

## IEC Appliance Inlet C14 with Fuseholder 2-pole



Screw-on Version



Snap-in version



## 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 , Fuseholder for fuse-links 5 x 20 mm 2-pole
- 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.
- Solder terminals or quick connect terminals

### Characteristics

- All single elements are already wired
- Plug removal necessary for fuse-link replacement
- Suitable for use in equipment according to IEC/UL 60950

### Other versions on request

- Types for rivet mounting available upon request

### References

Alternative: version with line filter [5220](#)

Alternative: Fuseholder 1-pole [6202](#)

### Weblinks

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

### Technical Data

|                                 |  |
|---------------------------------|--|
| Ratings IEC                     | 10A / 250VAC; 50Hz   |
| Ratings UL/CSA                  | 10A / 250VAC; 60Hz   |
| Dielectric Strength             | > 2kVAC between L-N<br>> 2kVAC between L/N-PE<br>(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                        | Solder terminals or quick connect terminals , tin-plated                         |
| Panel Thickness S               | Screw: max 6 mm<br>Mounting screw torque max 0.5 Nm<br>Snap-in: 1/1.5/2/2.5/3 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                        | 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 2-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](#)

## Approvals






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

Approval Reference Type: 6220

| Approval Logo  | Certificates                  | Certification Body | Description                       |
|--|-------------------------------|--------------------|-----------------------------------|
|  | <a href="#">VDE Approvals</a> | VDE                | Certificate Number: 40046421      |
|  | <a href="#">UL Approvals</a>  | UL                 | UL File Number: E93617            |
|  | <a href="#">CSA Approvals</a> | CSA                | CSA Certification Record: 38456   |
|  | <a href="#">CQC Approvals</a> | CQC                | CCC File Number: 2013010204594655 |




## 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. |

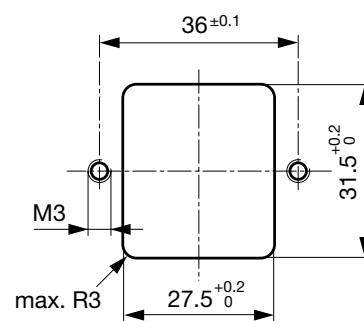
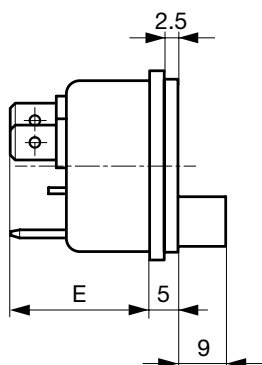
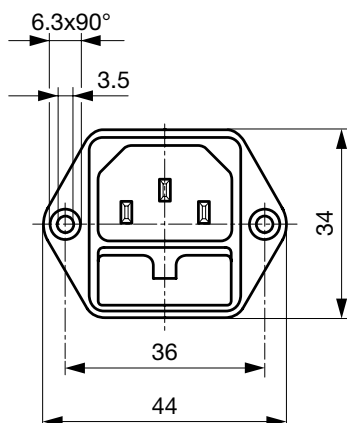
## Compliances

The product complies with following Guide Lines

| Identification   | Details                                      | Initiator   | Description   |
|--|--|-------------|---|
|  | <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 | EU Directive RoHS 2011/65/EU  |
|  | <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.                               |
|  | <a href="#">Medical Equipment</a>            | SCHURTER AG | Suitable for use in medical equipment according to IEC/UL 60601-1   |

## Dimensions [mm]

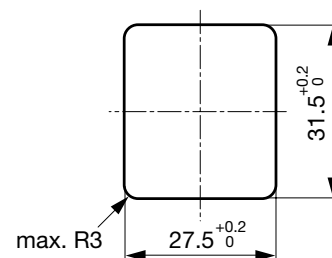
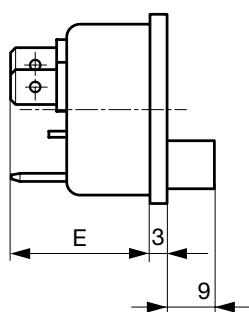
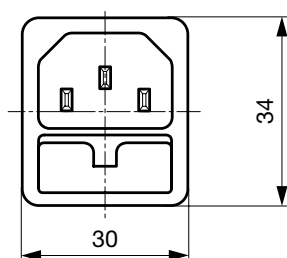
Screw-on mounting



E: Solder terminals 20.5 mm

E: Quick connect terminals 23.5 mm

Snap-in mounting

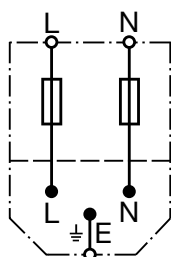


E: solder terminals 22.5 mm

E: quick-connect terminals 25.5 mm

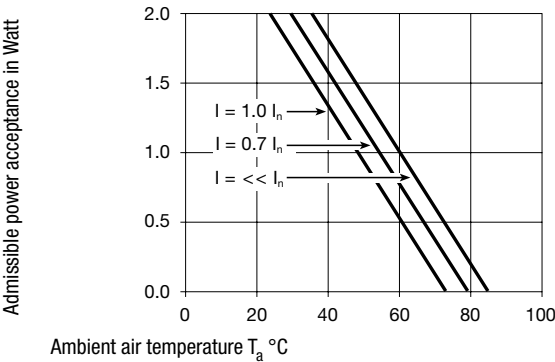
S: 1.0/1.5/2.0/2.5/3.0 mm

## Diagrams

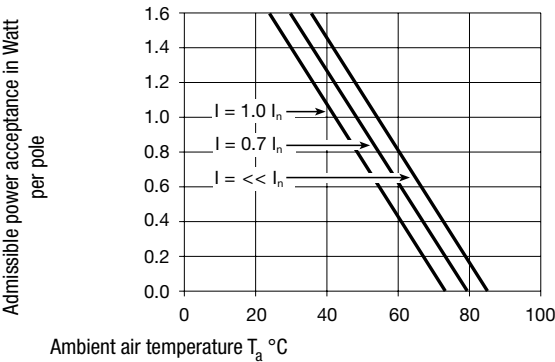


Derating Curves

1-pole



2-pole



All Variants

| Protection Class | Panel mounting | Panel Thickness<br>s [mm] | Fuseholder | Terminal                             | Internally wired | Order Number |
|------------------|----------------|---------------------------|------------|--------------------------------------|------------------|--------------|
| I                | Snap-in        | 1                         | 2-pole     | Quick connect terminals 4.8 x 0.8 mm | ●                | 6220.5210    |
| I                | Snap-in        | 1.5                       | 2-pole     | Quick connect terminals 4.8 x 0.8 mm | ●                | 6220.5215    |
| I                | Snap-in        | 2                         | 2-pole     | Quick connect terminals 4.8 x 0.8 mm | ●                | 6220.5220    |
| I                | Snap-in        | 2.5                       | 2-pole     | Quick connect terminals 4.8 x 0.8 mm | ●                | 6220.5225    |
| I                | Snap-in        | 3                         | 2-pole     | Quick connect terminals 4.8 x 0.8 mm | ●                | 6220.5230    |
| I                | Snap-in        | 1                         | 2-pole     | Quick connect terminals 6.3 x 0.8 mm | ●                | 6220.5310    |
| I                | Snap-in        | 1.5                       | 2-pole     | Quick connect terminals 6.3 x 0.8 mm | ●                | 6220.5315    |
| I                | Snap-in        | 2                         | 2-pole     | Quick connect terminals 6.3 x 0.8 mm | ●                | 6220.5320    |
| I                | Snap-in        | 2.5                       | 2-pole     | Quick connect terminals 6.3 x 0.8 mm | ●                | 6220.5325    |
| I                | Snap-in        | 3                         | 2-pole     | Quick connect terminals 6.3 x 0.8 mm | ●                | 6220.5330    |
| I                | Snap-in        | 1                         | 2-pole     | Solder terminals 3.8 x 0.8 mm        | ●                | 6220.5110    |
| I                | Snap-in        | 1.5                       | 2-pole     | Solder terminals 3.8 x 0.8 mm        | ●                | 6220.5115    |
| I                | Snap-in        | 2                         | 2-pole     | Solder terminals 3.8 x 0.8 mm        | ●                | 6220.5120    |
| I                | Snap-in        | 2.5                       | 2-pole     | Solder terminals 3.8 x 0.8 mm        | ●                | 6220.5125    |
| I                | Snap-in        | 3                         | 2-pole     | Solder terminals 3.8 x 0.8 mm        | ●                | 6220.5130    |
| I                | Screw          | -                         | 2-pole     | Quick connect terminals 4.8 x 0.8 mm | ●                | 6220.2200    |
| I                | Screw          | -                         | 2-pole     | Quick connect terminals 6.3 x 0.8 mm | ●                | 6220.2300    |
| I                | Screw          | -                         | 2-pole     | Solder terminals 3.8 x 0.8 mm        | ●                | 6220.2100    |

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

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



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 6220](#)

#### Connector Overview complete



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

4782

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

4022

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

4012 Mounting: Power Supply Cord, 3 x 1.5 mm<sup>2</sup>, Screw clamps, Connector: IEC C13

4012

[Connector further types to 6220](#)

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