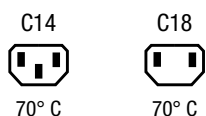


IEC Appliance Inlet C14 or C18, Screw-on Mounting, Rear Side, PCB terminals



## Description

- Panel Mount, Screw-on mounting from rear-side
- 1 Function:
- 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

- Ground terminal with quick-connect terminal 6,3 x 0,8 mm
- With solder terminals
- 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](#)

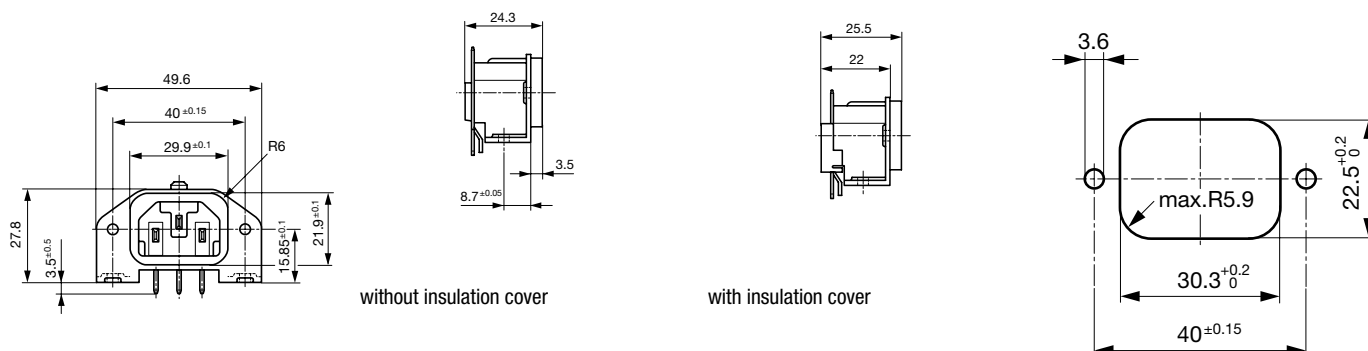
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

## Technical Data

|                           |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Ratings IEC               | 10 A / 250 VAC; 50 Hz                                                                                                           |
| Ratings UL/CSA            | 15 A / 250 VAC; 60 Hz                                                                                                           |
| Dielectric Strength       | > 3 kVAC between L-N<br>> 3 kVAC between L/N-PE<br>(1 min/50 Hz)                                                                |
| 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>Quick connect terminals 4.8 x 0.8 mm<br>angled or straight<br>Solder terminal on request |
| Panel Thickness s         | Screw: max 3 mm<br>Mounting screw torque max 0.5 Nm                                                                             |
| Material: Housing         | Thermoplastic, black, UL 94V-0                                                                                                  |

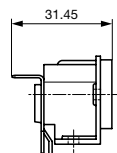
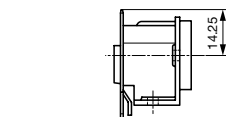
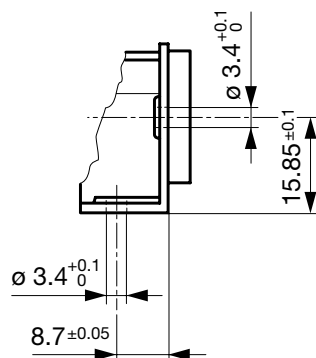
|                 |                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------|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

## Dimensions



Ground terminal

Ground terminal



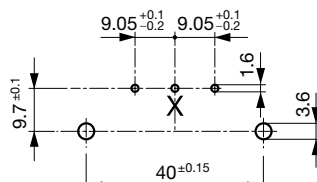
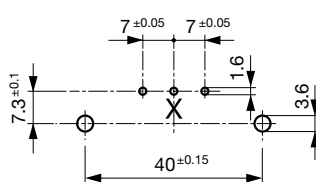
90° to connector axis

in connector axis

## Drilling diagrams

Variants GSP1.9xxx

Variants GSP1.8xxx



X deleted for protection class II

X deleted for protection class II

## All Variants

| Protection Class | PCB terminal spacing | Mounting flange with                                 | Ground terminal 4.8 x 0.8 mm | Cover | Order Number  |
|------------------|----------------------|------------------------------------------------------|------------------------------|-------|---------------|
| I                | 7/7.3                | PCB side through holes, panel side pre-inserted nuts | in connector axis            | ●     | GSP1.9413.1   |
| I                | 7/7.3                | holes for screws M3                                  | 90° to connector axis        |       | GSP1.9101.1   |
| I                | 7/7.3                | holes for screws M3                                  | in connector axis            |       | GSP1.9103.1   |
| I                | 7/7.3                | holes for screws M3                                  | in connector axis            | ●     | GSP1.9113.1   |
| I                | 7/7.3                | holes for self-tapping screws 3mm, 4 screws enclosed | in connector axis            |       | GSP1.9503.1   |
| I                | 7/7.3                | pre-inserted nuts M3, 4 pcs.                         | in connector axis            |       | GSP1.9203.1   |
| I                | 7/7.3                | pre-inserted nuts M3, 4 pcs.                         | in connector axis            |       | GSP1.9203.121 |
| I                | 9.05/9.7             | PCB side through holes, panel side pre-inserted nuts | 90° to connector axis        |       | GSP1.8401.1   |
| I                | 9.05/9.7             | holes for screws M3                                  | 90° to connector axis        |       | GSP1.8101.1   |
| I                | 9.05/9.7             | holes for screws M3                                  | 90° to connector axis        | ●     | GSP1.8111.1   |
| I                | 9.05/9.7             | holes for screws M3                                  | in connector axis            |       | GSP1.8103.1   |
| I                | 9.05/9.7             | holes for self-tapping screws 3mm, 2 screws enclosed | 90° to connector axis        |       | GSP1.8601.1   |
| I                | 9.05/9.7             | holes for self-tapping screws 3mm, 2 screws enclosed | in connector axis            | ●     | GSP1.8613.1   |
| I                | 9.05/9.7             | holes for self-tapping screws 3mm, 4 screws enclosed | 90° to connector axis        |       | GSP1.8501.1   |
| I                | 9.05/9.7             | holes for self-tapping screws 3mm, without screws    | 90° to connector axis        |       | GSP1.8701.1   |
| I                | 9.05/9.7             | pre-inserted nuts M3, 4 pcs.                         | 90° to connector axis        |       | GSP1.8201.1   |
| I                | 9.05/9.7             | pre-inserted nuts M3, 4 pcs.                         | 90° to connector axis        | ●     | GSP1.8211.1   |
| I                | 9.05/9.7             | pre-inserted nuts M3, 4 pcs.                         | in connector axis            |       | GSP1.8203.1   |
| II               | 7/7.3                | holes for screws M3                                  | -                            |       | GSP1.9100.1   |
| II               | 7/7.3                | holes for screws M3                                  | -                            | ●     | GSP1.9110.1   |
| II               | 7/7.3                | holes for self-tapping screws 3mm, 4 screws enclosed | -                            |       | GSP1.9500.1   |
| II               | 7/7.3                | pre-inserted nuts M3, 4 pcs.                         | -                            |       | GSP1.9200.1   |
| II               | 9.05/9.7             | holes for screws M3                                  | -                            |       | GSP1.8100.1   |
| II               | 9.05/9.7             | holes for screws M3                                  | -                            | ●     | GSP1.8110.1   |
| II               | 9.05/9.7             | holes for self-tapping screws 3mm, 4 screws enclosed | -                            |       | GSP1.8500.1   |
| II               | 9.05/9.7             | pre-inserted nuts M3, 4 pcs.                         | -                            |       | GSP1.8200.1   |

Most Popular.

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

| Protection Class                                                                                                                                                                                                                   | PCB terminal spacing | Mounting flange with | Ground terminal 4.8 x 0.8 mm | Cover | Order Number |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|------------------------------|-------|--------------|
| 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. |                      |                      |                              |       |              |

**Packaging unit** 50 Pcs

## Mating Outlets/Connectors

### Category / Description

#### Connector Overview complete



|                                                                                              |         |
|----------------------------------------------------------------------------------------------|---------|
| 4782 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13     | 4782    |
| 4022 Mounting: Power Supply Cord, 3 x 1.5 mm <sup>2</sup> , Screw clamps, Connector: IEC C13 | 4022    |
| 4785 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13     | 4785    |
| 4300-06 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13  | 4300-06 |
| 4012 Mounting: Power Supply Cord, 3 x 1.5 mm <sup>2</sup> , Screw clamps, Connector: IEC C13 | 4012    |
| Connector further types to GSP1                                                              | ...     |

#### 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 GSP1                           |           |

#### Power Cord Overview complete



|                                                       |           |
|-------------------------------------------------------|-----------|
| Cord Sets 10 A, Interconnection, 2.0 m, IEC cord end: | 6007.0204 |
| Power Cord further types to GSP1                      |           |

#### 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 GSP1                                | ...       |

#### 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 GSP1                |           |

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 GSP1](#)