

IEC Appliance Inlet C16, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal



6110-4



See below:

[Approvals and Compliances](#)

Description

- Panel Mount :
Snap-in version from front side
- 1 Function :
- Appliance Inlet , Pin temperature 120 °C , Protection class I
- Solder terminals or quick connect terminals

Other versions on request

- Other panel thickness
- Types for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 for the use in unattended household equipment acc. IEC 60335-1

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 | 15A / 250VAC; 60Hz |
| Dielectric Strength | > 2 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50 Hz) |
| Allowable Operation Temperature | -25 °C to 120 °C |
| IP-Protection | from front side IP 30 acc. to IEC 60529 |
| Insulation cover | Suitable for appliances with protection class I acc. to IEC 61140 |
| Terminal | Solder terminals or quick connect terminals |
| Panel Thickness S | Snap-in: 1/1.2/1.5/2/2.5/3 mm |
| Material: Housing | Thermoplastic, black, UL 94V-0 |

| | |
|-------------------------|---|
| appliance inlet/-outlet | C16 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for hot conditions) pin-temperature 120 °C, 10A, Protection Class I |
|-------------------------|---|




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: 6110-4

| Approval Logo | Certificates | Certification Body | Description |
|---|-------------------------------|--------------------|------------------------------|
|  | VDE Approvals | VDE | Certificate Number: 40015595 |
|  | UL Approvals | UL | UL File Number: E96454 |
|  | CQC Approvals | CQC | CCC Certificate Number: |



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 | 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 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. |

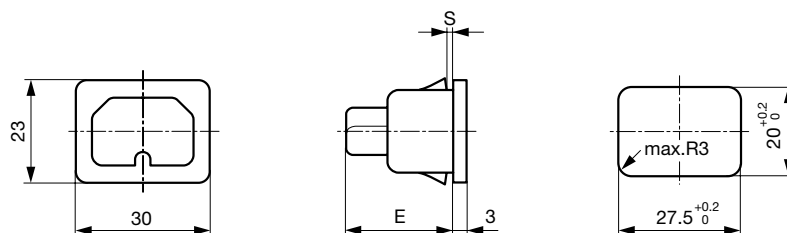
Compliances

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. |
|  | White paperGlow wire test | 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 60695-2-12 and -13. |

Dimensions [mm]

6110-4



E: Solder terminals 22.5 mm

E: Quick connect terminals 25.5 mm

S: 1.0; 1.2; 1.5; 2.0; 2.5; 3.0 mm

All Variants

| Type | Panel mounting | Panel Thickness s [mm] | Terminal | Order Number |
|--------|----------------|------------------------|--------------------------------------|-----------------------------|
| 6110-4 | Snap-in | 0.8 | Quick connect terminals 6.3 x 0.8 mm | 6110.4308 |
| 6110-4 | Snap-in | 1 | Quick connect terminals 4.8 x 0.8 mm | 6110.4210 |
| 6110-4 | Snap-in | 1 | Quick connect terminals 6.3 x 0.8 mm | 6110.4310 |
| 6110-4 | Snap-in | 1 | Quick connect terminals 6.3 x 0.8 mm | 6110.4310.G |
| 6110-4 | Snap-in | 1 | Solder terminals 3.8 x 0.8 mm | 6110.4110 |
| 6110-4 | Snap-in | 1.2 | Quick connect terminals 4.8 x 0.8 mm | 6110.4212 |
| 6110-4 | Snap-in | 1.2 | Quick connect terminals 6.3 x 0.8 mm | 6110.4312 |
| 6110-4 | Snap-in | 1.2 | Solder terminals 3.8 x 0.8 mm | 6110.4112 |
| 6110-4 | Snap-in | 1.5 | Quick connect terminals 4.8 x 0.8 mm | 6110.4215 |

| Type | Panel mounting | Panel Thickness s [mm] | Terminal | Order Number |
|--------|----------------|---------------------------|--------------------------------------|--------------|
| 6110-4 | Snap-in | 1.5 | Quick connect terminals 6.3 x 0.8 mm | 6110.4315 |
| 6110-4 | Snap-in | 1.5 | Solder terminals 3.8 x 0.8 mm | 6110.4115 |
| 6110-4 | Snap-in | 2 | Quick connect terminals 4.8 x 0.8 mm | 6110.4220 |
| 6110-4 | Snap-in | 2 | Quick connect terminals 6.3 x 0.8 mm | 6110.4320 |
| 6110-4 | Snap-in | 2 | Solder terminals 3.8 x 0.8 mm | 6110.4120 |
| 6110-4 | Snap-in | 2.5 | Quick connect terminals 4.8 x 0.8 mm | 6110.4225 |
| 6110-4 | Snap-in | 2.5 | Quick connect terminals 6.3 x 0.8 mm | 6110.4325 |
| 6110-4 | Snap-in | 2.5 | Solder terminals 3.8 x 0.8 mm | 6110.4125 |
| 6110-4 | Snap-in | 3 | Quick connect terminals 4.8 x 0.8 mm | 6110.4230 |
| 6110-4 | Snap-in | 3 | Quick connect terminals 6.3 x 0.8 mm | 6110.4330 |
| 6110-4 | Snap-in | 3 | Solder terminals 3.8 x 0.8 mm | 6110.4130 |

Most Popular.

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

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered with ending ".15" (xxxx.xxxx.15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

Packaging unit 50 Pcs

Accessories

Description



Cord retaining kits
Cord retaining strain relief

Countersunk, C

4700.0003

Mating Outlets/Connectors

Category / Description

[Connector Overview complete](#)



IEC Connector C15 for hot conditions 120°C, Rewireable, Straight

4781

IEC Connector C15, Rewireable, Straight

8101

IEC Connector C15 for hot conditions 120°C, Rewireable, Angled

4784

IEC Connector C15A, Rewireable, Straight, gold-plated terminals

0102-G

IEC Connector C15A for very hot conditions 155°C, Rewireable, Straight

4771

[Connector further types to 6110-4](#)

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