

IEC Appliance Inlet C14 or C18 with Fuseholder 1- or 2-pole



See below:  
[Approvals and Compliances](#)

**Description**

- Panel mount :  
Screw-on mounting from front or rear-side
- 2 Functions :  
Appliance Inlet protection class I or II , fuse-links 5 x 20 mm 1- or 2-pole
- 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 60695-2-11 or -12 & -13.
- Solder terminals 3.8 x 0.8 mm or quick connect terminals 6.3 x 0.8 mm

**Characteristics**

- All single elements are already wired
- With slotted screw type fuseholder
- Suitable for use in equipment according to IEC/UL 60950

**Other versions on request**

- Fuse carrier with IP65 protection degree

**Weblinks**

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

**Technical Data**

|                                 |   |
|---------------------------------|---|
| Ratings IEC                     | 10A / 250VAC; 50Hz  |
| Ratings UL/CSA                  | 10A / 250VAC; 60Hz  |
| Dielectric Strength             | > 2kVAC between L-N<br>> 3kVAC between L/N-PE<br>(1 min/50Hz)           |
| Allowable Operation Temperature | -25 °C to 70 °C   |
| IP-Protection                   | from front side IP40 acc. to IEC 60529                                  |
| Insulation cover                | Suitable for appliances with protection class I or II acc. to IEC 61140 |
| Terminal                        | Solder terminals or quick connect terminals                             |
| Panel Thickness S               | Screw: max 6 mm<br>Mounting screw torque max 0.5Nm                      |
| Material: Housing               | Thermoplastic, black, UL 94V-0  |

|                                   |  |
|-----------------------------------|--|
| appliance inlet/-outlet           | C14 or C18 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 or II |
| Fuseholder                        | 1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20mm   |
| Rated Power Acceptance @ Ta 23 °C | 5 x 20: 1.6W (1 pole)/ 1.6W (2-pole) per pole  |
| Power Acceptance @ Ta > 23°C      | Admissible power acceptance at higher ambient temperature see derating curves  |

**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: 4707

| Approval Logo | Certificates                  | Certification Body | Description                  |
|---------------|-------------------------------|--------------------|------------------------------|
|               | <a href="#">VDE Approvals</a> | VDE                | Certificate Number: 40006816 |
|               | <a href="#">UL Approvals</a>  | UL                 | UL File Number: E93617       |




## 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 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

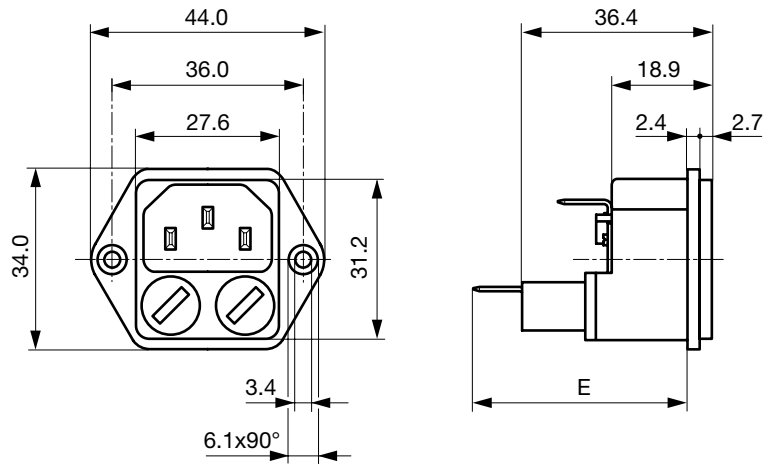
| Organization   | Design                         | Standard     | Description  |
|--|--------------------------------|--------------|--|
|  | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment.  |
|  | Designed 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 60695-2-11 or -12 & -13. |

## Compliances

The product complies with following Guide Lines

| Identification   | Details                                      | Initiator   | Description  |
|--|--|-------------|--|
|  | <a href="#">CE declaration of conformity</a> | 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.                        |
|  | <a href="#">RoHS</a>                         | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/836   |
|  | <a href="#">China RoHS</a>                   | 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.   |
|  | <a href="#">REACH</a>                        | 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.  |
|  |  | 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. |
|  | <a href="#">White paper Glow wire test</a>   | SCHURTER AG | Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13.  |
|  | <a href="#">Medical Equipment</a>            | SCHURTER AG | Suitable for use in medical equipment according to IEC/UL 60601-1  |

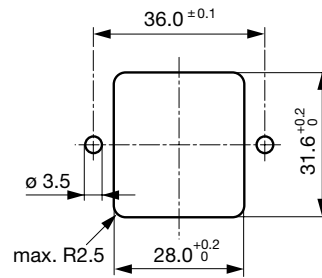
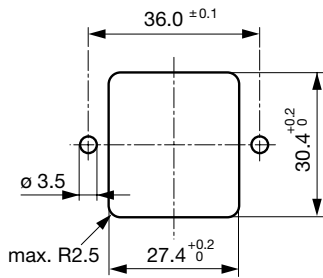
Dimensions [mm]



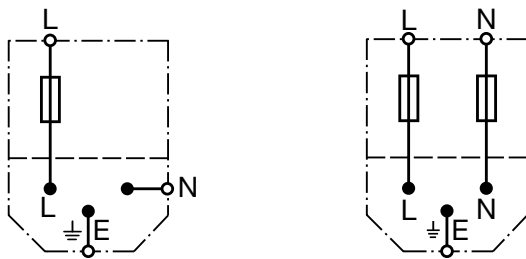
- E: solder terminals = 38 mm
- E: quick-connect terminals 6.3x0.8 = 41 mm
- E: quick-connect terminals 4.8x0.8 = 39.5 mm

Panel cut-out for front mounting

Panel cutout for rear side mounting



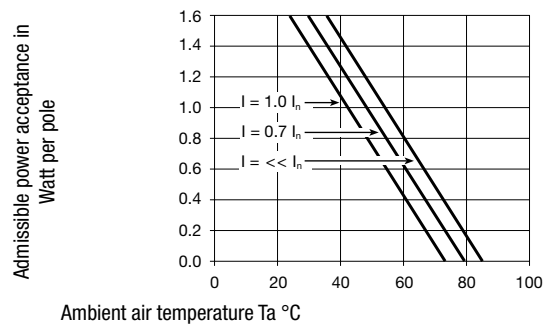
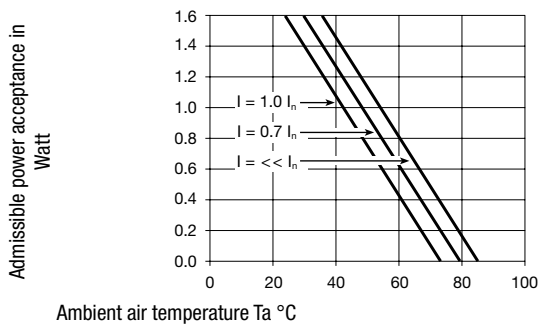
Diagrams



Derating Curves

1-pole

2-pole



All Variants

| Protection Class | Terminal                             | Fuseholder | Order Number |
|------------------|--------------------------------------|------------|--------------|
| I                | Quick connect terminals 6.3 x 0.8 mm | 1-pole     | 4707.1000    |
| I                | Solder terminals                     | 1-pole     | 4707.1300    |
| I                | Quick connect terminals 6.3 x 0.8 mm | 2-pole     | 4707.2000    |
| I                | Solder terminals                     | 2-pole     | 4707.2300    |
| II               | Quick connect terminals 6.3 x 0.8 mm | 2-pole     | 3-111-264    |

Most Popular.

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

Packaging unit 100 Pcs

Accessories

Description



Assorted Covers  
Rear Cover

0859.0047  
4311.9403



Cord retaining kits  
Cord retaining strain relief

Countersunk, B

4700.0002

Mating Outlets/Connectors

Category / Description



Appliance Outlet Overview complete

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 4707

Connector Overview complete



4022 Mounting: Power Supply Cord, 3 x 1.5 mm<sup>2</sup>, Screw clamps, Connector: IEC C13

4022

4782 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13

4782

4012 Mounting: Power Supply Cord, 3 x 1 mm<sup>2</sup>, Screw clamps, Connector: IEC C13

4012

4785 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13

4785

4300-06 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13

4300-06

Connector further types to 4707

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### Mating Outlets/Connectors shuttered



[Power Cord Overview complete](#)

VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black

[VAC13KS](#)

VAC17KS, V-Lock cord retaining, diverse m, Connector IEC C17, diverse, black / grey / white

[VAC17KS](#)

[Power Cord further types to 4707](#)