

IEC Appliance Inlet C14 with Fuseholder 1-pole, wired



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
- Appliance Inlet Protection class I , Fuseholder for fuse-links 5 x 20 mm 1-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 60695-2-12 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 [5200](#)
- Alternative: Fuseholder 2-pole [6220](#)

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 / 250VAC; 60Hz |
| Dielectric Strength | > 2 kVAC between L-N > 2 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 | Solder terminals or quick connect terminals , tin-plated |
| Panel Thickness S | Screw: max 6 mm Mounting screw torque max 0.5Nm 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 | 1-pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20mm |
| Rated Power Acceptance @ Ta 23 °C | 5 x 20: 2W (1 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: 6200

| Approval Logo | Certificates | Certification Body | Description |
|--|-------------------------------|--------------------|-----------------------------------|
|  | VDE Approvals | VDE | Certificate Number: 40036853 |
|  | UL Approvals | UL | UL File Number: E93617 |
|  | CSA Approvals | CSA | CSA Certification Record: 38456 |
|  | CQC Approvals | 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 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. |

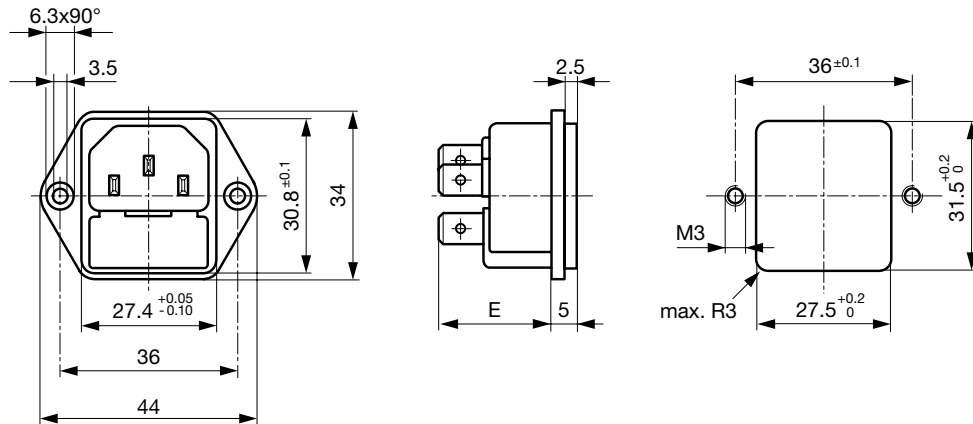
Compliances

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. |

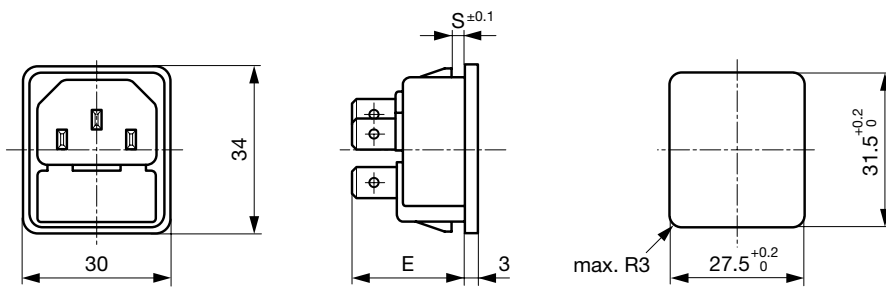
Dimensions [mm]

Screw-on mounting



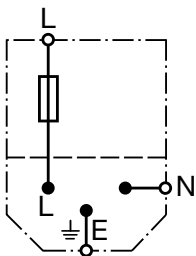
E: Solder terminals 20.5 mm
 E: Quick connect terminals 23.5 mm

Snap-in mounting



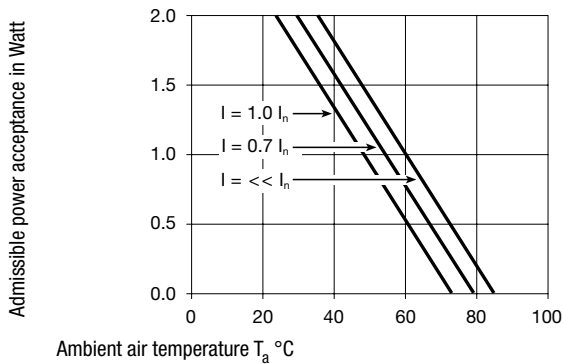
E: solder terminals 22.5 mm
 E: quick-connect terminals 25.5 mm
 S: 1.0/1.5/2.0/2.5/3.0 mm

Diagrams



Derating Curves

1-pole



All Variants

| Protection Class | Panel mounting | Panel Thickness s [mm] | Fuseholder | Terminal | Internally wired | Order Number |
|------------------|----------------|------------------------|------------|--------------------------------------|------------------|--------------|
| I | Snap-in | 1 | 1-pole | Quick connect terminals 4.8 x 0.8 mm | ● | 6200.4210 |
| I | Snap-in | 1.5 | 1-pole | Quick connect terminals 4.8 x 0.8 mm | ● | 6200.4215 |
| I | Snap-in | 2 | 1-pole | Quick connect terminals 4.8 x 0.8 mm | ● | 6200.4220 |
| I | Snap-in | 2.5 | 1-pole | Quick connect terminals 4.8 x 0.8 mm | ● | 6200.4225 |
| I | Snap-in | 3 | 1-pole | Quick connect terminals 4.8 x 0.8 mm | ● | 6200.4230 |
| I | Snap-in | 1 | 1-pole | Quick connect terminals 6.3 x 0.8 mm | ● | 6200.4310 |
| I | Snap-in | 1.5 | 1-pole | Quick connect terminals 6.3 x 0.8 mm | ● | 6200.4315 |
| I | Snap-in | 2 | 1-pole | Quick connect terminals 6.3 x 0.8 mm | ● | 6200.4320 |
| I | Snap-in | 2.5 | 1-pole | Quick connect terminals 6.3 x 0.8 mm | ● | 6200.4325 |
| I | Snap-in | 3 | 1-pole | Quick connect terminals 6.3 x 0.8 mm | ● | 6200.4330 |
| I | Snap-in | 1 | 1-pole | Solder terminals 3.8 x 0.8 mm | ● | 6200.4110 |
| I | Snap-in | 1.5 | 1-pole | Solder terminals 3.8 x 0.8 mm | ● | 6200.4115 |
| I | Snap-in | 2 | 1-pole | Solder terminals 3.8 x 0.8 mm | ● | 6200.4120 |
| I | Snap-in | 2.5 | 1-pole | Solder terminals 3.8 x 0.8 mm | ● | 6200.4125 |
| I | Snap-in | 3 | 1-pole | Solder terminals 3.8 x 0.8 mm | ● | 6200.4130 |
| I | Screw | - | 1-pole | Quick connect terminals 4.8 x 0.8 mm | ● | 6200.2200 |
| I | Screw | - | 1-pole | Quick connect terminals 6.3 x 0.8 mm | ● | 6200.2300 |
| I | Screw | - | 1-pole | Solder terminals 3.8 x 0.8 mm | ● | 6200.2100 |

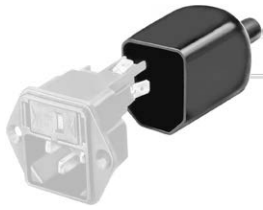
Most Popular.

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 6200](#)

Connector Overview complete



4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13

4782

4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13

4022

4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13

4785

4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13

4300-06

4012 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13

4012

[Connector further types to 6200](#)

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