

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



Order required accessories separately



Approvals and Compliances

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)
- V-Lock notch standard Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.
- Quick connect terminals 4.8 x 0.8 mm

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 (without CCC approval)

References

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

Weblinks

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

Technical Data

| | |
|---------------------------------|--|
| Ratings IEC | 10A / 250VAC; 50Hz |
| Ratings UL/CSA | 10A / 125VAC; 60Hz |
| Dielectric Strength | > 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50Hz) |
| Allowable Operation Temperature | -25 °C to 70 °C |
| IP-Protection | from front side IP 40 acc. to IEC 60529 |
| Insulation cover | Suitable for appliances with protection class I acc. to IEC 61140 |
| Terminal | Quick connect terminals 4.8 x 0.8 mm , tin-plated |
| Panel Thickness S | Screw: max 8 mm Mounting screw torque max 0.5 Nm Snap-in: 1.5/2/2.5 mm |
| Material: Housing | Thermoplastic, black, UL 94V-0 |

| | |
|-----------------------------------|--|
| 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 |
| Fuseholder | 1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32mm |
| 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 |
| Power Acceptance @ Ta > 23°C | Admissible power acceptance at higher ambient temperature see derating curves |
| Line Switch | Rocker switch 2-pole, non-illuminated, acc. to IEC 61058-1 Technical Details |
| Voltage Selector | optional, step, 2-4 digits |

Approvals and Compliances

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

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.
 Approval Reference Type: KD

| Approval Logo | Certificates | Certification Body | Description |
|--|---------------|--------------------|-----------------------------------|
|  | VDE Approvals | VDE | Certificate Number: 40029908 |
|  | UL Approvals | UL | UL File Number: E93617 |
|  | CSA Approvals | CSA | CSA Certification Record: 38456 |
|  | CQC Approvals | CQC | CCC File Number: 2010010204409773 |

Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|------------------|---|
|  | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
|  | Designed according to | IEC 60127-6 | Miniature fuses. Part 6. Fuse-holders for miniature fuse-links |
|  | Designed according to | IEC 61058-1 | Switches for appliances. Part 1. General requirements |
|  | Designed according to | UL 498 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 42 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

Application standards

Application standards where the product can be used

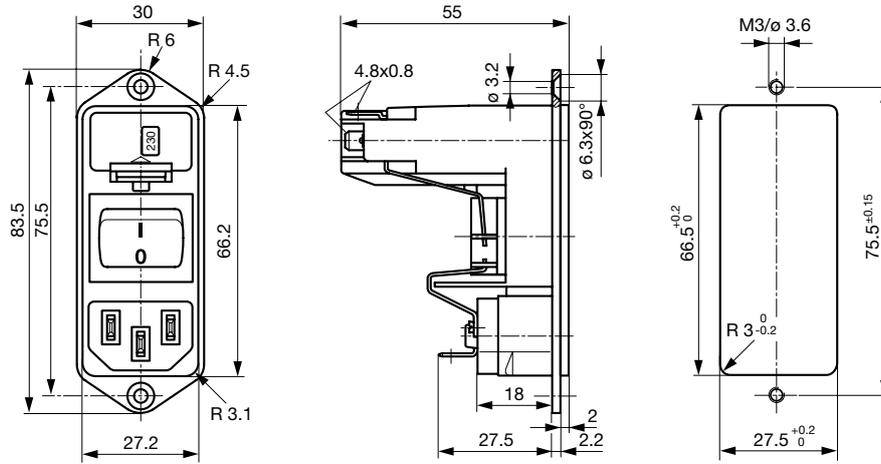
| Organization | Design | Standard | Description |
|--|--------------------------------|--------------|---|
|  | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment. |
|  | Designed for applications acc. | IEC 60601-1 | Medical electrical equipment - Part 1: General requirements for basic safety and essential performance |
|  | Designed for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13. |

Compliances

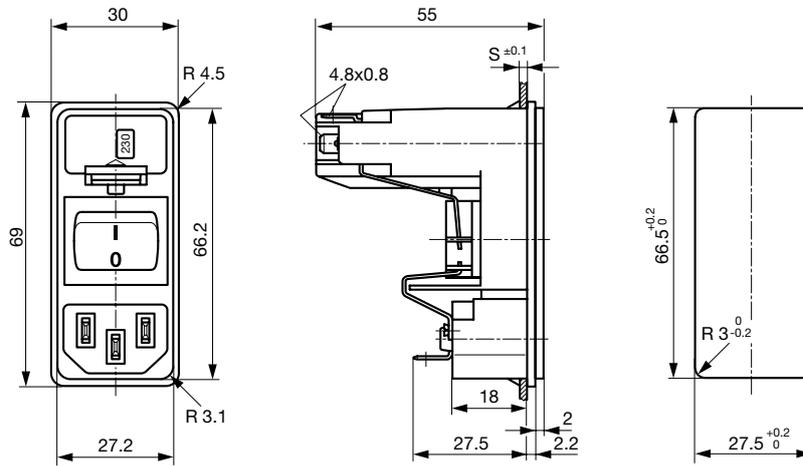
The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|--|------------------------------|-------------|--|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | RoHS | SCHURTER AG | EU Directive RoHS 2011/65/EU |
|  | China RoHS | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS. |
|  | REACH | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |
|  | MicrositeV-Lock | SCHURTER AG | V-Lock system are based on a matching plug-dose combination. 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. |
|  | Medical Equipment | SCHURTER AG | Suitable for use in medical equipment according to IEC/UL 60601-1 |

Dimensions [mm]
 Screw-on mounting

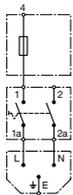


Snap-in mounting



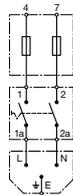
Diagrams

without voltage selector



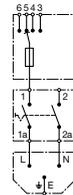
1-pole

without voltage selector



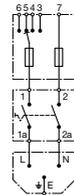
2-pole

with voltage selector



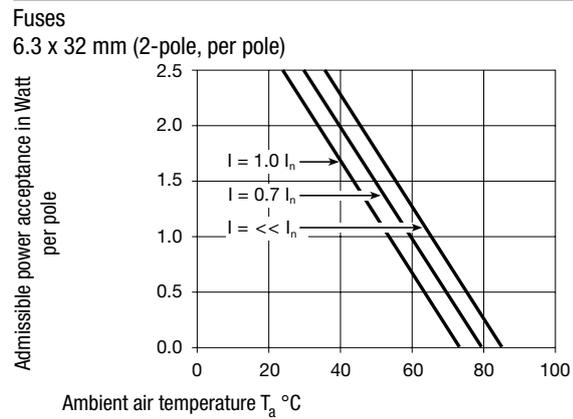
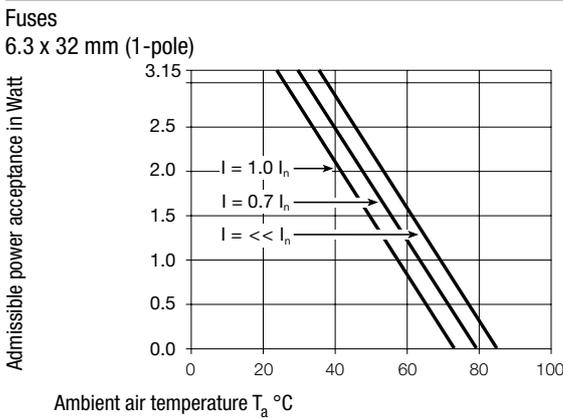
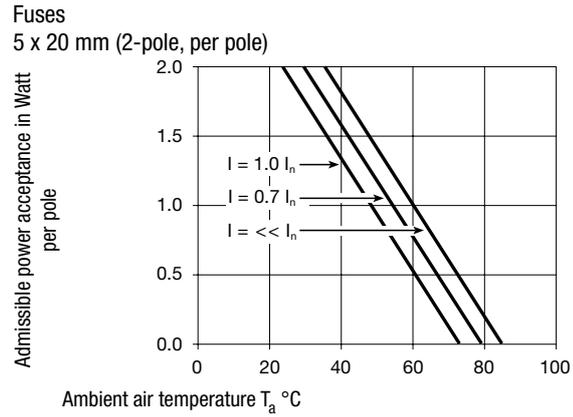
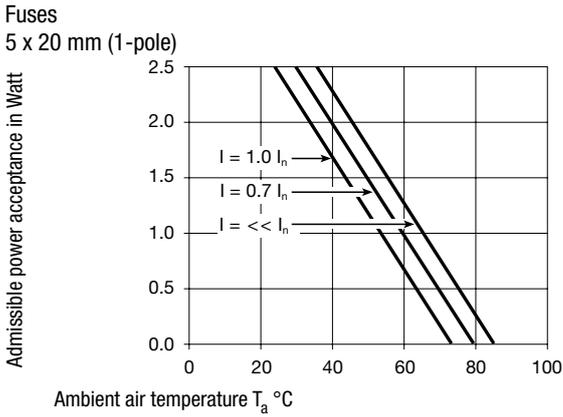
1-pole

with voltage selector



2-pole

Derating Curves



All Variants

| Type | Panel mounting | Panel Thickness s [mm] | Fuseholder | Line Switch | Voltage selector max. 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 | 2-4 digits | KD14.4101.151 |

Most Popular.

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

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

Packaging unit 20 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

0859.0074



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 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 KD

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Mating Outlets/Connectors shuttered



[Power Cord Overview complete](#)

[VAC13KS, Overview, diverse Connector IEC C13, cord end:](#)

VAC13KS

[Power Cord further types to KD](#)