

IEC Appliance Inlet C14 or C18, sandwich Mounting, PCB- or Solder Terminal



Snap-in mounting



Screw-on mounting



## Description

- Panel Mount:  
Snap-in or screw-on mounting on PCB, sandwich or rear-side
- Appliance Inlet, Pin temperature 70 °C, protection class I or II
- For PCB mounting

## Approvals

- VDE Certificate Number: 40012767
- UL File Number: E96454
- CSA File Number: 38456
- CCC File Number: 2006010204183838

## Other versions on request

- With solder terminals
- 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
- Variant with notch for V-Lock mating Cordsets

## 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](#), [Detailed request for product](#)

Newly available variants corresponding to V-Lock mating cordset. 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.

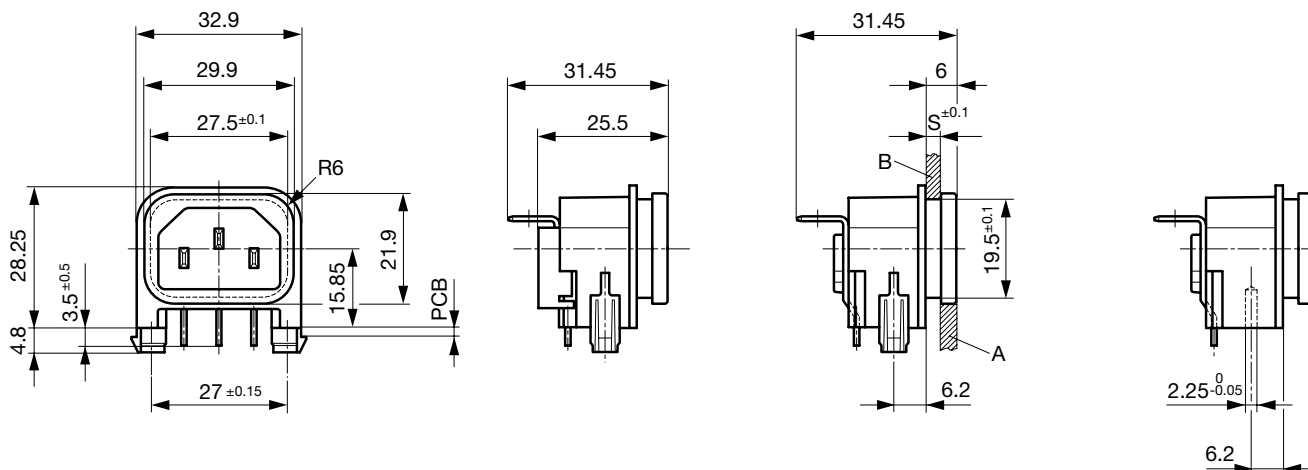
## Technical Data

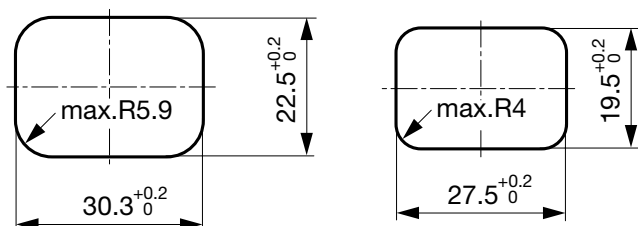
|                           |                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------|
| Ratings IEC               | 10A / 250VAC; 50Hz                                                                      |
| Ratings UL/CSA            | 15A / 250VAC; 60Hz                                                                      |
| Dielectric Strength       | > 3kVAC between L-N<br>> 3kVAC between L/N-PE<br>(1 min/50Hz)                           |
| Allowable Operation Temp. | -25 °C to 70 °C                                                                         |
| Degree of Protection      | from front side IP 40 acc. to IEC 60529                                                 |
| Protection Class          | Suitable for appliances with protection class I or II acc. to IEC 61140                 |
| Terminal                  | For PCB mounting ; Ground terminal:<br>angled to pin axis<br>Solder terminal on request |
| Panel Thickness s         | Sandwich/rear-side: 1.5/2/2.5/3 mm                                                      |
| Material: Housing         | Thermoplastic, black, UL 94V-0                                                          |

|                 |                                                                                                                                        |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Appliance Inlet | C14 / C18 acc. to IEC 60320,<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A,<br>Protection Class I or II |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|

## Dimensions

Snap-in mounting



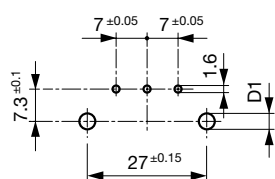


Rear panel mounting

Sandwich mounting

## Drilling diagrams

### Drilling diagram



d1 = 6 ± 0.05 for Snap-in mounting  
d1 = 3.6 ± 0.05 for screw-on mounting  
with self-tapping screws  
3 mm (EJOT-PT), 2 screws enclosed

## All Variants

| Protection Class | PCB mounting | Panel Thickness<br>s [mm] | Ground terminal 4.8 x 0.8 mm | Cover | Order Number   |
|------------------|--------------|---------------------------|------------------------------|-------|----------------|
| I                | Snap-in      | 1.5                       | 90° to connector axis        |       | GSP2.9205.13   |
| I                | Snap-in      | 1.5                       | 90° to connector axis        |       | GSP2.9901.13   |
| I                | Snap-in      | 1                         | in connector axis            |       | GSP2.9203.11   |
| I                | Snap-in      | 1.2                       | in connector axis            |       | GSP2.9203.12   |
| I                | Snap-in      | 1.5                       | in connector axis            |       | GSP2.9203.13   |
| I                | Snap-in      | 1.5                       | in connector axis            |       | GSP2.9903.13   |
| I                | Snap-in      | 2                         | in connector axis            |       | GSP2.9203.14   |
| I                | Snap-in      | 2.5                       | in connector axis            |       | GSP2.9203.15   |
| I                | Snap-in      | 3                         | in connector axis            |       | GSP2.9203.16   |
| I                | Snap-in      | 1.5                       | in connector axis            | ●     | GSP2.9213.13   |
| I                | Snap-in      | 1.5                       | in connector axis            | ●     | GSP2.9213.1315 |
| I                | Snap-in      | 1.5                       | in connector axis            | ●     | GSP2.9213.1321 |
| I                | Snap-in      | 2                         | in connector axis            | ●     | GSP2.9213.14   |
| I                | Snap-in      | 2.5                       | in connector axis            | ●     | GSP2.9213.15   |
| I                | Snap-in      | 3                         | in connector axis            | ●     | GSP2.9213.16   |
| I                | Screw        | 1                         | in connector axis            |       | GSP2.9103.11   |
| I                | Screw        | 1.5                       | in connector axis            |       | GSP2.9103.13   |
| I                | Screw        | 2                         | in connector axis            |       | GSP2.9103.14   |
| I                | Screw        | 2.5                       | in connector axis            |       | GSP2.9103.15   |
| I                | Screw        | 3                         | in connector axis            |       | GSP2.9103.16   |
| I                | Screw        | 1.5                       | in connector axis            | ●     | GSP2.9113.13   |
| I                | Screw        | 2                         | in connector axis            | ●     | GSP2.9113.14   |
| I                | Screw        | 2.5                       | in connector axis            | ●     | GSP2.9113.15   |
| I                | Screw        | 3                         | in connector axis            | ●     | GSP2.9113.16   |
| II               | Snap-in      | 1.5                       | -                            |       | GSP2.9200.13   |
| II               | Snap-in      | 2.5                       | -                            |       | GSP2.9200.15   |
| II               | Snap-in      | 1.5                       | -                            | ●     | GSP2.9210.13   |
| II               | Snap-in      | 2                         | -                            | ●     | GSP2.9210.14   |

| Protection Class | PCB mounting | Panel Thickness<br>s [mm] | Ground terminal 4.8 x 0.8 mm | Cover | Order Number |
|------------------|--------------|---------------------------|------------------------------|-------|--------------|
| II               | Snap-in      | 2.5                       | -                            | ●     | GSP2.9210.15 |
| II               | Snap-in      | 3                         | -                            | ●     | GSP2.9210.16 |
| II               | Screw        | 1.5                       | -                            |       | GSP2.9100.13 |
| II               | Screw        | 3                         | -                            |       | GSP2.9100.16 |
| II               | Screw        | 2                         | -                            | ●     | GSP2.9110.14 |
| II               | Screw        | 2.5                       | -                            | ●     | GSP2.9110.15 |

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.xx15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

Suffix "21" corresponds to the version with V-Lock mating cordset. 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.

Additional version on request, e.g.: Ground terminal straight or quick-connect terminal 6,3 x 0,8 mm

**Packaging unit** 50 Pcs

## Mating Outlets/Connectors

### Category / Description

#### 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 GSP2](#)

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#### Interconnection Cord Overview complete

|                                                                      |           |
|----------------------------------------------------------------------|-----------|
| Cord Sets 10 A, Interconnection, 1.0 m, Connector IEC C13, cord end: | 6007.0212 |
| Cord Sets 10 A, Interconnection, 2.0 m, Connector IEC C13, cord end: | 6007.0214 |

[Interconnection Cord further types to GSP2](#)



#### Power Cord Overview complete

|                                                       |           |
|-------------------------------------------------------|-----------|
| Cord Sets 10 A, Interconnection, 2.0 m, IEC cord end: | 6007.0204 |
|-------------------------------------------------------|-----------|

[Power Cord further types to GSP2](#)



#### Power Supply Cord Overview complete

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, cord end:          | 6004.0215 |
| Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, cord end:          | 6003.0215 |
| Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, cord end: | 6000.0224 |
| Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, cord end: | 6000.0214 |
| Cord Sets 10 A, United Kingdom, 2.5 m, Connector IEC C13, cord end:    | 6044.0215 |

[Power Supply Cord further types to GSP2](#)

...

Category / Description

[Power Supply or Interconnection Cord Overview complete](#)



|                                                                           |           |
|---------------------------------------------------------------------------|-----------|
| Cord Sets 10 A, United Kingdom, 2.0 m, Connector IEC cord end:            | 6044.0204 |
| Kabelverbindung 10 A, United Kingdom, 2.0 m, Connector IEC C13, cord end: | 6045.0114 |
| Kabelverbindung 10 A, diverse, diverse m, Connector IEC C13, cord end:    | 6003.0205 |
| Kabelverbindung 10 A, diverse, diverse m, Connector IEC C13, cord end:    | 6026.0205 |
| Kabelverbindung 10 A, diverse, diverse m, Connector IEC C13, cord end:    | 6049.0007 |

[Power Supply or Interconnection Cord further types to GSP2](#)

Mating Outlets/Connectors shuttered

[Power Cord Overview complete](#)



|                                                         |           |
|---------------------------------------------------------|-----------|
| VAC17KS, North America, 2.0 m, Connector C17, cord end: | 6051.2801 |
| VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end:  | 6051.2803 |
| VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end:  | 6051.2813 |
| VAC13KS, Overview, diverse Connector IEC C13, cord end: | VAC13KS   |

[Power Cord further types to GSP2](#)