

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



See below:

Approvals and Compliances

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

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](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#), [Microsite](#)

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 > 3 kVAC between L/N-PE (1 min/50 Hz) |
| Allowable Operation Temperature | -25 °C to 70 °C |
| IP-Protection | from front side IP 40 acc. to IEC 60529 |
| Insulation cover | Suitable for appliances with protection class I or II acc. to IEC 61140 |
| Terminal | For PCB mounting ; Ground terminal: Quick connect terminals 4.8 x 0.8 mm angled or straight Solder terminal on request |
| Panel Thickness S | Screw: max 3 mm Mounting screw torque max 0.5 Nm |
| Material: Housing | Thermoplastic, black, UL 94V-0 |

| | |
|-------------------------|--|
| appliance inlet/-outlet | C14 / C18 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I or II |
|-------------------------|--|

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

Approvals




The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: GSP1

| Approval Logo | Certificates | Certification Body | Description |
|---------------|-------------------------------|--------------------|--|
| | VDE Approvals | VDE | Certificate Number: 40012767 |
| | UL Approvals | UL | UL File Number: E96454 |
| | CQC Approvals | CQC | CCC Certificate Number: 2006010204183838 |


Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|-----------------------|---|
|  | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
|  | Designed according to | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 60320-1 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |






Application standards

Application standards where the product can be used

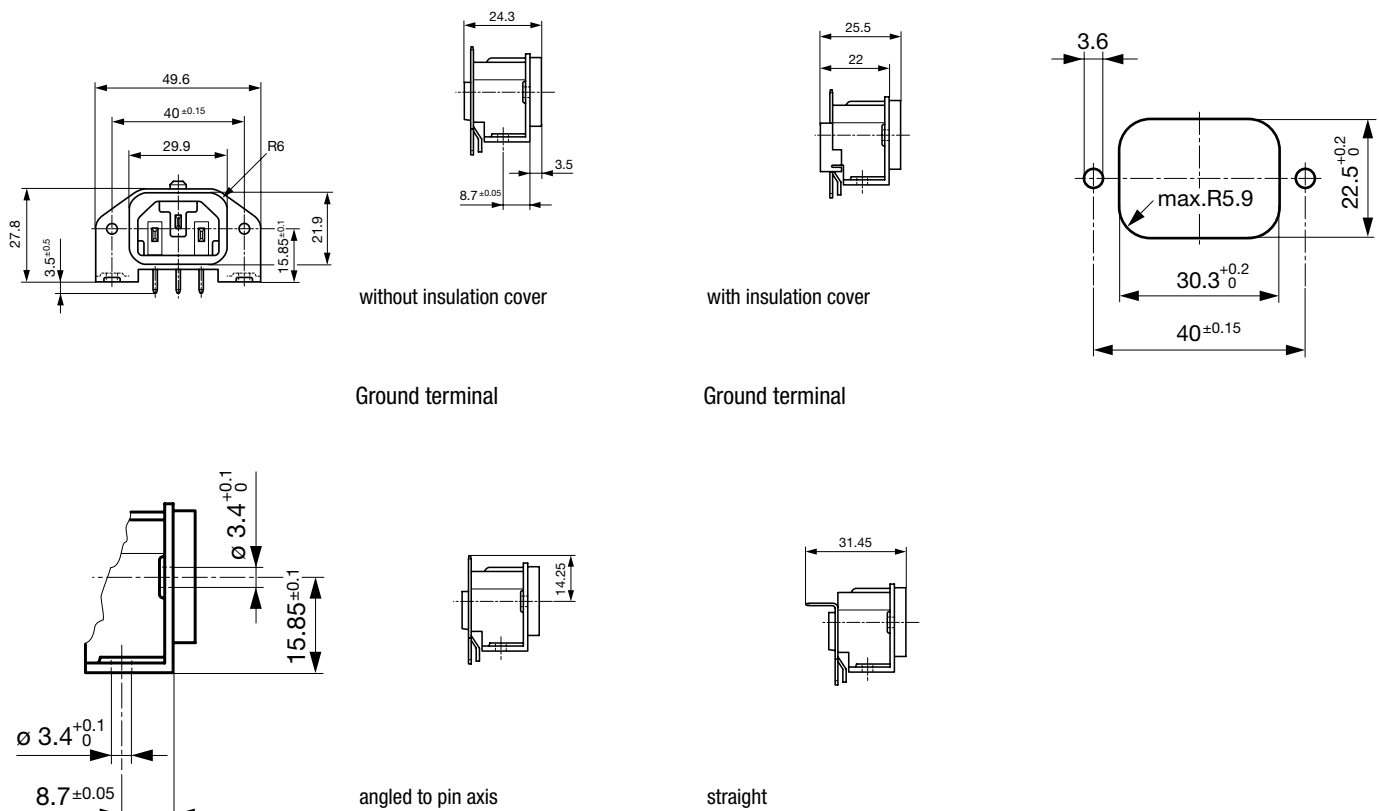
| Organization | Design | Standard | Description |
|--|--------------------------------|--------------|---|
|  | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment. |

Compliances

The product complies with following Guide Lines

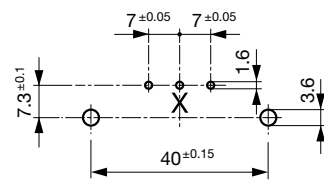
| Identification | Details | Initiator | Description |
|--|--|-------------|--|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | RoHS | SCHURTER AG | EU Directive RoHS 2011/65/EU |
|  | China RoHS | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS. |
|  | REACH | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |
|  | MicrositeV-Lock | SCHURTER AG | V-Lock system are based on a matching plug-dose combination. 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. |

Dimensions [mm]



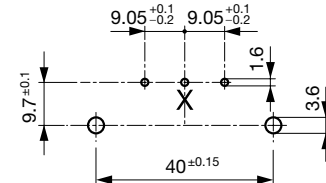
Drilling diagrams

Variants GSP1.9xxx



X deleted for protection class II

Variants GSP1.8xxx



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 | straight | ● | GSP1.9413.1 |
| I | 7/7.3 | holes for screws M3 | angled to pin axis | | GSP1.9101.1 |
| I | 7/7.3 | holes for screws M3 | straight | | GSP1.9103.1 |
| I | 7/7.3 | holes for screws M3 | straight | ● | GSP1.9113.1 |
| I | 7/7.3 | holes for self-tapping screws 3mm, 4 screws enclosed | straight | | GSP1.9503.1 |
| I | 7/7.3 | pre-inserted nuts M3, 4 pcs. | straight | | GSP1.9203.1 |
| I | 7/7.3 | pre-inserted nuts M3, 4 pcs. | straight | | GSP1.9203.121 |
| I | 9.05/9.7 | PCB side through holes, panel side pre-inserted nuts | angled to pin axis | | GSP1.8401.1 |
| I | 9.05/9.7 | holes for screws M3 | angled to pin axis | | GSP1.8101.1 |
| I | 9.05/9.7 | holes for screws M3 | angled to pin axis | ● | GSP1.8111.1 |
| I | 9.05/9.7 | holes for screws M3 | straight | | GSP1.8103.1 |
| I | 9.05/9.7 | holes for self-tapping screws 3mm, 2 screws enclosed | angled to pin axis | | GSP1.8601.1 |
| I | 9.05/9.7 | holes for self-tapping screws 3mm, 2 screws enclosed | straight | ● | GSP1.8613.1 |
| I | 9.05/9.7 | holes for self-tapping screws 3mm, 4 screws enclosed | angled to pin axis | | GSP1.8501.1 |
| I | 9.05/9.7 | holes for self-tapping screws 3mm, without screws | angled to pin axis | | GSP1.8701.1 |
| I | 9.05/9.7 | pre-inserted nuts M3, 4 pcs. | angled to pin axis | | GSP1.8201.1 |
| I | 9.05/9.7 | pre-inserted nuts M3, 4 pcs. | angled to pin axis | ● | GSP1.8211.1 |
| I | 9.05/9.7 | pre-inserted nuts M3, 4 pcs. | straight | | 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: <https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

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 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 GSP1 | ... |

[Interconnection Cord Overview complete](#)



| | |
|--|-----------|
| Cord Sets 10 A, Interconnection, 2.0 m, IEC H05VV-F3G1.0, black | 6007.0204 |
| Cord Sets 10 A, Interconnection, 1.0 m, Connector IEC C13, H05VV-F3G1.0, black | 6007.0212 |
| Cord Sets 10 A, Interconnection, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black | 6007.0214 |
| Interconnection Cord further types to GSP1 | |

[Power Supply Cord Overview complete](#)



| | |
|--|-----------|
| Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black | 6004.0215 |
| Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black | 6003.0215 |
| Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black | 6000.0224 |
| Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black | 6000.0214 |
| Cord Sets 10 A, United Kingdom, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black | 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 H05VV-F3G1.0, black | 6044.0204 |
| Power Supply or Interconnection Cord further types to GSP1 | |

Mating Outlets/Connectors shuttered

[Power Cord Overview complete](#)



| | |
|---|---------|
| VAC13KS, Overview, diverse Connector IEC C13, cord end: | VAC13KS |
| Power cord with IEC connector C17, V-Lock, straight | VAC17KS |
| Power Cord further types to GSP1 | |