

IEC Socket-Outlet 400 VDC, Snap-in Mounting, Front Side, Quick-connect or Solder Terminals



See below:

Approvals and Compliances

Description

- Panel mount :
 Snap-in or screw-on mounting front side
- Socket-Outlet , Protection class I

Unique Selling Proposition

- Standard form acc. to IEC TS 63236-3
- Hot plug rated for disconnecting under load up to 2.6 kW
- Ideal for direct current devices with an operating temperature up to 105 °C
- With cord retention system

Other versions on request

- Other panel thickness
- Other terminals
- Color coding in grey or white

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#), [Landing Page](#), [Video](#)

Technical Data

| | | | |
|---------------------------------|--|-------------------------|--|
| Ratings IEC | 6.5 - 8.8 A / 294 - 400VDC; 10A / 250VAC max. 2.6 kW power | Appliance inlet/-outlet | Standard Sheet 1 acc. to IEC TS 63236-3 , Protection Class I , ± 200 VDC |
| Dielectric Strength | > 3 kVDC between + and - > 3 kVDC between +/- and PE (1 min) | | |
| Allowable Operation Temperature | -5°C to 105 °C | | |
| IP-Protection | front side IP20 acc. to IEC 60529 | | |
| Panel Thickness S | Snap-in Snap-in: 1.0/1.5/2.0 mm / Screw: max. 8 mm Mounting screw torque max 0.5 Nm | | |
| Material: Housing | Thermoplastic, black, UL 94V-0 | | |

Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products. Approval Reference Type: GH21

| Approval Logo | Certificates | Certification Body | Description |
|---------------|-------------------------------|--------------------|----------------------------------|
| | VDE Approvals | VDE | VDE Certificate Number: 40051170 |
| | UL Approvals | UL | UL File Number: E96454 |

Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|-----------------|---|
|  | Designed according to | IEC TS 63236-3 | Direct current (DC) appliance couplers for information and communication technology (ICT) equipment installed in data centers and telecom central offices - Part 3: AC/DC appliance inlet |
|  | Designed according to | UL Subject 2695 | Outline for DC rated Attachment Plugs and Outlet Devices for ICT Equipment installed in restricted access locations |

Application standards

Application standards where the product can be used

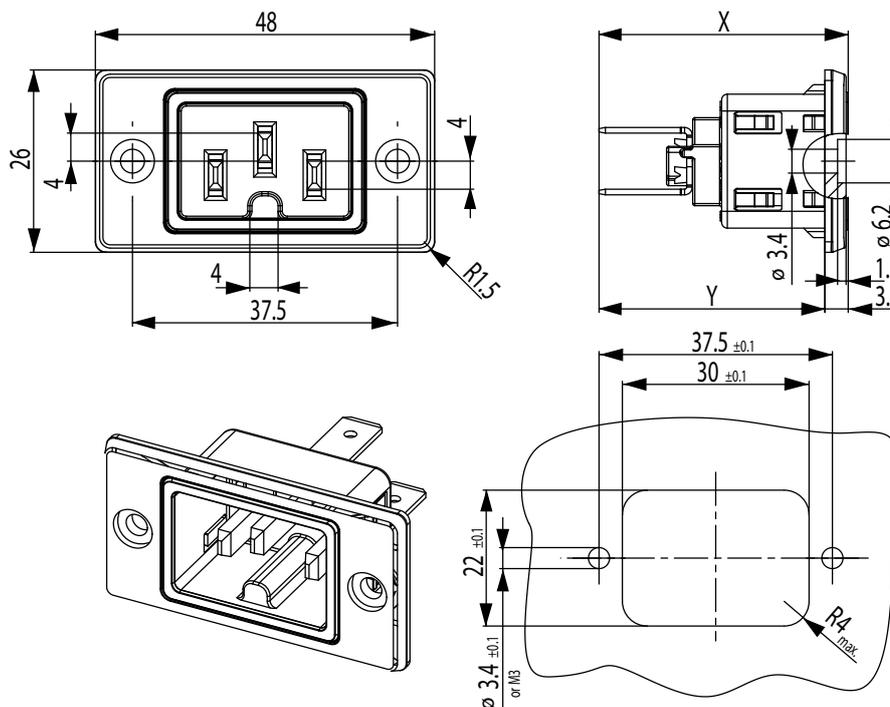
| Organization | Design | Standard | Description |
|--|--------------------------------|----------------|---|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |

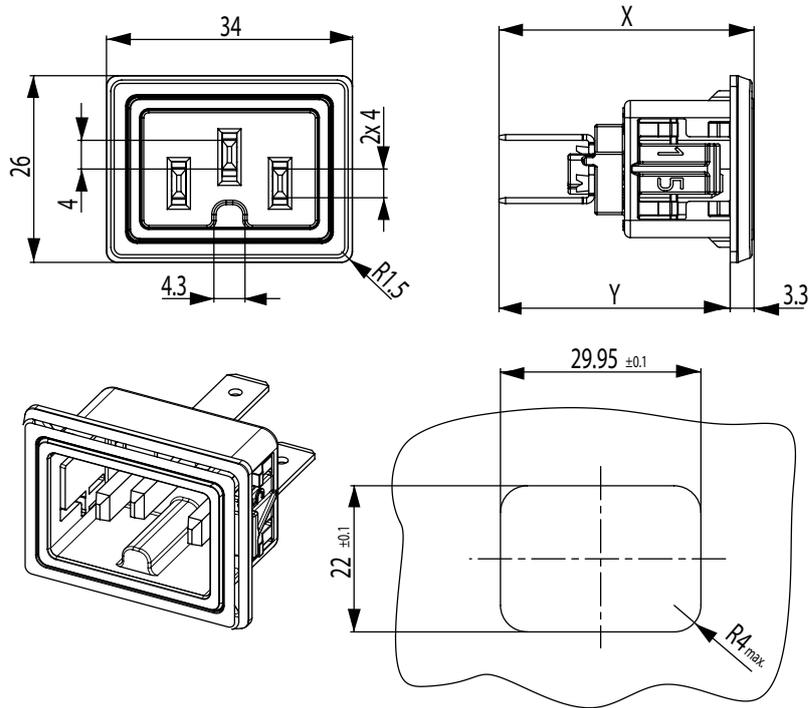
Compliances

The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|---|--------------|-------------|--|
|  | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | 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. |
|  | Halogen Free | SCHURTER AG | SCHURTER strives to offer our customers halogen free products. |
|  | 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. |
|  | | SCHURTER AG | Green Line products are aligned with the UN's Strategic Development Goals (SDGs). Components of the products are made of sustainable, environmentally friendly materials. These include, for example, bio-based plastics or lead-free metal alloys. Products in this line can also support the economical, intelligent use of resources. |

Dimensions [mm]





| Terminal | Dimension (X) | Dimension (Y) |
|-----------------|---------------|---------------|
| QC 6.3 x 0.8 mm | 35.35 mm | 32.05 mm |
| QC 4.8 x 0.8 mm | 31.85 mm | 28.55 mm |
| Solder Terminal | 27.24 mm | 23.94 mm |

Variants

|  | Color | Panel mounting | Panel Thickness [mm] | Terminal | IP Protection Class Front Side | Order Number |
|---|-------|----------------|----------------------|-----------------|--------------------------------|--------------|
| ● | black | Screw | 0.8 - 3.0 | QC 4.8 x 0.8 mm | IP20 | 3-142-765 |
| ● | black | Screw | 0.8 - 3.0 | QC 6.3 x 0.8 mm | IP20 | 3-142-761 |
| ● | black | Screw | 0.8 - 3.0 | Solder | IP20 | 3-142-769 |
| ● | black | Snap-in | 1.0 | QC 4.8 x 0.8 mm | IP20 | 3-142-766 |
| ● | black | Snap-in | 1.0 | QC 6.3 x 0.8 mm | IP20 | 3-142-762 |
| ● | black | Snap-in | 1.0 | Solder | IP20 | 3-142-770 |
| ● | black | Snap-in | 1.5 | QC 4.8 x 0.8 mm | IP20 | 3-142-767 |
| ● | black | Snap-in | 1.5 | QC 6.3 x 0.8 mm | IP20 | 3-142-763 |
| ● | black | Snap-in | 1.5 | Solder | IP20 | 3-142-771 |

|  | Color | Panel mounting | Panel Thickness [mm] | Terminal | IP Protection Class Front Side | Order Number |
|---|-------|----------------|----------------------|-----------------|--------------------------------|--------------|
| ● | black | Snap-in | 2.0 | QC 4.8 x 0.8 mm | IP20 | 3-142-768 |
| ● | black | Snap-in | 2.0 | QC 6.3 x 0.8 mm | IP20 | 3-142-764 |
| ● | black | Snap-in | 2.0 | Solder | IP20 | 3-142-772 |

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Packaging unit 50 Pcs

Mating Inlets/Plugs

Category / Description



[Connector Overview complete](#)

4781 Mounting: Power Cord, Cable, Connector: IEC C15

4781



[Plug Overview complete](#)

IEC Plug 400 VDC, Rewireable, Straight, max. Cable Diameter 9.2 mm

GC21