

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



Description

- Panel Mount:
Screw-on mounting from front side
- 5 Functions:
Appliance Inlet, Line Switch, Fuseholder with interchangeable fuse drawer for Fuse-links 5x20 mm or 6.3x32 mm, with or without voltage selector (step switch), Line filter in standard and medical version
- Quick connect terminals 4.8 x 0.8 mm

Unique Selling Proposition

- Multifunctional Power Entry Module
- Solid metal flange
- Various fuse drawers
- Slim design

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 "Fingergrasp" can be removed by hand
- Suitable for use in equipment according to IEC/UL 60950
- Suitable for use in medical equipment according to IEC/UL 60601-1

References

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

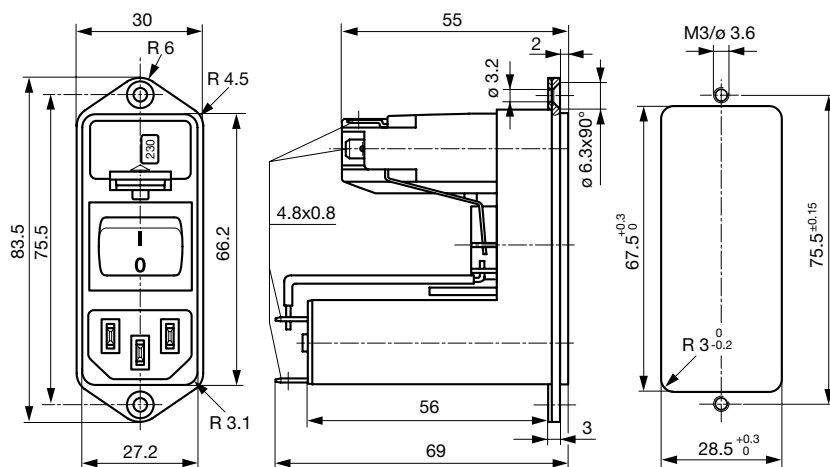
Weblinks

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Accessories](#), [Wire Harnessing](#)

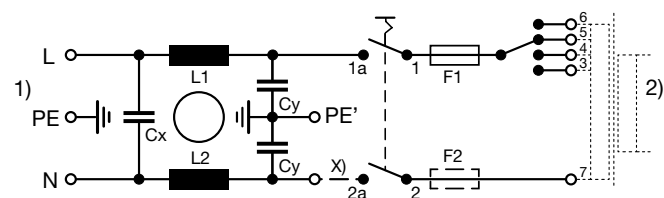
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

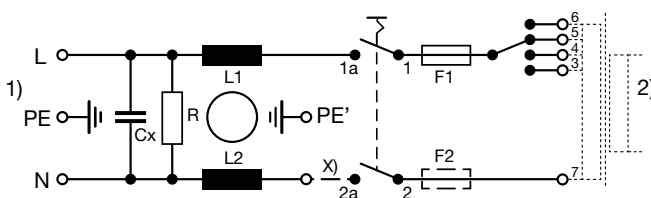
Ratings IEC	1 - 10A @ Ta 40 °C / 250VAC; 50Hz	Appliance-Inlet/-Outlet	C14 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
Ratings UL/CSA	1 - 10A @ Ta 40 °C / 125VAC; 60Hz	Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32 mm
Leakage Current	standard < 0.5 mA (250 V / 60Hz) medical < 5 µA (250 V / 60 Hz)	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
Dielectric Strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)	Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves
Allowable Operation Temp.	-25°C to 85°C	Line Switch	2-pole, non-illuminated, acc. to IEC 61058-1 Technical Details
Climatic Category	25/085/21 acc. to IEC 60068-1	Voltage Selector	optional, step, 2-4 digits
Degree of Protection	IP 40 acc. to	Line Filter	Standard and Medical Version, IEC 60939, UL 1283, CSA C22.2 no. 8 Technical Details
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140	MTBF	> 1'200'000 h acc. to MIL-HB-217 F
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		

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
2	Medical (M80)	2 x 4	68	0.47	1
4	Medical (M80)	2 x 1.5	68	0.47	1
10	Medical (M80)	2 x 0.3	68	0.47	1

DiagramsStandard version
with voltage selector

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

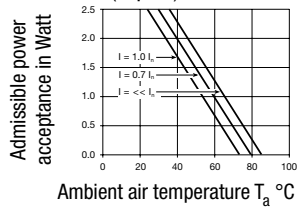
Medical version
with voltage selector

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

Derating Curves

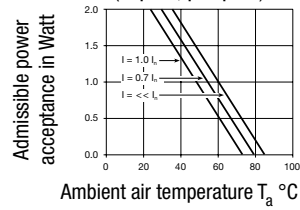
Fuses

5 x 20 mm (1-pole)



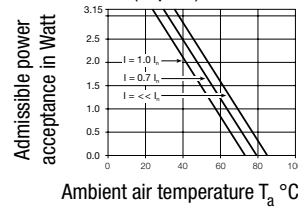
Fuses

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



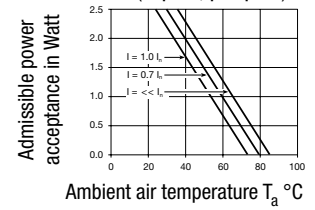
Fuses

6.3 x 32 mm (1-pole)



Fuses

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

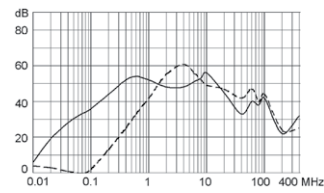


Attenuation Loss

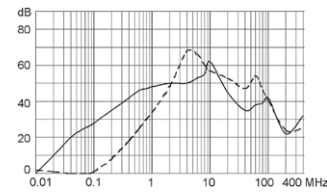
Standard version

--- 50Ω differential mode — 50Ω common mode

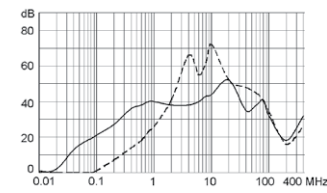
1 A



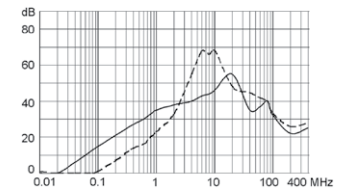
2 A



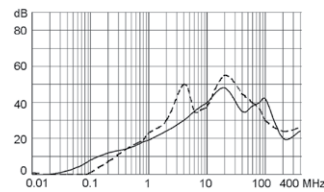
4 A



6 A

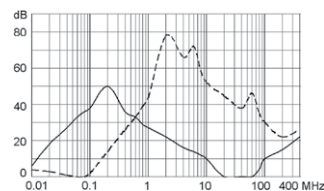


10 A

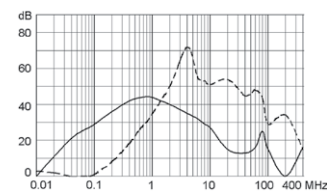


Medical version (M5)

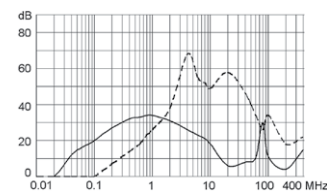
1 A



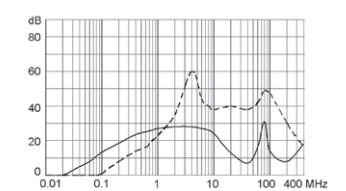
2 A



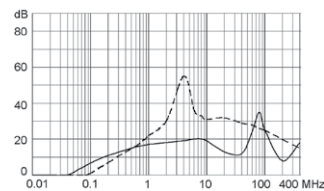
4 A



6 A



10 A



All Variants

Type	Rated Current [A]	Filter-Type	Fuseholder	Line Switch	Voltage Selector	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	■
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	6	Medical Version (M5)	2-pole	2-pole	-	CDE4.1101.151	
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	6	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDE4.4101.151.21	
CD	10	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDL4.4101.151	■
CD	2	Medical (M80)	2-pole	2-pole	2-4 digits	CDB4.4101.151	
CD	4	Medical (M80)	2-pole	2-pole	2-4 digits	CDD4.4101.151	
CD	10	Medical (M80)	2-pole	2-pole	2-4 digits	CDM4.4101.151	
CD	10	Medical (M80)	2-pole	2-pole	2-4 digits	CDM4.4101.151.21	

■ Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/Stock-Check/Stock-Check-SCHURTER>

Suffix ".21" corresponds to the version with 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.

Packaging unit 10 Pcs

Required Accessory

Description

Fusedrawer 3

Fusedrawer for Fuse Links 5x20 mm resp. 6.3x32 mm



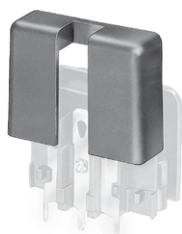
Fingergrip, 5 x 20, 2-pole, Voltage Selector	4303.2014.00
Fingergrip, 5 x 20, 2-pole, Voltage Selector, 100, 120, 220, 240	4303.2014.01
Fingergrip, 5 x 20, 2-pole, Voltage Selector, 110, 150, 220	4303.2014.02
Fingergrip, 5 x 20, 2-pole, Voltage Selector, 110, 220	4303.2014.03

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Accessories



Wire Harness
Wire harness for SCHURTER products



Assorted Covers
Rear Cover

0859.0077



Cord retaining kits
Cord retaining strain relief

Flat head, A

4700.0001

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

Appliance Outlet further types to CD

Connector Overview complete



4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4022
4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4012 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4012

Connector further types to CD

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Mating Outlets/Connectors shuttered



Power Cord Overview complete

VAC13KS, Overview, diverse Connector IEC C13, cord end:	VAC13KS
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Power Cord further types to CD

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schurter:

<u>CD34.1101.151</u>	<u>CD24.4101.151</u>	<u>CD11.1501.151</u>	<u>CD11.4501.151</u>	<u>CD14.1101.151</u>	<u>CD14.4101.151</u>	<u>CD14.4198.151</u>
<u>CD14.4199.151</u>	<u>CD21.1501.151</u>	<u>CD21.4501.151</u>	<u>CD21.4599.151</u>	<u>CD23.4101.151</u>	<u>CD24.1101.151</u>	<u>CD24.4198.151</u>
<u>CD24.4199.151</u>	<u>CD31.1501.151</u>	<u>CD31.4501.151</u>	<u>CD34.1133.151</u>	<u>CD34.4101.151</u>	<u>CD34.4133.151</u>	<u>CD34.4199.151</u>
<u>CD41.1501.151</u>	<u>CD41.4501.151</u>	<u>CD41.4599.151</u>	<u>CD44.1101.151</u>	<u>CD44.4101.151</u>	<u>CD44.4198.151</u>	<u>CD44.4199.151</u>
<u>CD61.1501.151</u>	<u>CD61.4501.151</u>	<u>CD64.1101.151</u>	<u>CD64.4101.151</u>	<u>CDA4.1101.151</u>	<u>CDA4.4101.151</u>	
<u>CDA4.4199.151</u>	<u>CDC4.1101.151</u>	<u>CDC4.4101.151</u>	<u>CDC4.4199.151</u>	<u>CDD4.4101.151</u>	<u>CDE4.4101.151</u>	
<u>CDE4.4199.151</u>	<u>CDG4.4101.151</u>	<u>CDL4.4101.151</u>	<u>CDL4.4133.151</u>	<u>CD43.1101.151</u>		