

IEC Appliance Inlet C14 with Filter, Fuseholder 1-or 2-pole (5 x 20 mm or 6.3x32 mm, with or without voltage selector (series-parallel))

Standard- or Medical-Filter



V-Lock

Fuse drawer and voltage selector insert must be ordered separately.



### Description

- Panel Mount:  
Screw-on mounting from front side
- 4 Functions:  
Appliance Inlet, Fuseholder with interchangeable fuse drawer for Fuse-links 5 x 20 mm or 6.3 x 32 mm 1- or 2-pole, Voltage Selectors (series-parallel), Line filter in standard and medical version
- Quick connect terminals 4.8 x 0.8 mm

### Approvals

- VDE Certificate Number: 40004665 (FKA, FKB)
- UL File Number: E72928 (FKA, FKB)

### Characteristics

- All single elements are already partially 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
- Qualified for use in equipment according IEC/EN 60950

### References

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

### Weblinks

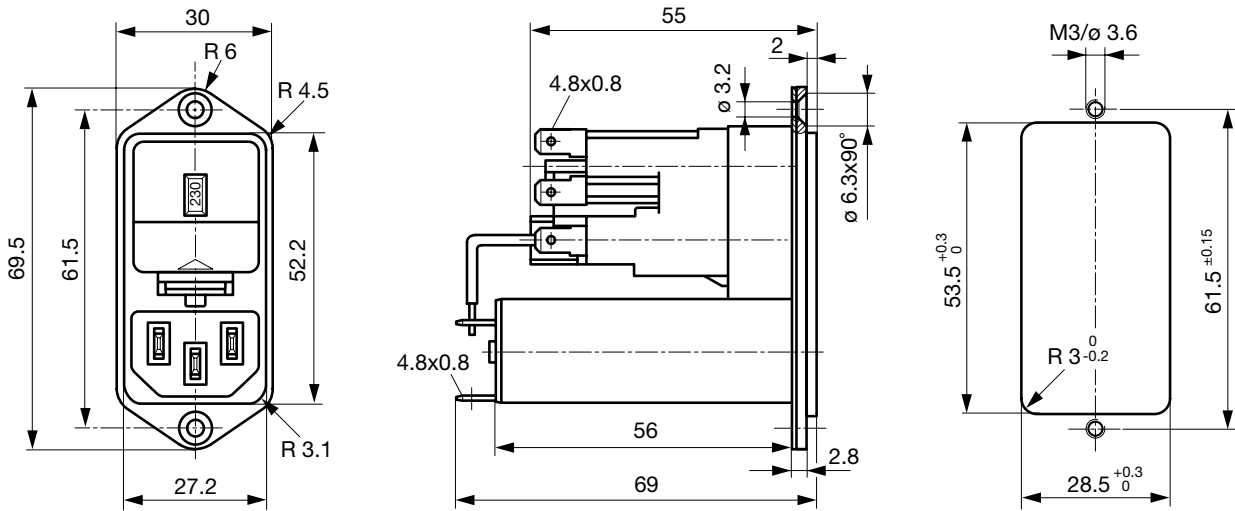
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed request for product](#)

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 / 250 VAC; 50Hz	Appliance-Inlet/-Outlet	C14 acc. to IEC 60320, 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 / 125 VAC; 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 / 60 Hz) 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	Voltage Selectors	series-parallel, 4, 3 or 2 switch positions or usable as 2-pole change-over switch
Climatic Category	25/085/21 acc. to IEC 60068-1	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>
Degree of Protection	from front side IP 40 acc. to IEC 60529	MTBF	> 1'400'000 h acc. to MIL-HB-217 F
Protection Class	Suitable for appliances with protection class I 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		

Dimensions



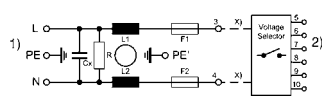
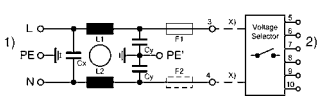
Technical Data of Filter-Components

Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	R [M $\Omega$ ]
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 Version (M80)	2 x 4	68	0.47	1

Diagrams

Standard version

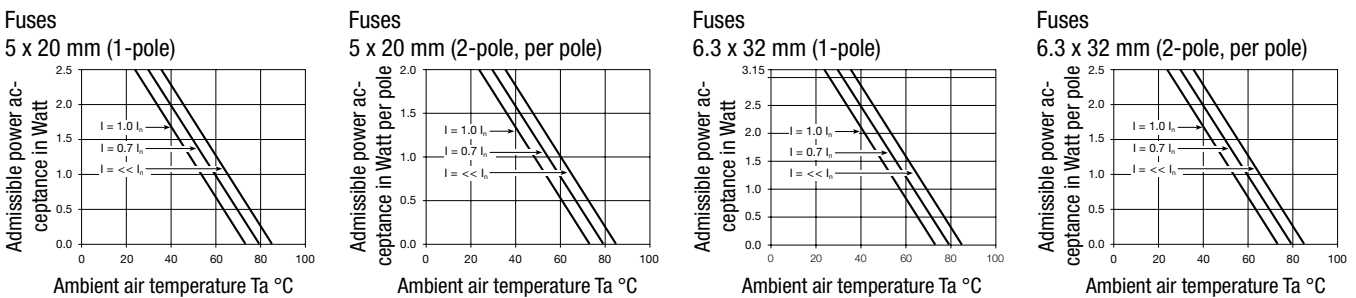
Medical version



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

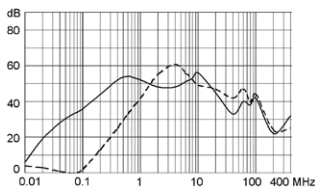


**Attenuation Loss**

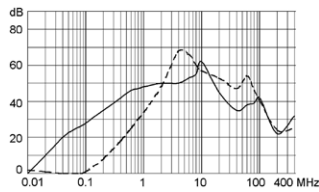
Standard version

--- differential mode    — common mode

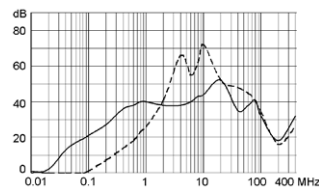
1 A



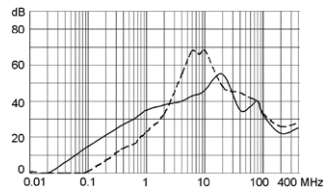
2 A



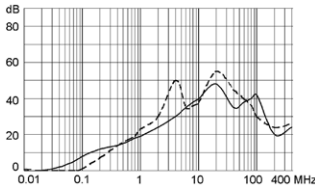
4 A



6 A

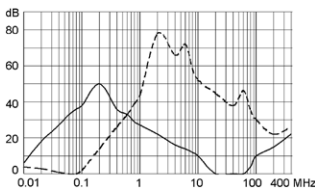


10 A

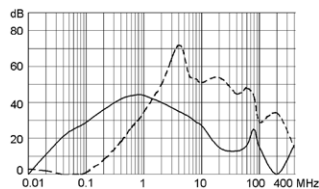


Medical version (M5)

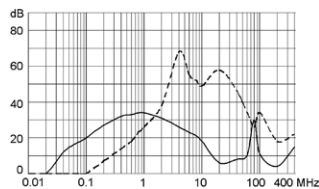
1 A



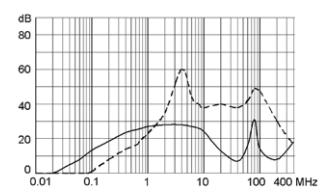
2 A



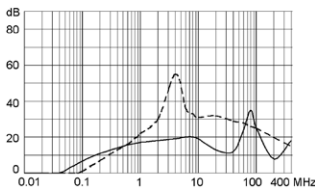
4 A



6 A



10 A



**Variants**

Fuse drawer and voltage selector insert must be ordered separately.

Rated Current [A]	Filter-Type	Fuseholder	Order Number
1	Standard Version	1-pole	CE16.5100.151
2	Standard Version	1-pole	CE26.5100.151
4	Standard Version	1-pole	CE36.5100.151
6	Standard Version	1-pole	CE46.5100.151
10	Standard Version	1-pole	CE66.5100.151
1	Standard Version	2-pole	CE10.6100.151
2	Standard Version	2-pole	CE20.6100.151
4	Standard Version	2-pole	CE30.6100.151
6	Standard Version	2-pole	CE40.6100.151
10	Standard Version	2-pole	CE60.6100.151
1	Medical Version (M5)	2-pole	CEG0.6100.151
2	Medical Version (M5)	2-pole	CEA0.6100.151
4	Medical Version (M5)	2-pole	CEC0.6100.151
6	Medical Version (M5)	2-pole	CEE0.6100.151
10	Medical Version (M5)	2-pole	CEL0.6100.151

Packaging unit 10 Pcs

Required Accessory

Description



Jumper Wire 1  
Connection with Stranded Cable

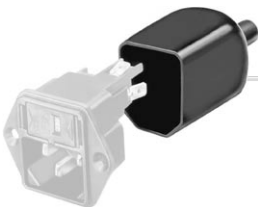


Fusedrawer 1  
Fusedrawer for Fuse Links 5x20mm resp.. 6.3x32mm



Voltage Selectors Insert 1  
Voltage Selector Insert to KE, CE, KG, CG

Accessories



Assorted Covers  
Rear Cover



Cord retaining kits  
Cord retaining strain relief

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 CE

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
<a href="#">Connector further types to CE</a>	...

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
<a href="#">Power Cord further types to CE</a>	...