

IEC Appliance Inlet C6, Screw-on Mounting, Front or Rear Side, Solder, PCB or Quick-connect Terminal



See below:

Approvals and Compliances

Description

- Panel mount :
Screw-on mounting , Front Side
- 1 Function :
Appliance Inlet , Pin temperature 70 °C Protection class I
- Solder, Quick Connect or PCB Terminal

Characteristics

- Contact pins are turned from solid material

References

We recommend for new applications the type [0724](#)

Weblinks

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

Technical Data

| | | | |
|-----------------------------------|---|-------------------------|--|
| Ratings IEC | 2.5A / 250VAC; 50Hz | Appliance inlet/-outlet | C6 acc. to IEC 60320-1 |
| Ratings UL/CSA | 2.5A / 250VAC; 60Hz | | UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 2.5A, Protection Class I |
| Dielectric Strength | > 4 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50Hz) | | |
| Allowable Operation Temperature | -25 °C to 70 °C | | |
| IP-Protection | from front side IP20 acc. to IEC 60529 | | |
| Protection against electric shock | Suitable for appliances with protection class I acc. to IEC 61140 | | |
| Material: Housing | PA6, 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: 2562

| Approval Logo | Certificates | Certification Body | Description |
|---------------|-------------------------------|--------------------|----------------------------------|
| | VDE Approvals | VDE | VDE Certificate Number: 40002273 |
| | UL Approvals | UL | UL File Number: E96454 |
| | CSA Approvals | CSA | CSA Certification Record: 27324 |


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 498 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 42 | 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 62368-1 | IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment. |

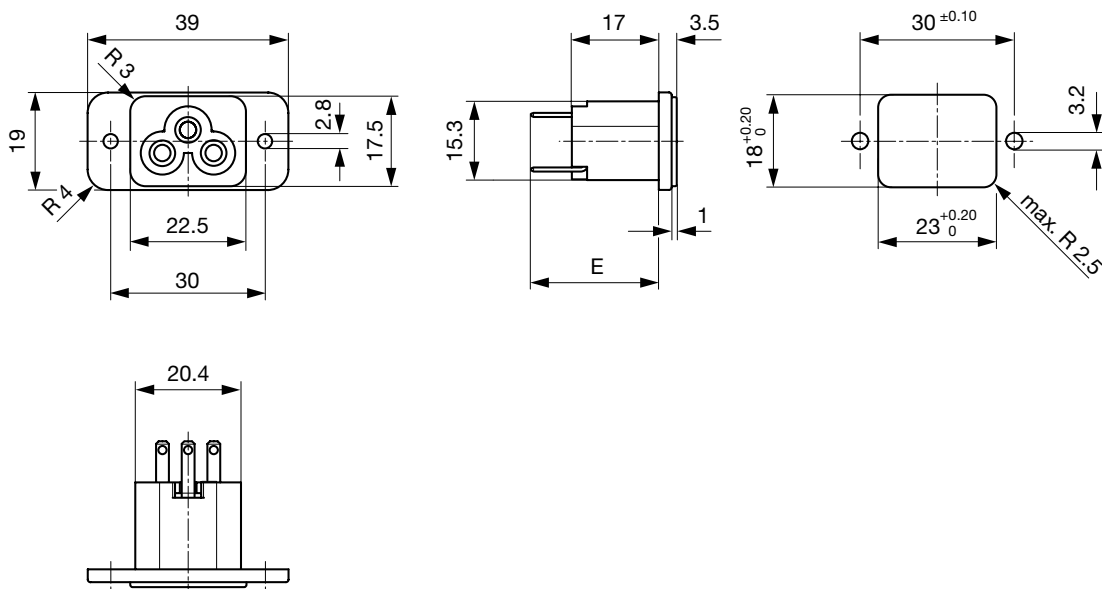
Compliances

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 | 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. |
|  | 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. |

Dimensions [mm]

Solder or quick connect terminals

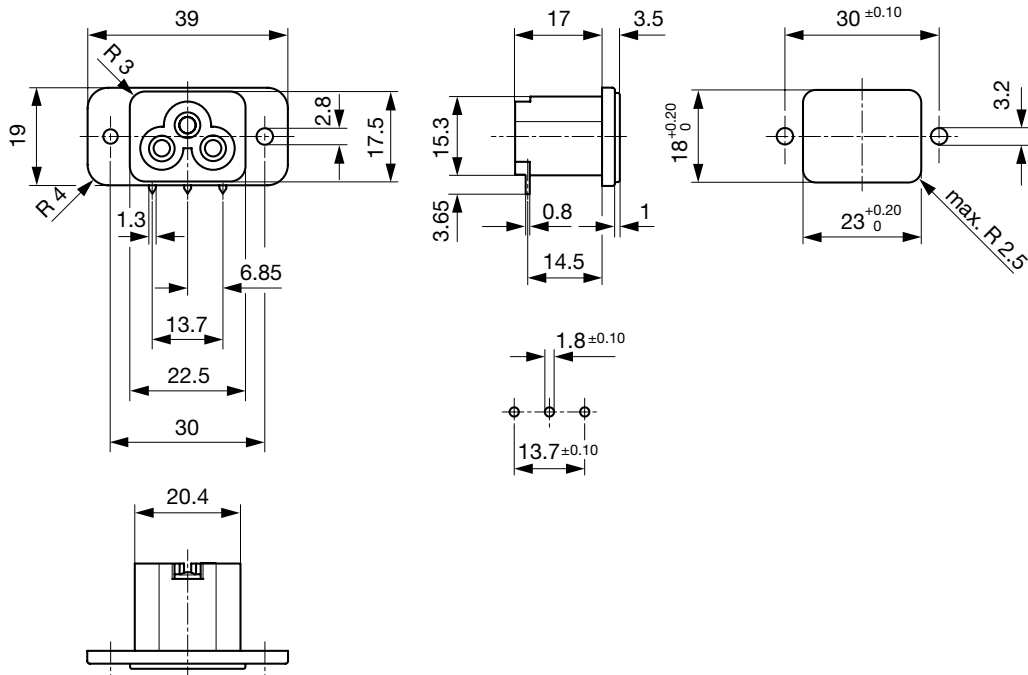


E: Solder terminals short: 18.9 mm

E: Solder terminals long: 22.6 mm

E: Quick connect terminals 2.8x0.8 mm: 24.9 mm

Solder terminals for PCB



Config. Code

2562 - H - A B C 0 - D - E


The characters are placeholders for the correspondingly keys of selections from the key tables.

2562 - H - A B C 0 - D - E = Type







| Type | Configuration key |
|--------------------|-------------------|
| protection class I | X |

Terminal L

Configuration key

| | | |
|---------------------|---|---|
| PCB-terminal (long) |  | C |
|---------------------|---|---|

2562 - H - A B C 0 - D - E = Terminals

| Terminal L | Configuration key |
|--|---|
| short solder terminal (L = 4.8 mm) |  2 |
| long solder terminal (L = 8.5 mm) |  3 |
| PCB-terminal standard (additional solder terminal) |  4 |
| Blade terminal (2.8 x 0.8 mm) |  7 |
| PCB-terminal (standard) |  A |
| PCB-terminal (short) |  B |

2562 - H - A B C 0 - D - E = Terminals

Terminal N

Configuration key

| | |
|--|---|
| short solder terminal (L = 4.8 mm) | 2 |
| long solder terminal (L = 8.5 mm) | 3 |
| PCB-terminal standard (additional solder terminal) | 4 |
| Blade terminal (2.8 x 0.8 mm) | 7 |
| PCB-terminal (standard) | A |
| PCB-terminal (short) | B |
| PCB-terminal (long) | C |

Symbols similar as in table A

2562 - H - A B C 0 - D - E = Terminals

Terminal Ground

Configuration key

| | |
|--|---|
| PCB-terminal standard (additional solder terminal) | 4 |
| Blade terminal (2.8 x 0.8 mm) | 7 |

Symbols similar as in table A

2562 - H - A B C 0 - D - E = Color

| | | | |
|--------------|--------------------------|---|--------------------------|
| Color | Configuration key | 2562 - H - A B C 0 - D - E = Style | |
| Black | A | Style | Configuration key |
| | | flange with through holes | 2 |

All Variants

| Terminals L / N | Terminal Ground | Config. Code | Order Number |
|--|--|----------------|--------------|
| PCB-terminal standard (additional solder terminal) | PCB-terminal standard (additional solder terminal) | 2562--4440-A-2 | 6160.0002 |

The listed variants should be available from stock. Other versions on request www.schurter.com/contact

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

Packaging unit 50 Pcs