Cord with IEC Connector C13, Angled	3011
Power Cord with IEC Connector C13, Angled	3012
Power Cord with IEC Connector C13, Angled	3013
Power Cord with IEC Connector C13	3020

Power Cordfurther types to5200 ...

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments.

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