## IEC Appliance Inlet C14 with Line Switch 2-pole



Screw-on mounting and line Switch illuminated red



Screw-on mounting and line Switch illuminated non-illuminated



Screw-on mounting and line Switch illuminated green
PCB Mounting

C14

70° C

See below:
**Approvals and Compliances**

### Description
- Panel mount :
  Screw-on mounting on PCB/Panel backside with screws M3
- 2 Functions :
  Appliance Inlet Protection class I , Line Switch 2-pole
- For PCB mounting

### Characteristics
- Ultra-compact design
- All single elements are already wired
- Unwired versions available on request
- Line switch non-illuminated or illuminated
- Standard versions with rear-side insulation cover
- Ideal for application with high transient loads
- Suitable for use in equipment according to IEC/UL 62368-1

### Other versions on request
- Fixing on PCB with self-tapping screws 3 mm or pre-inserted nuts M3
- Other rocker marking
- For protection class II
- Without cover

### References
Alternative: version with line filter   DC22

### Weblinks
pdf data sheet, html datasheet, General Product Information, Approvals, Distributor-Stock-Check, Accessories, Detailed request for product, Landing Page

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 | 10 A / 250 VAC; 50 Hz | Appliance inlet/-outlet | C14 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I |
| Ratings UL/CSA | 15 A / 250 VAC; 60 Hz | | |
| Dielectric Strength | > 2.5 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50 Hz) | Line Switch | Rocker switch 2-pole, non-illuminated or illuminated, acc. to IEC 61058-1 Technical Details |
| Allowable Operation Temperature | -25 °C to 70 °C | | |
| IP-Protection | from front side IP40 acc. to IEC 60529 | | |
| Protection against electric shock | Suitable for appliances with protection class I acc. to IEC 61140 | | |
| Terminal | For PCB mounting : Ground terminal: Quick connect terminals 4.8 x 0.8 mm | | |
| Panel Thickness S | Screw: max 3.5 mm Mounting screw torque max 0.5 Nm | | |
| Material: Housing | Thermoplastic, black, UL 94V-0 | | |

### Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

## Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.
Approval Reference Type: DC21

| Approval Logo | Certificates | Certification Body | Description |
|---|---|---|---|
| | VDE Approvals | VDE | Certificate Number: 40007009 |
| | UL Approvals | UL | UL File Number: E96454 |
| | CCC Approvals | CCC | CCC Certificate Number: 2017180204002872/2017180204002912 |

## Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|---|---|---|---|
| IEC | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
| IEC | Designed according to | IEC 61058-1 | Switches for appliances. Part 1. General requirements |
| UL | Designed according to | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
| CSA Group | Designed according to | CSA C22.2 no. 60320-1 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

## Application standards

Application standards where the product can be used

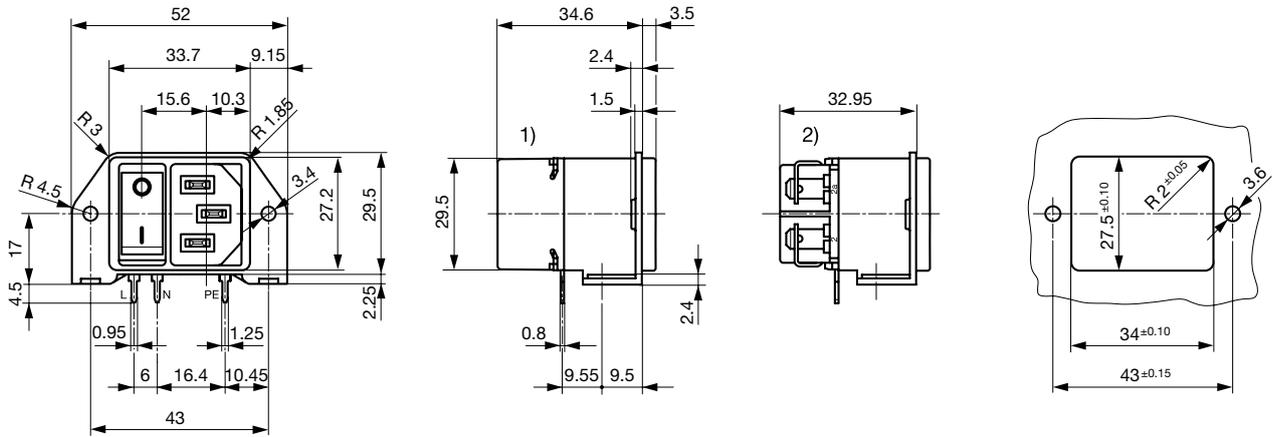| Organization | Design | Standard | Description |
|---|---|---|---|
| IEC | Designed for applications acc. | IEC/UL 62368-1 | IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment. |

## Compliances

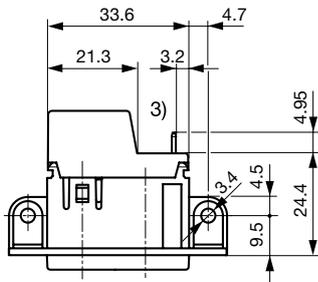The product complies with following Guide Lines

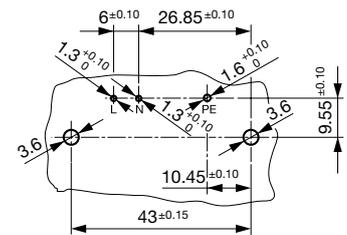| Identification | Details | Initiator | Description |
|---|---|---|---|
| CE | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
| RoHS | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
| China RoHS | 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 | 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. |
| V-Lock | Landing Page V-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. |

## Dimensions [mm]
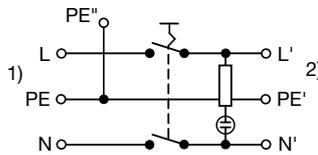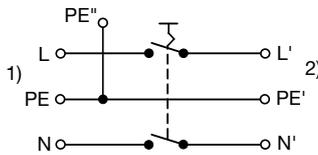Screw-on mounting



1) with cover
2) without cover



3) PE additionally as quick-connect terminal 4.8 x 0.8 mm

## Diagrams

Line switch non-illuminated 2-pole



1) Line
2) Load

Line switch illuminated 2-pole



1) Line
2) Load

## All Variants

| Panel mounting | Line Switch | Illumination | Color | V-Lock | Order Number | |
|---|---|---|---|---|---|---|
| Screw | 2-pole | | - | | DC21.0021.1111 | ▌ |
| Screw | 2-pole | | - | ● | DC21.0021.1111.21 | |
| Screw | 2-pole | ● | red | | DC21.0023.1111 | ▌ |
| Screw | 2-pole | ● | green | | DC21.0024.1111 | ▌ |

▌ Most Popular.

Availability for all products can be searched real-time:https://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** | 40 Pcs |
|---|---|

## Accessories

| | **Description** | |
|---|---|---|
| | Cord retaining kits | |
| | Cord retaining strain relief | |
| | Flat head, G | 4700.0007 |

## Mating Outlets/Connectors

| | **Category / Description** | |
|---|---|---|
| | Appliance Outlet Overview complete | |
| | 4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I | 4787 |
| | 4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder terminals or quick connect terminals, 10 A, Suitable for appliances with protection class I | 4788 |
| | IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal | 5091 |
| | Appliance Outlet further types to DC21 | |
| | Connector Overview complete | |
| | 4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4782 |
| | 4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4785 |
| | 4012 Mounting: Power Supply Cord, 3 x 1 mm², Screw clamps, Connector: IEC C13 | 4012 |
| | 4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4300-06 |
| | 4781 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C15 | 4781 |
| | Connector further types to DC21 | ... |

## Mating Outlets/Connectors shuttered

| | Connector Overview complete | |
|---|---|---|
| | 4783 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4783 |
| | Connector further types to DC21 | |
| | Power Cord Overview complete | |
| | VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black | VAC13KS |
| | Power Cord further types to DC21 | |

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