

IEC Appliance Inlet C14 with Fuseholder 1- or 2-pole, Line Switch 2-pole and Voltage Selector

Standard or Medical Fuse drawer



Order required accessories separately



### Description

- Panel Mount:  
Screw-on version from front or rear side, snap-in version from front side
- 4 Functions:  
Appliance Inlet Protection class I, Line Switch 2-pole, Fuseholder with interchangeable fuse drawer for Fuse-links 5x20 mm or 6.3x32 mm, with or without voltage selector (step)
- Quick connect terminals 4.8 x 0.8 mm

### Approvals

- VDE Certificate Number: 40029908
- UL File Number: E93617
- CSA File Number: 38456
- CCC File Number: 2010010204409773

### 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

### Other versions on request

- Line switch, illuminated
- Line switch with other rocker marking
- Line switch 1-pole
- For protection class II

### References

Alternative: version with line filter [CD](#)

### 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](#)

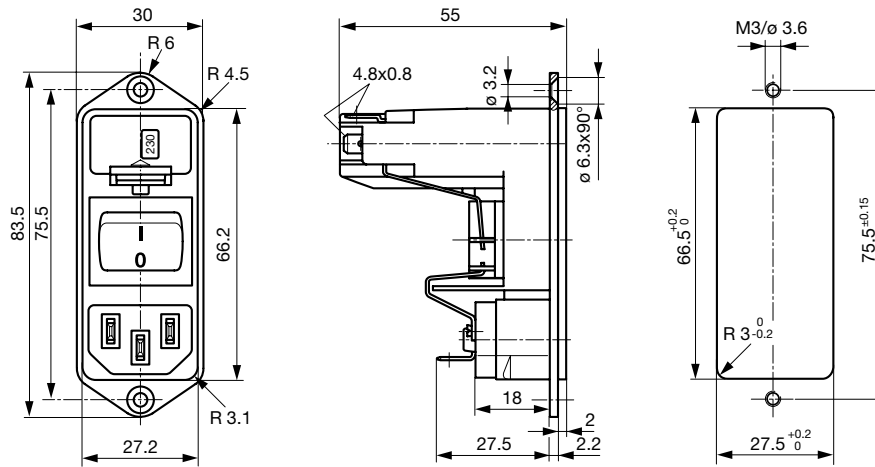
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

### Technical Data

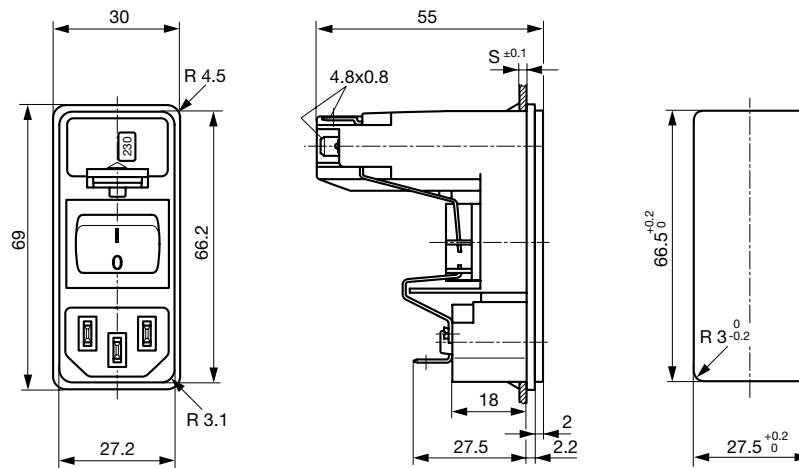
|                           |                                                                            |                                   |                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Ratings IEC               | 10A / 250VAC; 50Hz                                                         | Appliance Inlet                   | 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            | 10A / 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                        |
| Dielectric Strength       | > 3kVAC between L-N<br>> 4kVAC between L/N-PE<br>(1 min/50Hz)              | 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                      |
| Allowable Operation Temp. | -25 °C to 70 °C                                                            | Power Acceptance @ Ta > 23°C      | Admissible power acceptance at higher ambient temperature see derating curves                                        |
| Degree of Protection      | from front side IP 40 acc. to IEC 60529                                    | Line Switch                       | Rocker switch 2-pole, non-illuminated, acc. to IEC 61058-1<br><a href="#">Technical Details</a>                      |
| Protection Class          | Suitable for appliances with protection class I acc. to IEC 61140          | Voltage Selector                  | optional, step, 2-4 digits                                                                                           |
| Terminal                  | Quick connect terminals 4.8 x 0.8 mm, tin-plated                           |                                   |                                                                                                                      |
| Panel Thickness s         | Screw: max 8mm<br>Mounting screw torque max 0.5Nm<br>Snap-in: 1.5/2/2.5 mm |                                   |                                                                                                                      |
| Material: Housing         | Thermoplastic, black, UL 94V-0                                             |                                   |                                                                                                                      |

## Dimensions

Screw-on mounting



Snap-in mounting



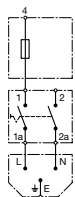
## Diagrams

without voltage selector

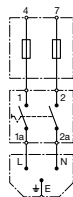
without voltage selector

with voltage selector

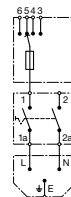
with voltage selector



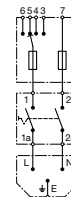
1-pole



2-pole



1-pole

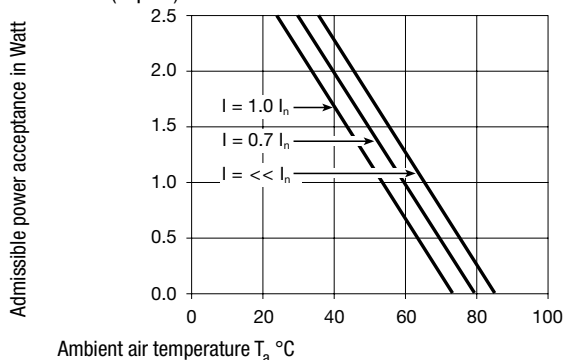


2-pole

## Derating Curves

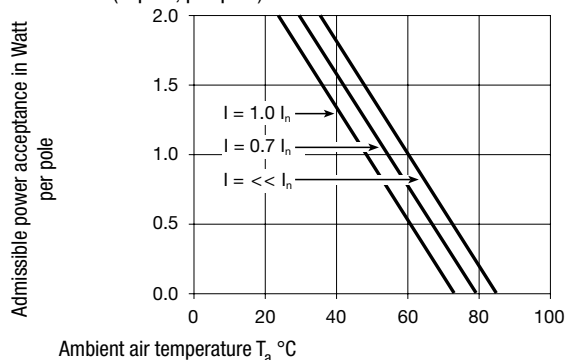
### Fuses

#### 5 x 20 mm (1-pole)



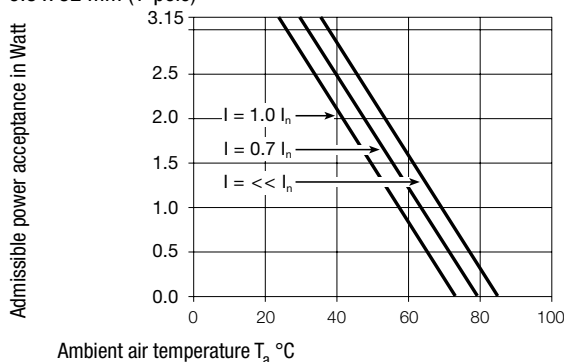
### Fuses

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



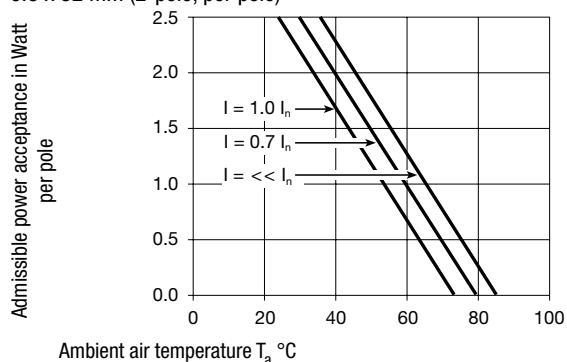
### Fuses

#### 6.3 x 32 mm (1-pole)



### Fuses

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



## All Variants

| Type | Panel mounting | Panel Thickness<br>s [mm] | Fuseholder | Line Switch   | Voltage selector max.<br>4 pos* | Order Number     |
|------|----------------|---------------------------|------------|---------------|---------------------------------|------------------|
| KD   | Snap-in        | 1.5                       | 1-pole     | Rocker switch | -                               | KD13.1101.105    |
| KD   | Snap-in        | 2                         | 1-pole     | Rocker switch | -                               | KD13.1101.107    |
| KD   | Snap-in        | 2.5                       | 1-pole     | Rocker switch | -                               | KD13.1101.109    |
| KD   | Snap-in        | 1.5                       | 1-pole     | Rocker switch | 2-4 digits                      | KD13.4101.105    |
| KD   | Snap-in        | 2                         | 1-pole     | Rocker switch | 2-4 digits                      | KD13.4101.107    |
| KD   | Snap-in        | 2.5                       | 1-pole     | Rocker switch | 2-4 digits                      | KD13.4101.109    |
| KD   | Snap-in        | 1.5                       | 2-pole     | Rocker switch | -                               | KD14.1101.105    |
| KD   | Snap-in        | 2                         | 2-pole     | Rocker switch | -                               | KD14.1101.107    |
| KD   | Snap-in        | 2.5                       | 2-pole     | Rocker switch | -                               | KD14.1101.109    |
| KD   | Snap-in        | 1.5                       | 2-pole     | Rocker switch | 2-4 digits                      | KD14.4101.105    |
| KD   | Snap-in        | 2                         | 2-pole     | Rocker switch | 2-4 digits                      | KD14.4101.107    |
| KD   | Snap-in        | 2.5                       | 2-pole     | Rocker switch | 2-4 digits                      | KD14.4101.109    |
| KD   | Screw          | -                         | 1-pole     | Rocker switch | -                               | KD13.1101.151    |
| KD   | Screw          | -                         | 1-pole     | Rocker switch | 2-4 digits                      | KD13.4101.151    |
| KD   | Screw          | -                         | 2-pole     | Rocker switch | -                               | KD14.1101.151    |
| KD   | Screw          | -                         | 2-pole     | Rocker switch | -                               | KD14.1101.151.21 |
| KD   | Screw          | -                         | 2-pole     | Rocker switch | 2-4 digits                      | KD14.4101.151    |

Most Popular.

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

Can be used as 2-/3-position voltage selector - take only corresponding terminals

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

20 Pcs

Required Accessory

Description

Fusedrawer 3

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



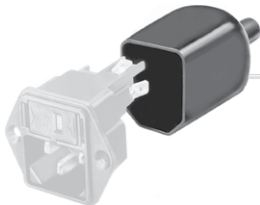
|                                                                 |              |
|-----------------------------------------------------------------|--------------|
| Fingerrip, 5 x 20, 2-pole, Voltage Selector                     | 4303.2014.00 |
| Fingerrip, 5 x 20, 2-pole, Voltage Selector, 100,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

Accessories



Wire Harness

Wire harness for SCHURTER products



Assorted Covers

Rear Cover

|           |
|-----------|
| 0859.0074 |
|-----------|



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 KD

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 KD

...

## 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 KD](#)