

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

## 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
- 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

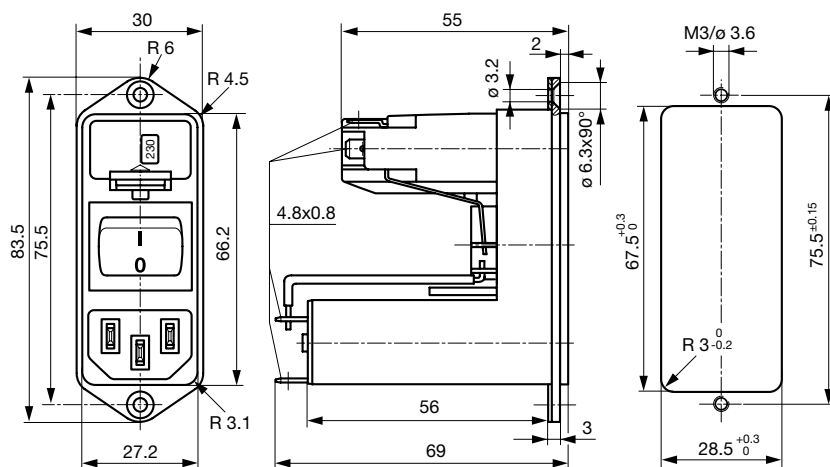
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Wire Harnessing](#), [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.

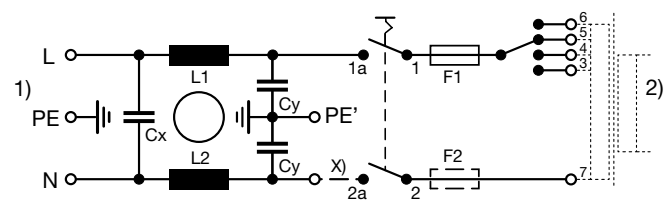
## Technical Data

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Ratings IEC               | 1 - 10A @ Ta 40 °C / 250VAC; 50Hz                                           |
| Ratings UL/CSA            | 1 - 10A @ Ta 40 °C / 125VAC; 60Hz                                           |
| Leakage Current           | standard < 0.5 mA (250 V / 60Hz)<br>medical < 5 µA (250 V / 60 Hz)          |
| Dielectric Strength       | > 1.7 kVDC between L-N<br>> 2.7 kVDC between L/N-PE<br>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 I acc. to IEC 61140           |
| Terminal                  | Quick connect terminals 4.8 x 0.8 mm                                        |
| Panel Thickness s         | Screw: max 8 mm<br>Mounting screw torque max 0.5 Nm                         |
| Material: Housing         | Thermoplastic, black, UL 94V-0                                              |

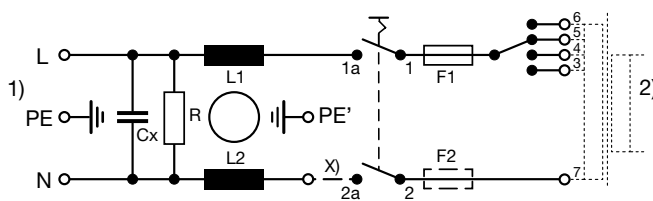
|                                   |                                                                                                                      |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 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 |
| 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<br>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                       | 2-pole, non-illuminated, acc. to IEC 61058-1<br><a href="#">Technical Details</a>                                    |
| Voltage Selector                  | optional, step, 2-4 digits                                                                                           |
| Line Filter                       | Standard and Medical Version, IEC 60939, UL 1283, CSA C22.2 no. 8<br><a href="#">Technical Details</a>               |
| MTBF                              | > 1'200'000 h acc. to MIL-HB-217 F                                                                                   |

**Dimension**  
CD**Technical Data of Filter-Components**

| Rated Current<br>[A] | Filter-Type          | Inductances<br>L [mH] | Capacitance<br>CX [nF] | Capacitance<br>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      |

**Diagrams**Standard version  
with voltage selector

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

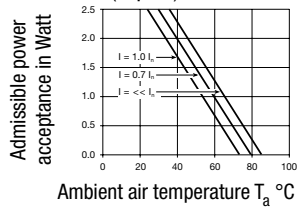
Medical version  
with voltage selector

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

## Derating Curves

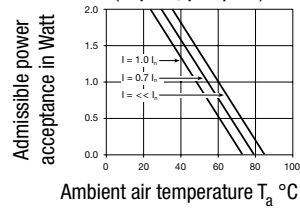
### Fuses

5 x 20 mm (1-pole)



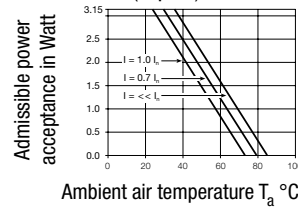
### Fuses

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



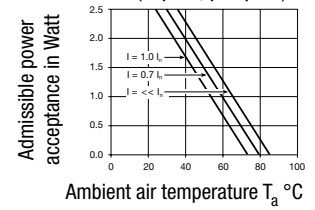
### Fuses

6.3 x 32 mm (1-pole)



### Fuses

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

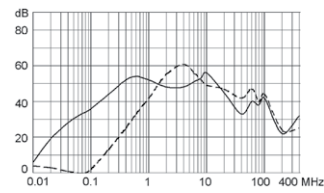


## Attenuation Loss

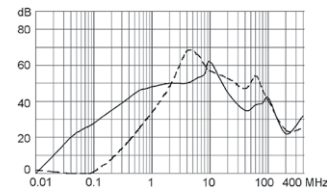
Standard version

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

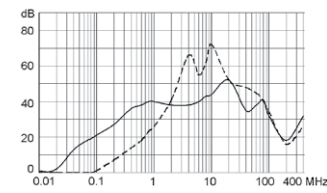
1 A



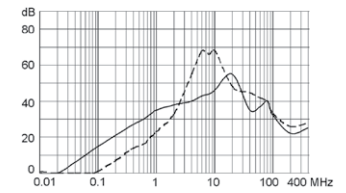
2 A



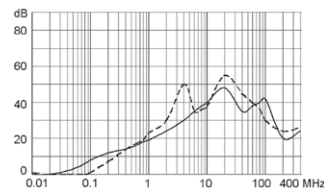
4 A



6 A

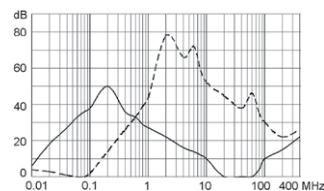


10 A

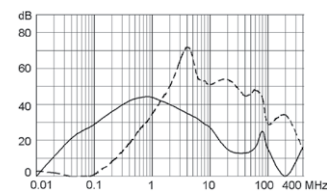


Medical version (M5)

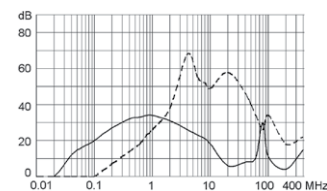
1 A



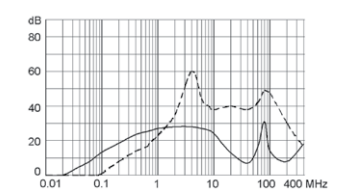
2 A



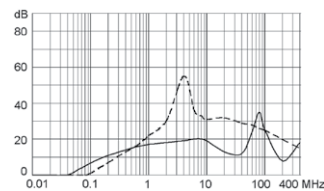
4 A



6 A



10 A



## All Variants

| Type | Rated Current [A] | Filter-Type          | Fuseholder | Line Switch | 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/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** 10 Pcs

## Required Accessory

## Description

## Fusedrawer 3

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



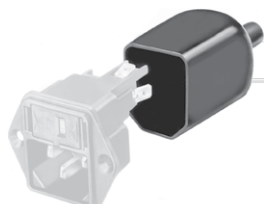
|                                                                  |              |
|------------------------------------------------------------------|--------------|
| Fingergrip, 5 x 20, 2-pole, Voltage Selector                     | 4303.2014.00 |
| Fingergrip, 5 x 20, 2-pole, Voltage Selector, 100, 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



|                                                         |           |
|---------------------------------------------------------|-----------|
| 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 CD