

IEC Appliance Inlet C14, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal



6100-4



### Description

- Panel Mount:  
Snap-in version from front side
- 1 Function:
- Appliance Inlet, Pin temperature 70 °C, Protection class I
- Solder terminals or quick connect terminals

### Approvals

- VDE Certificate Number: 40015595
- UL File Number: E96454

### 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

### References

Alternative: protection class II version 6102-5

### Weblinks

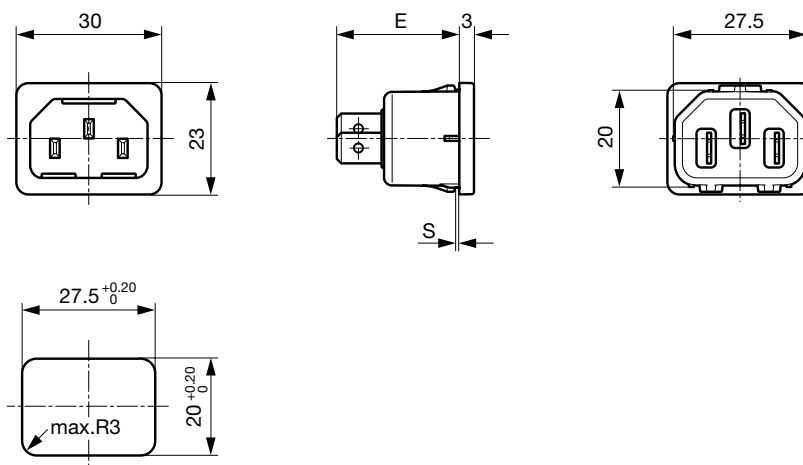
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Wire Harnessing](#), [Detailed request for product](#)

### Technical Data

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Ratings IEC               | 10A / 250VAC; 50Hz                                                |
| Ratings UL/CSA            | 15A / 250VAC; 60Hz                                                |
| Dielectric Strength       | > 2kVAC between L-N<br>> 2kVAC between L/N-PE<br>(1 min/50Hz)     |
| Allowable Operation Temp. | -25 °C to 70 °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: 1/1.2/1.5/2/2.5/3 mm                                     |
| Material: Housing         | Thermoplastic, black, UL 94V-0                                    |

|                 |                                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------|
| Appliance Inlet | C14 acc. to IEC 60320,<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I |
|-----------------|-------------------------------------------------------------------------------------------------------------------------|

### Dimensions



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   | Protection Class | Panel mounting | Panel Thickness<br>s [mm] | Terminal                             | Order Number |   |
|--------|------------------|----------------|---------------------------|--------------------------------------|--------------|---|
| 6100-4 | I                | Snap-in        | 1                         | Quick connect terminals 4.8 x 0.8 mm | 6100.4210    | ■ |
| 6100-4 | I                | Snap-in        | 1.2                       | Quick connect terminals 4.8 x 0.8 mm | 6100.4212    | ■ |
| 6100-4 | I                | Snap-in        | 1.5                       | Quick connect terminals 4.8 x 0.8 mm | 6100.4215    | ■ |
| 6100-4 | I                | Snap-in        | 1.6                       | Quick connect terminals 4.8 x 0.8 mm | 6100.4216    |   |
| 6100-4 | I                | Snap-in        | 2                         | Quick connect terminals 4.8 x 0.8 mm | 6100.4220    | ■ |
| 6100-4 | I                | Snap-in        | 2.5                       | Quick connect terminals 4.8 x 0.8 mm | 6100.4225    | ■ |
| 6100-4 | I                | Snap-in        | 3                         | Quick connect terminals 4.8 x 0.8 mm | 6100.4230    |   |
| 6100-4 | I                | Snap-in        | 1                         | Quick connect terminals 6.3 x 0.8 mm | 6100.4310    | ■ |
| 6100-4 | I                | Snap-in        | 1.2                       | Quick connect terminals 6.3 x 0.8 mm | 6100.4312    | ■ |
| 6100-4 | I                | Snap-in        | 1.5                       | Quick connect terminals 6.3 x 0.8 mm | 6100.4315    | ■ |
| 6100-4 | I                | Snap-in        | 2                         | Quick connect terminals 6.3 x 0.8 mm | 6100.4320    | ■ |
| 6100-4 | I                | Snap-in        | 2.5                       | Quick connect terminals 6.3 x 0.8 mm | 6100.4325    | ■ |
| 6100-4 | I                | Snap-in        | 3                         | Quick connect terminals 6.3 x 0.8 mm | 6100.4330    | ■ |
| 6100-4 | I                | Snap-in        | 1                         | Solder terminals 3.8 x 0.8 mm        | 6100.4110    | ■ |
| 6100-4 | I                | Snap-in        | 1.2                       | Solder terminals 3.8 x 0.8 mm        | 6100.4112    | ■ |
| 6100-4 | I                | Snap-in        | 1.5                       | Solder terminals 3.8 x 0.8 mm        | 6100.4115    | ■ |
| 6100-4 | I                | Snap-in        | 2                         | Solder terminals 3.8 x 0.8 mm        | 6100.4120    | ■ |
| 6100-4 | I                | Snap-in        | 2.5                       | Solder terminals 3.8 x 0.8 mm        | 6100.4125    |   |
| 6100-4 | I                | Snap-in        | 3                         | Solder terminals 3.8 x 0.8 mm        | 6100.4130    | ■ |

■ Most Popular.

Availability for all products can be searched real-time:<http://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.

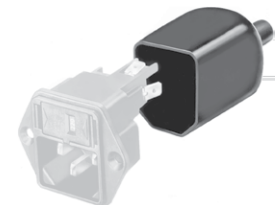
Packaging unit 50 Pcs

Accessories

Description



Wire Harness  
Wire harness for SCHURTER products



Assorted Covers  
Rear Cover

0859.0048  
4311.9401  
4311.9402



Cord retaining kits  
Cord retaining strain relief  
Flat head, Z  
Countersunk, C

0888.0021  
4700.0003

## Mating Outlets/Connectors

### Category / Description



#### [Appliance Outlet Overview complete](#)

|                                                                                                   |                      |
|---------------------------------------------------------------------------------------------------|----------------------|
| IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal                            | <a href="#">4787</a> |
| IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal            | <a href="#">4788</a> |
| IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal | <a href="#">5091</a> |

[Appliance Outlet further types to 6100-4](#)



#### [Connector Overview complete](#)

|                                                                                 |                         |
|---------------------------------------------------------------------------------|-------------------------|
| 4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13    | <a href="#">4782</a>    |
| 4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13 | <a href="#">4022</a>    |
| 4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13    | <a href="#">4785</a>    |
| 4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 | <a href="#">4300-06</a> |
| 4012 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13 | <a href="#">4012</a>    |

[Connector further types to 6100-4](#)