

## IEC Appliance Inlet C14 with Line Switch 1-pole



IEC connector C14 with line switch 1-pole  
Screw-on from front side  
non-illuminated, black



IEC connector C14 with line switch 1-pole  
Snap-in mounting from front side  
non-illuminated, black



See below:  
[Approvals and Compliances](#)

### Description

- Panel mount :  
Screw-on version from front or rear side, snap-in version from front side
- 2 Functions :  
Appliance Inlet Protection class I , Line Switch 1-pole
- Quick connect terminals 4.8 x 0.8 mm

### Characteristics

- All single elements are already wired
- Unwired versions available on request

### Other versions on request

- Unwired versions
- Line switch with other rocker marking
- For protection class II

### References

Alternative: version with line filter [KFB1](#)  
We recommend for new applications [DC11](#)  
Last order date: 15.12.2020

### Weblinks

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

### Technical Data

|                                   |                                                                              |                         |                                                                                                                                 |
|-----------------------------------|------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Ratings IEC                       | 10A / 250VAC; 50Hz                                                           | 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, 10A, Protection Class I |
| Ratings UL/CSA                    | 15A / 250VAC; 60Hz                                                           | Line Switch             | Rocker switch 1-pole, non-illuminated, acc. to IEC 61058-1 <a href="#">Technical Details</a>                                    |
| Dielectric Strength               | > 3kVAC between L-N<br>> 4kVAC between L/N-PE (1 min/50Hz)                   |                         |                                                                                                                                 |
| 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                          | Quick connect terminals 4.8 x 0.8 mm                                         |                         |                                                                                                                                 |
| Panel Thickness S                 | Screw: max 6 mm<br>Mounting screw torque max 0.5 Nm<br>Snap-in: 1.5/2/2.5 mm |                         |                                                                                                                                 |
| 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: KEB1

| Approval Logo                                                                    | Certificates  | Certification Body | Description                              |
|----------------------------------------------------------------------------------|---------------|--------------------|------------------------------------------|
|  | VDE Approvals | VDE                | Certificate Number: 40021941             |
|  | UL Approvals  | UL                 | UL File Number: E96454                   |
|  | CCC Approvals | CCC                | CCC Certificate Number: 2013010204598500 |

## 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 61058-1           | Switches for appliances. Part 1. General requirements                 |
|  | Designed according to | UL 60320-1            | Standard for Attachment Plugs and Receptacles                         |
|  | 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                                                                                                          |
|-----------------------------------------------------------------------------------|--------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------|
|  | 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. |

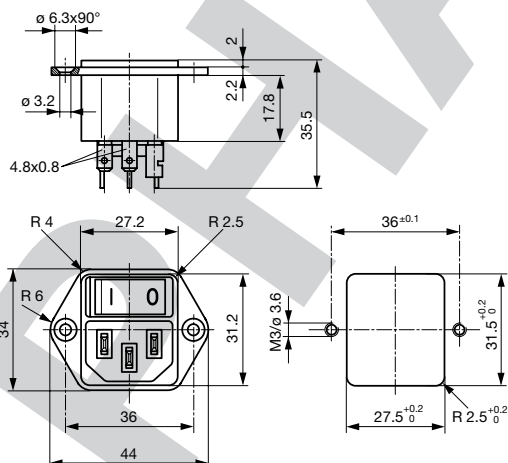
## Compliances

The product complies with following Guide Lines

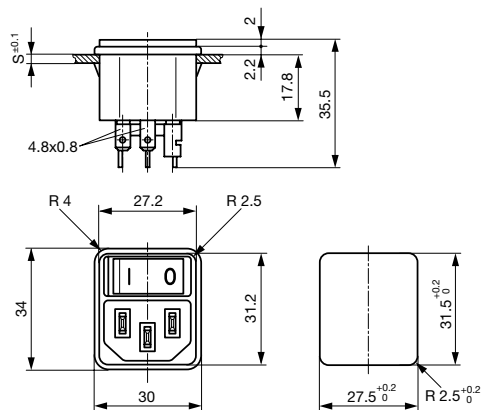
| Identification                                                                     | Details                      | Initiator   | Description                                                                                                                                                                                           |
|------------------------------------------------------------------------------------|------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | CE 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 | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863                                                                                                                                                    |
|  | 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.                               |

## Dimensions [mm]

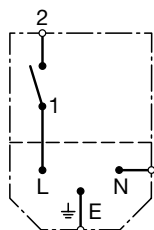
Screw-on mounting



Snap-in mounting



## Diagrams



non-illuminated

## All Variants

| Panel mounting | Panel Thickness s [mm] | Order Number |
|----------------|------------------------|--------------|
| Snap-in        | 1.5                    | 4302.0002    |
| Snap-in        | 2                      | 4302.0003    |
| Snap-in        | 2.5                    | 4302.0004    |
| Screw          | -                      | 4302.0001    |

Most Popular.

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

**Packaging unit** 50 Pcs

## Accessories

### Description



Assorted Covers  
Rear Cover

0859.0047

0859.0075

4311.9403



Cord retaining kits  
Cord retaining strain relief

Flat head, A

4700.0001

Countersunk, B

4700.0002

## 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 KEB1](#)



[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    |
| <a href="#">Connector further types to KEB1</a>                                 | ...     |

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