

IEC Appliance Inlet C6, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal



C6  
  
70° C

See below:  
**Approvals and Compliances**

### Description

- Panel Mount
- Snap-in version , Front Side
- Appliance Inlet , Pin temperature 70 °C Protection class I
- Solder or Quick Connect Terminal

### Characteristics

- Contact pins are turned from solid material

### Weblinks

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

### Technical Data

|                                 |   |
|---------------------------------|---|
| Ratings IEC                     | 2.5 A / 250VAC; 50Hz  |
| Ratings UL/CSA                  | 2.5 A / 250VAC; 60Hz  |
| Dielectric Strength             | > 4 kVAC between L-N<br>> 2 kVAC between L/N-PE<br>(1 min/50 Hz)  |
| 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 |
| Panel Thickness S               | Snap-in version<br>1/1.5/2/2/2.5 mm                               |
| 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<br>conditions) pin-temperature 70 °C,<br>2.5 A, 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: 2565

| Approval Logo   | Certificates                  | Certification Body | Description                      |
|---|-------------------------------|--------------------|----------------------------------|
|  | <a href="#">VDE Approvals</a> | VDE                | VDE Certificate Number: 40002273 |
|  | <a href="#">UL Approvals</a>  | UL                 | UL File Number: E96454           |
|  | <a href="#">CSA Approvals</a> | 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**

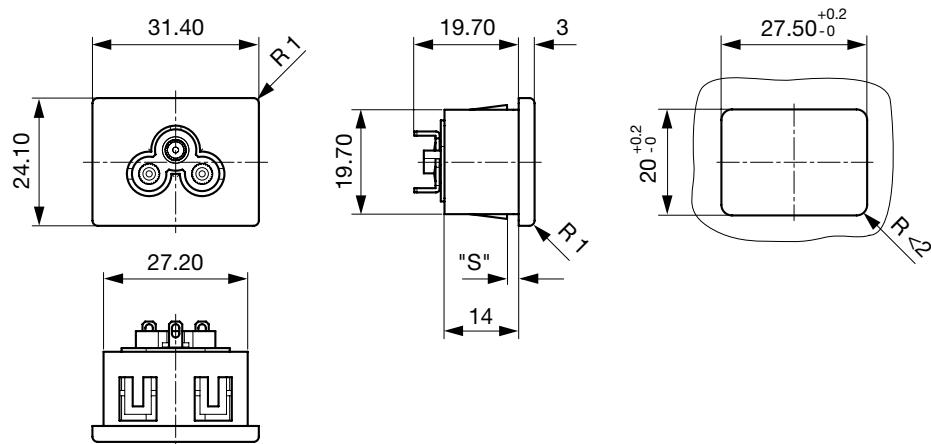
Application standards where the product can be used

| 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 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.                               |

**Dimensions [mm]**

Length of the terminal please find at the order code configuration table

Dimension "S" please ref. to table order code

**Config. Code**

2565 - H - A B C 0- D - E G

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

| 2565 - H - A B C 0- D - E G = Type      |                   | Terminal L                    | Configuration key |
|---|-------------------|-------------------------------|-------------------|
| Type                                    | Configuration key |                               |                   |
| protection class I                      | X                 |                               |                   |
| 2565 - H - A B C 0- D - E G = Terminals |                   |                               |                   |
| Terminal L                              | Configuration key |                               |                   |
| short solder terminal (L = 4.8 mm)      | 2                 | Blade terminal (2.8 x 0.8 mm) | 7                 |
| long solder terminal (L = 8.5 mm)       | 3                 | PCB-terminal (standard)       | A                 |
|   |                   | PCB-terminal (short)          | B                 |
|   |                   | PCB-terminal (long)           | C                 |
| 2565 - H - A B C 0- D - E G = Terminals |                   |                               |                   |

| Terminal N                         | Configuration key | Color | Configuration key |
|------------------------------------|-------------------|-------|-------------------|
| short solder terminal (L = 4.8 mm) | 2                 | Black | A                 |
| long solder terminal (L = 8.5 mm)  | 3                 |       |                   |
| 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

### 2565 - H - A B C 0 - D - E G = Terminals

| Terminal Ground                    | Configuration key | Dimension "S" | Configuration key |
|------------------------------------|-------------------|---------------|-------------------|
| short solder terminal (L = 4.8 mm) | 2                 | 10            |                   |
| long solder terminal (L = 8.5 mm)  | 3                 | 15            |                   |
| Blade terminal (2.8 x 0.8 mm)      | 7                 | 20            |                   |

Symbols similar as in table A

### 2565 - H - A B C 0 - D - E G = Color

2565 - H - A B C 0 - D - E G = Style

| Style                       | Configuration key |
|-----------------------------|-------------------|
| snap-in (s=panel thickness) | 4                 |

### 2565 - H - A B C 0 - D - E G = Dimension S

| Dimension "S" | Configuration key |
|---------------|-------------------|
| 10            |                   |
| 15            |                   |
| 20            |                   |
| 25            |                   |

The dimension "S" is displayed in  $(1/10$  mm). This information is also valid for the order code

## All Variants

| Terminals L / N                    | Terminal Ground                    | Panel Thickness s [1/10 mm] | Config. Code      | Order Number |
|------------------------------------|------------------------------------|-----------------------------|-------------------|--------------|
| Blade terminal (2.8 x 0.8 mm)      | Blade terminal (2.8 x 0.8 mm)      | 20                          | 2565-X-7770-A-420 | 6160.0040    |
| short solder terminal (L = 4.8 mm) | short solder terminal (L = 4.8 mm) | 20                          | 2565-X-2220-A-420 | 6163.0015    |
| short solder terminal (L = 4.8 mm) | short solder terminal (L = 4.8 mm) | 25                          | 2565-X-2220-A-425 | 6163.0021    |

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

## Mating Outlets/Connectors

### Category / Description



Power Supply Cord Overview complete

Cord Sets 2.5 A, Europlug, 2.0 m, Connector IEC C5, H05VV-F3G0.75, black

6052.0042

Power Supply Cord further types to 2565