

IEC Appliance Inlet C14 with Filter, Fuseholder 1- or 2-pole (5x20 mm or 6.3x32 mm), Line Switch 1- or 2-pole, Voltage Selector (Step)

Standard- or Medical-Filter



V-Lock

Fuse drawer must be ordered separately (see accessories).



Description

- Panel Mount:
- Screw-on mounting from front side
- 5 Functions:
- Appliance Inlet, Line Switch, Fuseholder with interchangeable fuse drawer for Fuse-links 5 x 20 mm or 6.3 x 32 mm, with or without voltage selector (step switch), Line filter in standard and medical version
- Quick connect terminals 4.8 x 0.8 mm

Approvals

- VDE Certificate Number: 40004665 (FKSO, FKSP, FKSU, FKSV)
- UL File Number: E72928 (FKSO, FKSP, FKSU, FKSV)

Characteristics

- All single elements are already wired
- The fuse drawer "Fingergrip" can be removed by hand
- 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
- Qualified for use in equipment according IEC/EN 60950

References

Alternative: version without line filter [KD](#)

Weblinks

[General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Accessories](#), [Wire Harness](#)

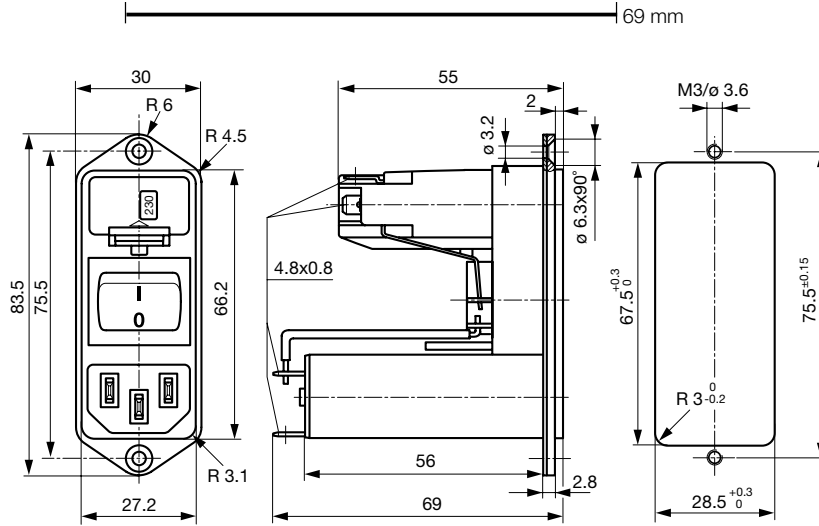
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

Ratings IEC	1 - 10A @ Ta 40 °C / 250VAC; 50Hz
Ratings UL/CSA	1 - 10A @ Ta 40 °C / 125VAC; 60Hz
Leakage Current	standard < 0.5mA (250V / 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 1 acc. to IEC 61140
Terminal	Quick connect terminals 4.8 x 0.8 mm
Panel Thickness s	Screw: max 8 mm Mounting screw torque max 0.5 Nm
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 1
Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32 mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 2.5W (1 pole)/ 2W (2-pole) per pole 6.3 x 32: 3.15W (1 pole)/ 2.5W (2-pole) per pole
Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves
Line Switch	Rocker switch 2-pole, non-illuminated, acc. to IEC 61058-1 Technical details
Voltage Selectors	optional, step, 2-4 digits
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
MTBF	> 1'200'000h acc. to MIL-HB-217 F

Dimensions
CD



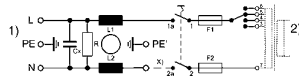
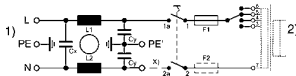
Technical Data of Filter-Components

Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	R [MΩ]
1	Standard Version	2 x 10	68	2.2	-
2	Standard Version	2 x 4	68	2.2	-
4	Standard Version	2 x 1.5	68	2.2	-
6	Standard Version	2 x 0.8	68	2.2	-
10	Standard Version	2 x 0.3	68	2.2	-
1	Medical Version (M5)	2 x 10	68	-	1
2	Medical Version (M5)	2 x 4	68	-	1
4	Medical Version (M5)	2 x 1.5	68	-	1
6	Medical Version (M5)	2 x 0.8	68	-	1
10	Medical Version (M5)	2 x 0.3	68	-	1

Diagrams

Standard version
with voltage selector

Medical version
with voltage selector



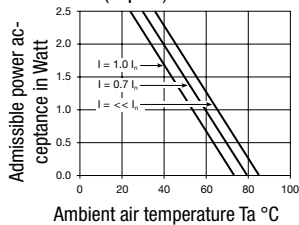
- 1) Line
- 2) Load
- x) External connection to be made by the customer

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- 2) Load
- x) External connection to be made by the customer

Derating Curves

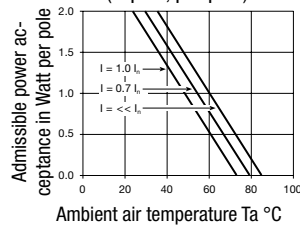
Fuses

5 x 20 mm (1-pole)



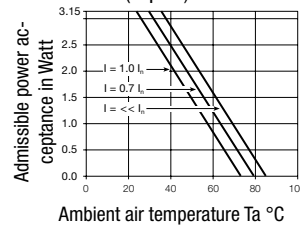
Fuses

5 x 20 mm (2-pole, per pole)



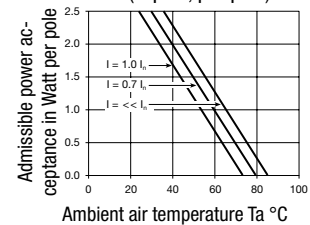
Fuses

6.3 x 32 mm (1-pole)



Fuses

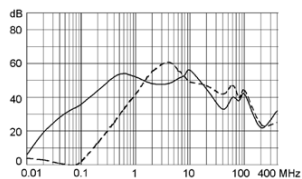
6.3 x 32 mm (2-pole, per pole)



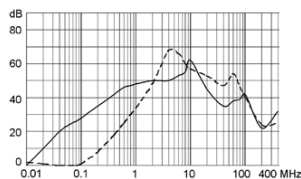
Attenuation Loss 0.1/100Ω differential mode 100/0.1Ω differential mode - - - - differential mode ____ common mode

Standard version

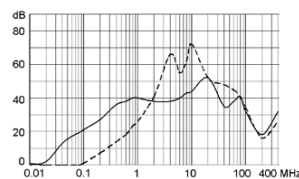
1 A



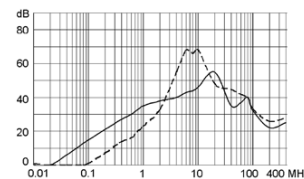
2 A



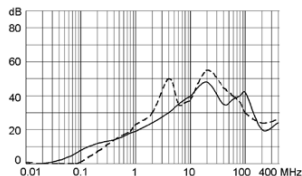
4 A



6 A

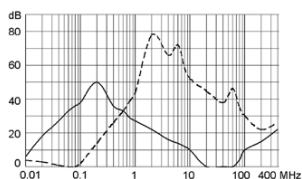


10 A

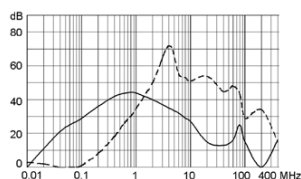


Medical version (M5)

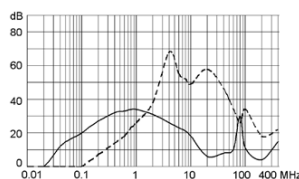
1 A



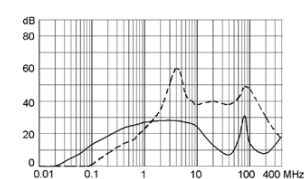
2 A



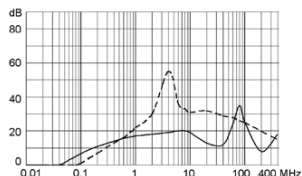
4 A



6 A



10 A



Variants

Type	Rated Current [A]	Filter-Type	Fuseholder	Line Switch	Voltage Selectors	Order Number
CD	1	Standard Version	1-pole	2-pole	-	CD11.1501.151
CD	2	Standard Version	1-pole	2-pole	-	CD21.1501.151
CD	4	Standard Version	1-pole	2-pole	-	CD31.1501.151
CD	6	Standard Version	1-pole	2-pole	-	CD41.1501.151
CD	10	Standard Version	1-pole	2-pole	-	CD61.1501.151
CD	1	Standard Version	1-pole	2-pole	2-4 digits	CD11.4501.151
CD	2	Standard Version	1-pole	2-pole	2-4 digits	CD21.4501.151
CD	4	Standard Version	1-pole	2-pole	2-4 digits	CD31.4501.151
CD	6	Standard Version	1-pole	2-pole	2-4 digits	CD41.4501.151
CD	10	Standard Version	1-pole	2-pole	2-4 digits	CD61.4501.151
CD	1	Standard Version	2-pole	2-pole	-	CD14.1101.151
CD	2	Standard Version	2-pole	2-pole	-	CD24.1101.151
CD	4	Standard Version	2-pole	2-pole	-	CD34.1101.151
CD	6	Standard Version	2-pole	2-pole	-	CD44.1101.151
CD	10	Standard Version	2-pole	2-pole	-	CD64.1101.151
CD	1	Standard Version	2-pole	2-pole	2-4 digits	CD14.4101.151
CD	2	Standard Version	2-pole	2-pole	2-4 digits	CD24.4101.151
CD	4	Standard Version	2-pole	2-pole	2-4 digits	CD34.4101.151

Type	Rated Current [A]	Filter-Type	Fuseholder	Line Switch	Voltage Selectors	Order Number
CD	6	Standard Version	2-pole	2-pole	2-4 digits	CD44.4101.151
CD	10	Standard Version	2-pole	2-pole	2-4 digits	CD64.4101.151
CD	1	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDG4.4101.151
CD	2	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDA4.4101.151
CD	4	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDC4.4101.151
CD	6	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDE4.4101.151
CD	10	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDL4.4101.151

Packaging unit 10 Pcs

Required Accessory

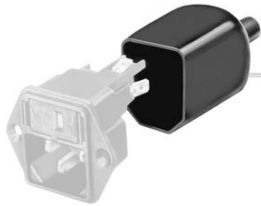
Description

Fusedrawer 3
Fusedrawer for Fuse Links 5x20mm resp. 6.3x32mm



Fingerrip, 5 x 20, 2-pole, Voltage Selectors	4303.2014.00
Fingerrip, 5 x 20, 2-pole, Voltage Selectors, 100, 120, 220, 240	4303.2014.01
Fingerrip, 5 x 20, 2-pole, Voltage Selectors, 110, 150, 220	4303.2014.02
Fingerrip, 5 x 20, 2-pole, Voltage Selectors, 110, 220	4303.2014.03
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Accessories



Assorted Covers
Rear Cover

0859.0077



Wire Harness
Wire harness for SCHURTER products



Cord retaining kits
Cord retaining strain relief

Flat head, A	4700.0001
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Mating Outlets/Connectors

Category / Description



Appliance Outlet Overview 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 Outlet further types to CD



Connector Overview 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

Connector further types to CD



Power Cord Overview 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 Cord further types to CD