

IEC appliance inlet C16A, snap-in mounting, front side, solder/quick connect terminal



6120-5

C16 A  
  
 155° C

**Description**

- Panel Mount:  
Snap-in version from front side
- Appliance Inlet, Pin temperature 155 °C, Protection class I
- Solder terminals or quick connect terminals

**Approvals**

- VDE License Number: 40015595
- UL License Number: E96454

**Other versions on request**

- Other panel thickness
- Quick-connect terminals 4.8 x 0.8 mm
- Types for enhanced glow wire test requirements acc. IEC 60695-2-11 to -13 for the use in unattended household equipment acc. IEC 60335-1

**Weblinks**

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

**Technical Data**

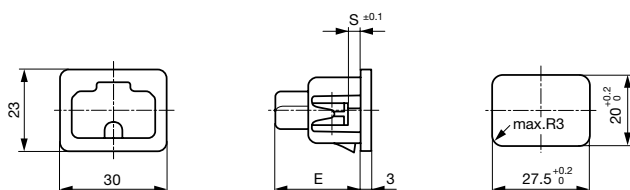
|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Ratings IEC               | 10 A / 250 VAC; 50 Hz                                             |
| Ratings UL/CSA            | 15 A / 250 VAC; 60 Hz                                             |
| Dielectric Strength       | > 2 kVAC between L-N<br>> 2 kVAC between L/N-PE<br>(1 min/50 Hz)  |
| Allowable Operation Temp. | -25 °C to 155 °C                                                  |
| Degree of Protection      | from front side IP 30 acc. to IEC 60529                           |
| Protection Class          | Suitable for appliances with protection class I acc. to IEC 61140 |
| Terminal                  | Solder terminals or quick connect terminals                       |
| Panel Thickness s         | Snap-in: 1.5/ 2.5/ 3 mm                                           |
| Material: Housing         | Thermoplastic, black, UL 94V-0                                    |

|                         |                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Appliance-Inlet/-Outlet | C16A acc. to IEC/EN 60320-1,<br>UL 498, CSA C22.2 no. 42 (for very hot conditions) pin-temperature 155 °C,<br>10A, Protection class I |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------|

**Dimensions**

6120-5

Length | 30 mm



E: Solder terminals: 22.5 mm  
 E: Quick connect terminals: 25.5 mm  
 S: 1.5; 2.5; 3.0 mm

[Distributor-Stock-Check](#) | [SCHURTER-Stock-Check](#) | [e-Store](#)

Variants

[Distributor-Stock-Check](#) | [SCHURTER-Stock-Check](#) | [e-Store](#)

| Type   | Panel mounting | Panel Thickness<br>s [mm] | Terminal                             | Order Number |
|--------|----------------|---------------------------|--------------------------------------|--------------|
| 6120-5 | Snap-in        | 1.5                       | Quick connect terminals 6.3 x 0.8 mm | 6120.5315    |
| 6120-5 | Snap-in        | 2.5                       | Quick connect terminals 6.3 x 0.8 mm | 6120.5325    |
| 6120-5 | Snap-in        | 3                         | Quick connect terminals 6.3 x 0.8 mm | 6120.5330    |
| 6120-5 | Snap-in        | 1.5                       | Solder terminals 3.8 x 0.8 mm        | 6120.5115    |
| 6120-5 | Snap-in        | 2.5                       | Solder terminals 3.8 x 0.8 mm        | 6120.5125    |
| 6120-5 | Snap-in        | 3                         | Solder terminals 3.8 x 0.8 mm        | 6120.5130    |

Articles for enhanced glow wire test requirements acc. IEC 60695-2-11 to -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

Mating Outlets/Connectors

Category / Description



Connector

|                                              |        |
|----------------------------------------------|--------|
| IEC cord connector C15A, rewirable, straight | 0102   |
| IEC cord connector C15A, rewirable, straight | 0102-G |
| IEC cord connector C15A, rewirable, angled   | 0112   |