

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 (Series-Parallel)

Standard- or Medical-Filter



Order required accessories separately



### 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, Voltage Selector (series-parallel), Line filter in standard and medical version
- Quick connect terminals 4.8 x 0.8 mm

### Approvals

- VDE Certificate Number: 40004665 (FKSA, FKSB)
- UL File Number: E72928 (FKSA, FKSB)

### Characteristics

- All single elements are already partially wired
- For added safety "Extra-Safe" fuse drawers are available
- 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 [KG](#)  
Alternative: Standard version

### Weblinks

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [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 / 250VAC; 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 / 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 (250V / 60Hz)<br>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<br>6.3 x 32: 3.15W (1 pole)/ 2.5W (2-pole) per pole                      |
| Dielectric Strength       | > 1.7 kVDC between L-N<br>> 2.7 kVDC between L/N-PE<br>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<br><a href="#">Technical Details</a>                                    |
| Climatic Category         | 25/085/21 acc. to IEC 60068-1   | Voltage Selector                  | series-parallel, 4, 3 or 2 switch positions or usable as 2-pole change-over switch                                   |
| Degree of Protection      | from front side IP 40 acc. to IEC 60529                                     | Line Filter                       | Standard and Medical Version, IEC 60939, UL 1283, CSA C22.2 no. 8<br><a href="#">Technical Details</a>               |
| Protection Class          | Suitable for appliances with protection class I acc. to IEC 61140           | MTBF                              | > 1'100'000h acc. to MIL-HB-217 F  |
| Terminal                  | Quick connect terminals 4.8 x 0.8 mm  |                                   |  |
| Panel Thickness s         | Screw: max 8 mm<br>Mounting screw torque max 0.5Nm                          |                                   |  |
| Material: Housing         | Thermoplastic, black, UL 94V-0  |                                   |  |

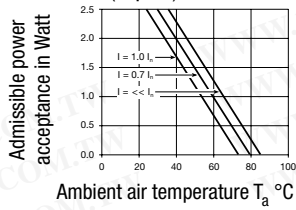
勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



**Derating Curves**

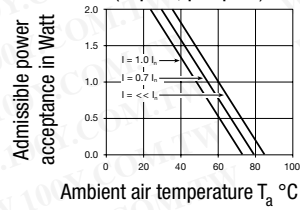
Fuses

5 x 20 mm (1-pole)



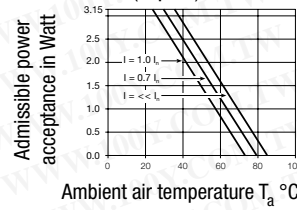
Fuses

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



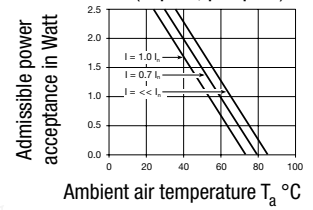
Fuses

6.3 x 32 mm (1-pole)



Fuses

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

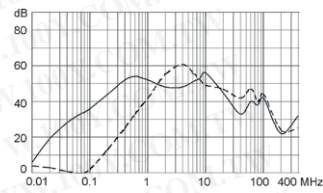


**Attenuation Loss**

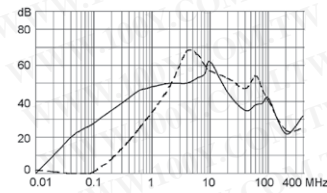
Standard version

- - - differential mode    \_\_\_\_\_ common mode

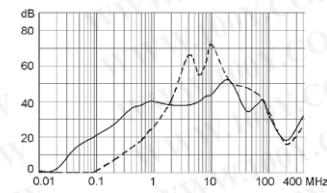
1 A



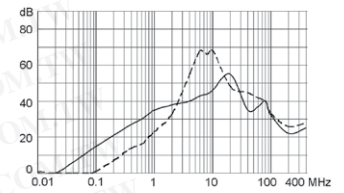
2 A



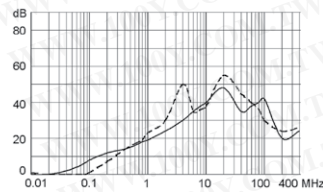
4 A



6 A

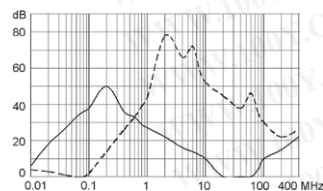


10 A

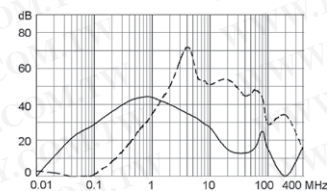


Medical version (M5)

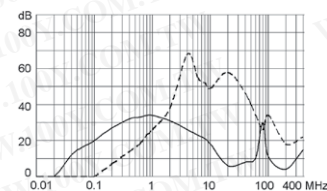
1 A



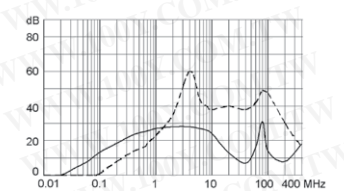
2 A



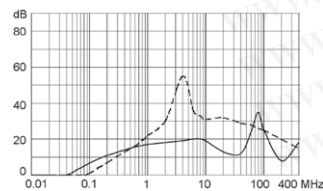
4 A



6 A



10 A



## All Variants

| Type | Rated Current [A] | Filter-Type          | Fuseholder | Line Switch | Line Switch | Order Number  |
|------|-------------------|----------------------|------------|-------------|-------------|---------------|
| CG   | 1                 | Standard Version     | 1-pole     | 2-pole      | -           | CG16.5101.151 |
| CG   | 2                 | Standard Version     | 1-pole     | 2-pole      | -           | CG26.5101.151 |
| CG   | 4                 | Standard Version     | 1-pole     | 2-pole      | -           | CG36.5101.151 |
| CG   | 6                 | Standard Version     | 1-pole     | 2-pole      | -           | CG46.5101.151 |
| CG   | 10                | Standard Version     | 1-pole     | 2-pole      | -           | CG66.5101.151 |
| CG   | 1                 | Standard Version     | 2-pole     | 2-pole      | -           | CG10.6101.151 |
| CG   | 2                 | Standard Version     | 2-pole     | 2-pole      | -           | CG20.6101.151 |
| CG   | 4                 | Standard Version     | 2-pole     | 2-pole      | -           | CG30.6101.151 |
| CG   | 6                 | Standard Version     | 2-pole     | 2-pole      | -           | CG40.6101.151 |
| CG   | 10                | Standard Version     | 2-pole     | 2-pole      | -           | CG60.6101.151 |
| CG   | 1                 | Medical Version (M5) | 2-pole     | 2-pole      | -           | CGG0.6101.151 |
| CG   | 2                 | Medical Version (M5) | 2-pole     | 2-pole      | -           | CGA0.6101.151 |
| CG   | 4                 | Medical Version (M5) | 2-pole     | 2-pole      | -           | CGC0.6101.151 |
| CG   | 6                 | Medical Version (M5) | 2-pole     | 2-pole      | -           | CGE0.6101.151 |
| CG   | 10                | Medical Version (M5) | 2-pole     | 2-pole      | -           | CGL0.6101.151 |

 Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/en/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** 5 Pcs

## Required Accessory

## Description

## Voltage Selectors Insert 1

Voltage Selector Insert to KE, CE, KG, CG



|  |              |
|--|--------------|
| 3 or 4 switch positions                        | 4305.0048.00 |
| 1, 3 or 4 switch positions, 100, 120, 220, 240 | 4305.0048.01 |
| 3, 3 or 4 switch positions, 130, 110, 240, 220 | 4305.0048.02 |
| 2, 2 switch positions, 110, 220                | 4305.0048.03 |
| ...  | ...          |

## Fusedrawer 1

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



|                  |           |
|------------------|-----------|
| 5 x 20, 2-pole   | 4305.0001 |
| 5 x 20, 1-pole   | 4305.0006 |
| 6.3 x 32, 2-pole | 4305.0011 |
| 6.3 x 32, 1-pole | 4305.0016 |
| ...              | ...       |

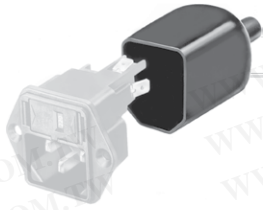
## Jumper Wire 1

Connection with Stranded Cable



|                |           |
|----------------|-----------|
| Type A, 70 mm  | 0881.0074 |
| Type A, 100 mm | 0881.0075 |
| Type B, 70 mm  | 0881.0076 |
| Type B, 100 mm | 0881.0077 |

Accessories



Assorted Covers  
Rear Cover

0859.0109



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 CG

Connector Overview complete



4782 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13

4782

4022 Mounting: Power Supply Cord, 3 x 1.5 mm<sup>2</sup>, Screw clamps, Connector: IEC C13

4022

4785 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13

4785

4300-06 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13

4300-06

4012 Mounting: Power Supply Cord, 3 x 1.5 mm<sup>2</sup>, Screw clamps, Connector: IEC C13

4012

Connector further types to CG

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Mating Outlets/Connectors shuttered

Power Cord Overview complete



VAC17KS, North America, 2.0 m, Connector C17, cord end:

6051.2801

VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end:

6051.2803

VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end:

6051.2813

VAC13KS, Overview, diverse Connector IEC C13, cord end:

VAC13KS

Power Cord further types to CG

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