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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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IEC Appliance Inlet C14 with Filter, Fuseholder 1- or 2-pole (5x20 mm or 6.3x32 mm), optional Voltage Selector (step switch)

Standard- or Medical-Filter



V-Lock



with voltage selector



without voltage selector



Description

- Panel Mount :
Screw-on mounting from front side
- 4 Functions :
Appliance Inlet Protection class I , 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
- Suitable for various fuses
- Highly resistant since fully potted
- V-Lock cord retaining

Approvals

- VDE Certificate Number: 40004665 (FKO, FKP, FKQ, FKR)
- UL File Number: E72928 (FKO, FKP, FKQ, FKR)

Characteristics

- All single elements are already wired
- The fuse drawer "Fingergrip" 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

Other versions on request

- Variant with notch for V-Lock mating Cordsets

References

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

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

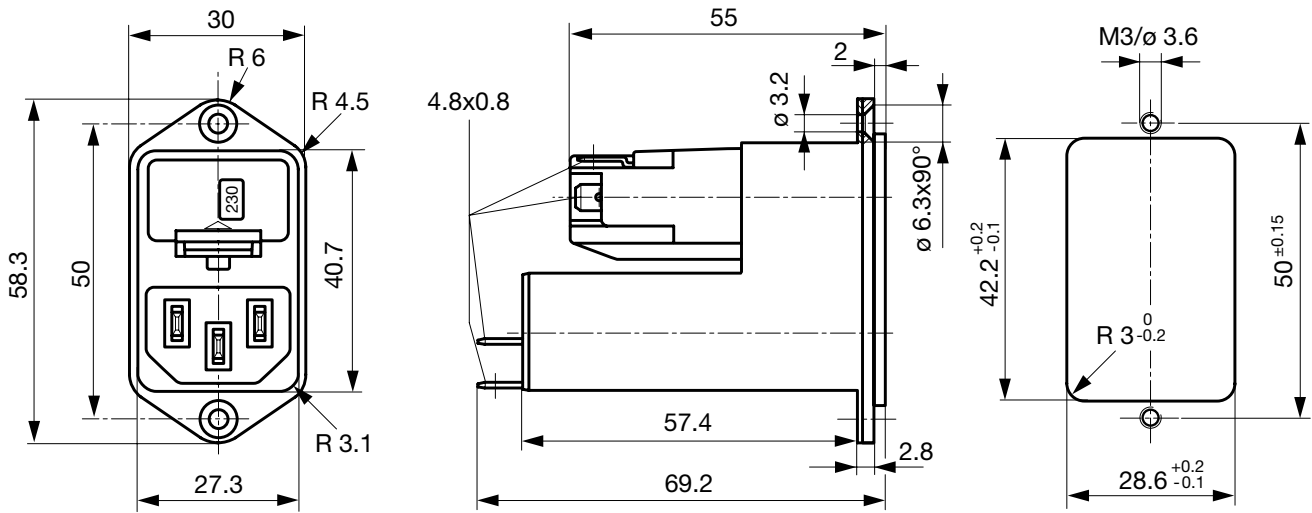
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

Ratings IEC	1 - 10A @ Ta 40 °C / 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 Temperature	-25 °C to 85 °C	Voltage Selector	optional, step, 3 pos.
Climatic Category	25/085/21 acc. to IEC 60068-1	Line Filter	Standard and Medical Version, IEC 60939, UL 1283, CSA C22.2 no. 8 Technical Details
IP-Protection	from front side IP 40 acc. to IEC 60529	MTBF	> 1'700'000h 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	Screw: max 8 mm Mounting screw torque max 0.5Nm		
Material: Housing	Thermoplastic, black, UL 94V-0		

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

Dimension

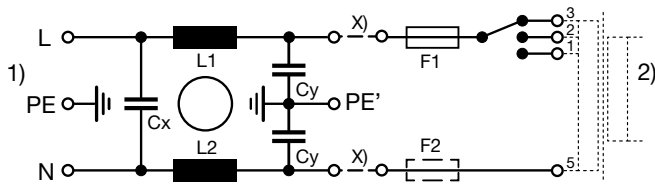


Technical Data of Filter-Components

Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	R [M Ω]
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
10	Standard and Medical Version	2 x 0.3	68	2.2	1

Diagrams

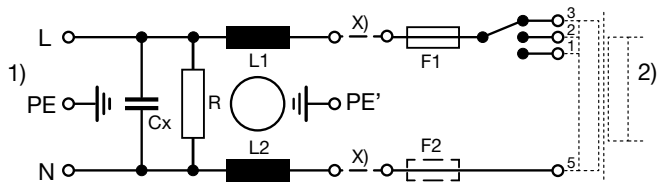
Standard version with voltage selector



x) external connection to be made by the customer

- 1) Line
- 2) Load

Medical version (M5) with voltage selector



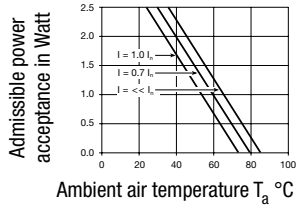
x) external connection to be made by the customer

- 1) Line
- 2) Load

Derating Curves

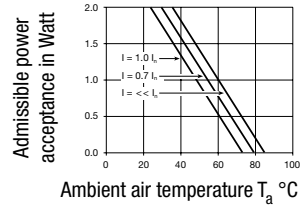
Fuses

5 x 20 mm (1-pole)



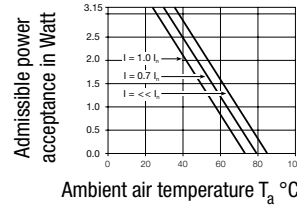
Fuses

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



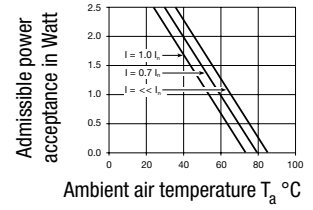
Fuses

6.3 x 32 mm (1-pole)



Fuses

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

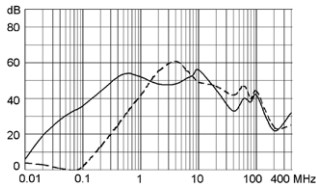


Attenuation Loss

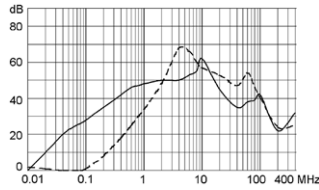
Standard version

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

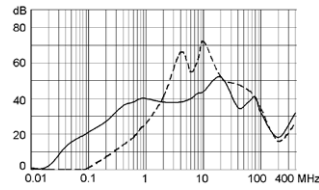
1 A



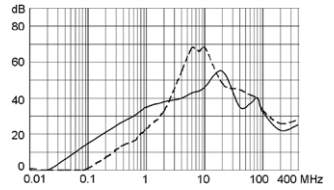
2 A



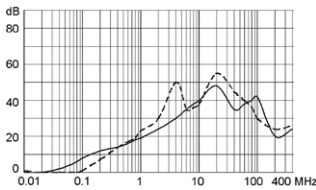
4 A



6 A

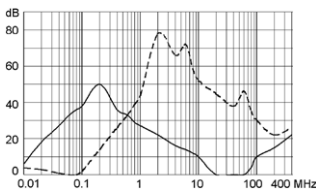


10 A

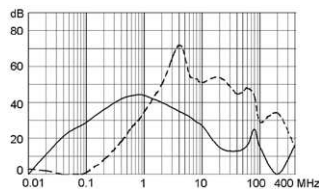


Medical version (M5)

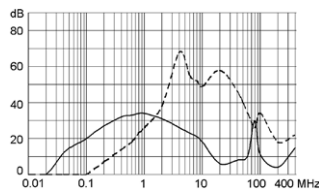
1 A



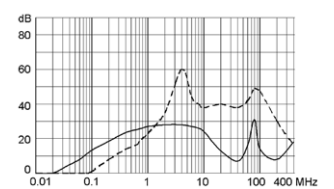
2 A



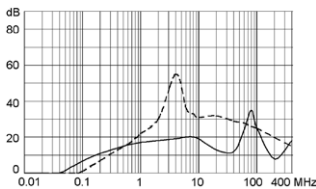
4 A



6 A



10 A



All Variants

Rated Current [A]	Filter-Type	Fuseholder	Voltage Selector	V-Lock	Order Number
1	Standard Version	1-pole	-		4303.5011
2	Standard Version	1-pole	-		4303.5012
4	Standard Version	1-pole	-		4303.5013
6	Standard Version	1-pole	-		4303.5014

Rated Current [A]	Filter-Type	Fuseholder	Voltage Selector	V-Lock	Order Number
10	Standard Version	1-pole	-		4303.5015
1	Standard Version	1-pole	3 pos.		4303.5031
2	Standard Version	1-pole	3 pos.		4303.5032
4	Standard Version	1-pole	3 pos.		4303.5033
6	Standard Version	1-pole	3 pos.		4303.5034
10	Standard Version	1-pole	3 pos.		4303.5035
1	Standard Version	2-pole	-		4303.5001
2	Standard Version	2-pole	-		4303.5002
4	Standard Version	2-pole	-		4303.5003
6	Standard Version	2-pole	-		4303.5004
10	Standard Version	2-pole	-		4303.5005
1	Standard Version	2-pole	3 pos.		4303.5021
2	Standard Version	2-pole	3 pos.		4303.5022
4	Standard Version	2-pole	3 pos.		4303.5023
6	Standard Version	2-pole	3 pos.		4303.5024
10	Standard Version	2-pole	3 pos.		4303.5025
1	Medical Version (M5)	2-pole	3 pos.		4303.5221
2	Medical Version (M5)	2-pole	3 pos.		4303.5223
4	Medical Version (M5)	2-pole	3 pos.		4303.5225
6	Medical Version (M5)	2-pole	3 pos.		4303.5227
10	Medical Version (M5)	2-pole	3 pos.	●	4303.5209.21
10	Medical Version (M5)	2-pole	3 pos.		4303.5229

Most Popular.

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

Packaging unit 10 Pcs

Required Accessory

Description

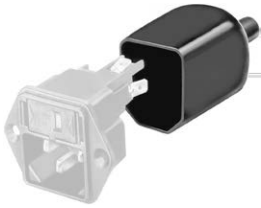
Fusedrawer 3
Fusedrawer for Fuse Links 5x20 mm resp. 6.3x32 mm



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



Assorted Covers
Rear Cover

0859.0072



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 KFC

Connector Overview complete



4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4022 Mounting: Power Supply Cord, 3 x 1.5 mm ² , Screw clamps, Connector: IEC C13	4022
4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4012 Mounting: Power Supply Cord, 3 x 1.5 mm ² , Screw clamps, Connector: IEC C13	4012

Connector further types to KFC

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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 KFC