

### 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

### 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](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Mounting instruction](#), [Detailed request for product](#)

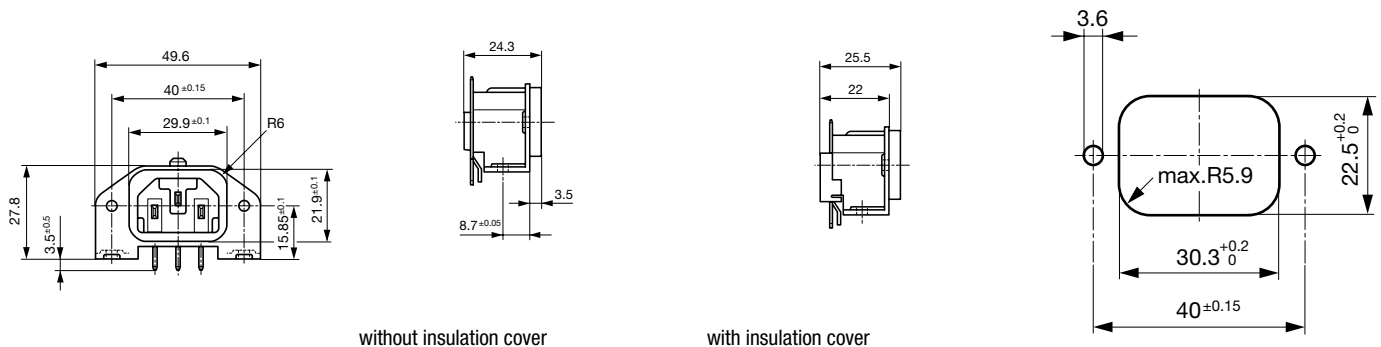
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

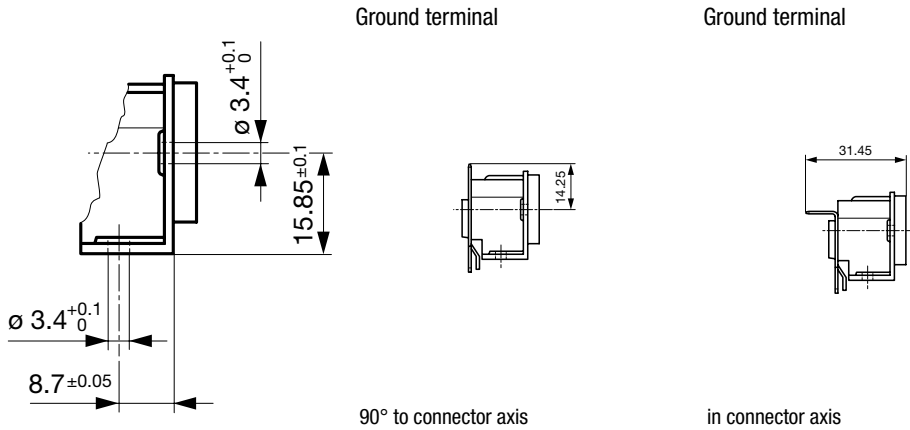
### Technical Data

|                           |   |
|---------------------------|---|
| 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>Quick connect terminals 4.8 x 0.8 mm<br>angled or straight<br>Solder terminal on request |
| Panel Thickness s         | Screw: max 3mm<br>Mounting screw torque max 0.5Nm   |
| 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, Protection Class I or II |
|-----------------|---|

### Dimensions





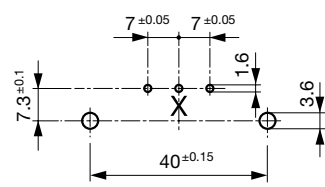
90° to connector axis

in connector axis

**Drilling diagrams**

PCB Layout

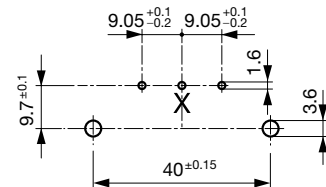
Ground terminal angled



X deleted for protection class II

PCB Layout

Ground terminal straight



X deleted for protection class II

**Variants**

| Protection Class | PCB terminal spacing | Mounting flange with                                 | Ground terminal 4.8 x 0.8 mm | Cover | Order Number  |
|------------------|----------------------|--|------------------------------|-------|---------------|
| 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 screws M3                                  | in connector axis            | ●     | GSP1.9413.1   |
| 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             | -  | 90° to connector axis        |       | GSP1.8601.1   |
| I                | 9.05/9.7             | -  | 90° to connector axis        |       | GSP1.8701.1   |
| I                | 9.05/9.7             | -  | in connector axis            | ●     | GSP1.8613.1   |
| 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        |       | GSP1.8401.1   |
| 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, 4 screws enclosed | 90° to connector axis        |       | GSP1.8501.1   |
| 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



|   |        |
|---|--------|
| IEC Connector C15A, Rewireable, Straight        | 0102   |
| IEC Connector C15A, Rewireable, Straight        | 0102-G |
| IEC Connector C15A, Rewireable, Angled          | 0112   |
| IEC Connector C13, Rewireable, Angled           | 4012   |
| IEC Connector C13, Rewireable, Straight         | 4022   |
| <a href="#">Connector further types to GSP1</a> | ...    |



##### Interconnection Cord Overview complete

|  |           |
|--|-----------|
| Interconnection Cord C13, 10 A                             | 6007.0212 |
| Interconnection Cord C13, 10 A                             | 6007.0214 |
| <a href="#">Interconnection Cord further types to GSP1</a> |           |



##### Power Cord Overview complete

|   |           |
|---|-----------|
| Power Supply Cord with IEC plug C14, stripped end | 6007.0204 |
| <a href="#">Power Cord further types to GSP1</a>  |           |



##### Power Supply Cord Overview complete

|   |           |
|---|-----------|
| Power Supply Cord with IEC Connector C13 straight, stripped end | 6000.0214 |
| Power Supply Cord with IEC Connector C13 angled, stripped end   | 6000.0224 |
| EU Power Supply Cord with IEC Connector C13, straight           | 6003.0215 |
| EU Power Supply Cord with IEC Connector C13, straight           | 6004.0215 |
| US Power Supply Cord with IEC Connector C13, straight           | 6009.1315 |
| <a href="#">Power Supply Cord further types to GSP1</a>         | ...       |

##### Power Supply or Interconnection Cord Overview complete

|  |           |
|--|-----------|
| Diverse Power Supply and Interconnection Cords 10 A                        | 6003.0204 |
| Diverse Power Supply and Interconnection Cords 10 A                        | 6003.0205 |
| Diverse Power Supply and Interconnection Cords 10 A                        | 6026.0205 |
| UK Power Supply Cord with stripped ends                                    | 6044.0204 |
| Diverse Power Supply and Interconnection Cords 10 A                        | 6045.0114 |
| <a href="#">Power Supply or Interconnection Cord further types to GSP1</a> | ...       |