

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

### Technical Data

|                                 |                                                                   |
|---------------------------------|-------------------------------------------------------------------|
| Ratings IEC                     | 2.5 A / 250 VAC; 50Hz                                             |
| Ratings UL/CSA                  | 2.5 A / 250 VAC; 60Hz                                             |
| Dielectric Strength             | > 4 kVAC between L-N<br>> 2 kVAC between L/N-PE<br>(1 min/50Hz)   |
| Allowable Operation Temperature | -25 °C to 70 °C                                                   |
| IP-Protection                   | from front side IP 20 acc. to IEC 60529                           |
| Insulation cover                | Suitable for appliances with protection class I acc. to IEC 61140 |
| Material: Housing               | PA6, black, UL 94V-0                                              |

|                         |                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------|
| appliance inlet/-outlet | C6 acc. to IEC 60320-1<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 2.5A, Protection Class I |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------|

### 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: 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 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment. |

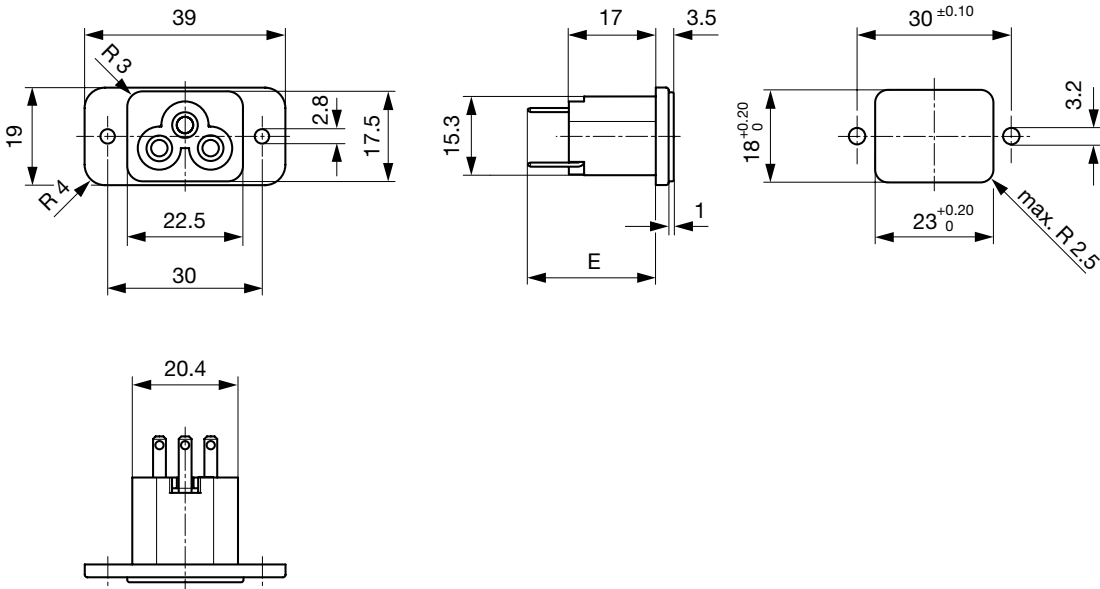
Compliances

The product complies with following Guide Lines

| Identification | Details                      | Initiator   | Description                                                                                                                                                                                           |
|----------------|------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CE             | 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           | RoHS                         | SCHURTER AG | EU Directive RoHS 2011/65/EU                                                                                                                                                                          |
| 50             | 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          | 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.                               |

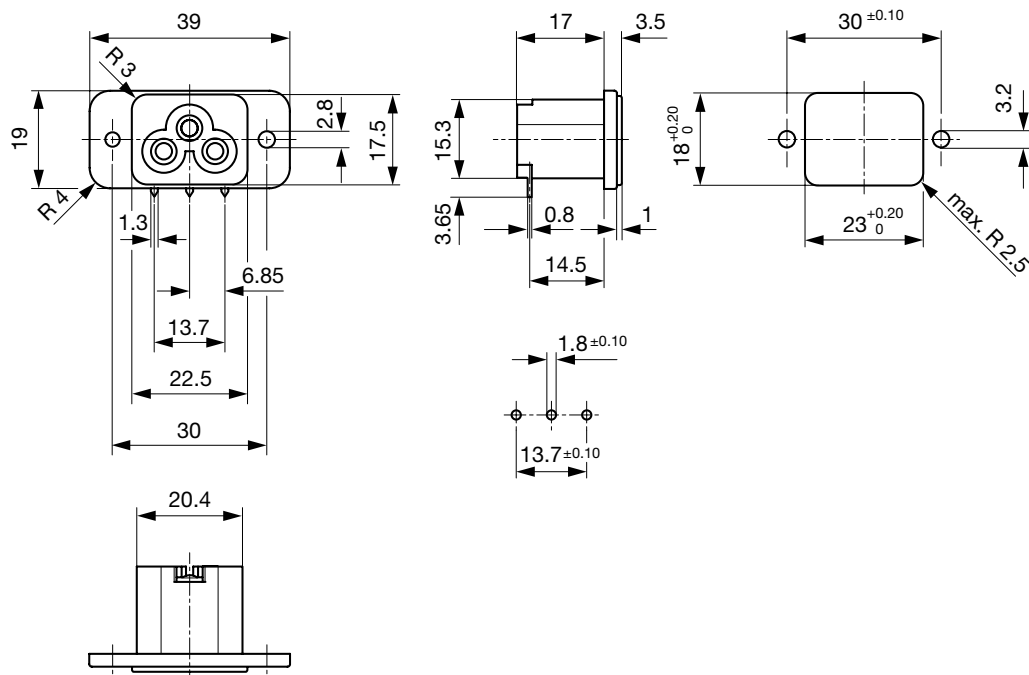
Dimensions [mm]

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 |
|-------|-------------------|
| Black | A                 |

2562 - H - A B C 0- D - **E** = Style

| 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 listet variants should be available from stock Other versions on request [www.schurter.com/contact](http://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