

IEC Appliance Inlet C8, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal



C8  
  
 70 °C

**Description**

- Panel Mount:  
Snap-in version, Frontside
- Appliance Inlet, Pin temperature 70 °C, Protection class II

**Approvals**

- VDE License Number: 40002274
- UL License Number: E96454
- CSA License Number: 27324

**References**

[General Product Information](#)

**Weblinks**

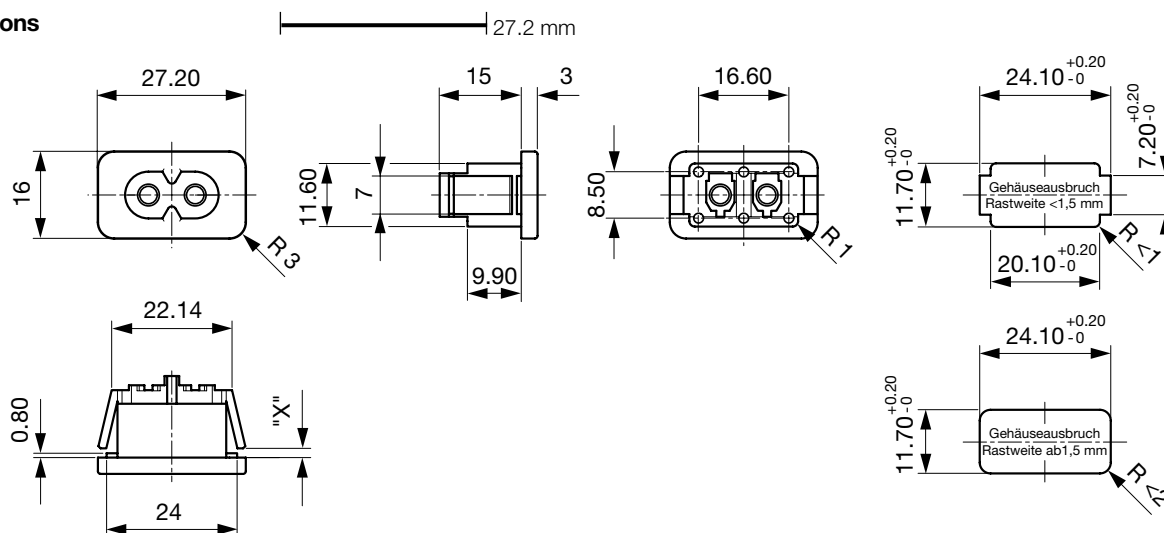
[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [Distributor-Stock-Check](#), [Accessories](#)

**Technical Data**

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Ratings IEC               | 2.5 A / 250 VAC; 50 Hz                                             |
| Ratings UL/CSA            | 2.5 A / 250 VAC; 60 Hz                                             |
| Dielectric Strength       | > 3 kVAC between L-N<br>> 1.5 kVAC between L/N-PE<br>(1 min/50 Hz) |
| Allowable Operation Temp. | -25 °C to 70 °C                                                    |
| Degree of Protection      | from front side IP 20 acc. to IEC 60529                            |
| Protection Class          | Suitable for appliances with protection class 2 acc. to IEC 61140  |
| Panel Thickness s         | Snap-in version<br>1/1.5/2/2.5/3 mm                                |
| Material: Housing         | UL 94V-0                                                           |

Appliance Inlet

C8 acc. to IEC/EN 60320-1  
 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 2.5 A, Protection Class 2

**Dimensions**

length of the terminal please find at the order code configuration table  
 Dimension "X" please ref. to table order code

## Config. Code

Product Configurator

2578 - H - A B C 0 - D - E G F

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

2578 - H - A B C 0 - D - E G F = Type

| Type               | Configuration key |
|--------------------|-------------------|
| protection class 2 | B                 |

2578 - H - A B C 0 - D - E G F = Terminals

| Terminal L                      | Configuration key |
|---------------------------------|-------------------|
| short solder terminal (L=4,8mm) | 2                 |
| long solder terminal (L=8,5mm)  | 3                 |
| blade terminal (2,8x0,8mm)      | 7                 |
| blade terminal (4,8x0,8mm)      | 8                 |
| blade terminal (6,3x0,8mm)      | 9                 |

2578 - H - A B C 0 - D - E G F = Terminals

| Terminal N                      | Configuration key |
|---------------------------------|-------------------|
| short solder terminal (L=4,8mm) | 2                 |
| long solder terminal (L=8,5mm)  | 3                 |
| blade terminal (2,8x0,8mm)      | 7                 |
| blade terminal (4,8x0,8mm)      | 8                 |
| blade terminal (6,3x0,8mm)      | 9                 |

Symbols similar as in table A

2578 - H - A B C 0 - D - E G F = Terminals

| Terminal Ground  | Configuration key |
|------------------|-------------------|
| without terminal | 0                 |

Symbols similar as in table A

2578 - H - A B C 0 - D - E G F = Color

| Color                 | Configuration key |
|-----------------------|-------------------|
| jet black; RAL9005    | A                 |
| silver grey; RAL7001  | B                 |
| pure white; RAL9010   | D                 |
| standard color: black |                   |

2578 - H - A B C 0 - D - E G F = Style

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

2578 - H - A B C 0 - D - E G F = Dimension X

| Dimension "X" | Configuration key |
|---------------|-------------------|
| 10            |                   |
| 15            |                   |
| 20            |                   |
| 25            |                   |
| 30            |                   |

The dimension "X" is displayed in ( $\frac{1}{10}$  mm). This information is also valid for the order code

2578 - H - A B C 0 - D - E G F = Orientation of Terminals

| Orientation of Terminals | Configuration key |
|--------------------------|-------------------|
| horizontal               | A                 |
| vertical                 | B                 |

## Variants

| Config. Code       | Description                                                                                                                                                                                                                      | Order Number |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 2578-X-7700-A-425B | 2578, IEC Appliance Inlet C8, 70°C, Schutzklasse 2, L: blade terminal (2,8x0,8mm), N: blade terminal (2,8x0,8mm), Erde: without terminal, Farbe jet black; RAL9005, Bauform: snap-in (x=panel thickness), Mass X: 25             | 6160.0027    |
| 2578-X-2200-A-415B | 2578, IEC Appliance Inlet C8, 70°C, Schutzklasse 2, L: short solder terminal (L=4,8mm), N: short solder terminal (L=4,8mm), Erde: without terminal, Farbe jet black; RAL9005, Bauform: snap-in (x=panel thickness), Mass X: 15   | 6160.0029    |
| 2578-X-3300-A-420B | 2578, IEC Appliance Inlet C8, 70°C, Schutzklasse 2, L: long solder terminal (L=8,5mm), N: long solder terminal (L=8,5mm), Erde: without terminal, Farbe jet black; RAL9005, Bauform: snap-in (x=panel thickness), Mass X: 20     | 6160.0031    |
| 2578-X-9900-A-415B | 2578, IEC Appliance Inlet C8, 70°C, Schutzklasse 2, L: blade terminal (6,3x0,8mm), N: blade terminal (6,3x0,8mm), Erde: without terminal, Farbe jet black; RAL9005, Bauform: snap-in (x=panel thickness), Mass X: 15             | 6160.0032    |
| 2578-X-7700-A-415B | 2578, IEC Appliance Inlet C8, 70°C, Schutzklasse 2, L: blade terminal (2,8x0,8mm), N: blade terminal (2,8x0,8mm), Erde: without terminal, Farbe jet black; RAL9005, Bauform: snap-in (x=panel thickness), Mass X: 15             | 6163.0016    |
| 2578-X-2200-B-425B | 2578, IEC Appliance Inlet C8, 70°C, Schutzklasse 2, L: short solder terminal (L=4,8mm), N: short solder terminal (L=4,8mm), Erde: without terminal, Farbe silver grey; RAL7001, Bauform: snap-in (x=panel thickness), Mass X: 25 | 6163.0017    |

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

## Packaging unit

100 Pcs

## Mating Outlets/Connectors

### Category / Description

[Power Cord Overview complete](#)



|                                                 |      |
|-------------------------------------------------|------|
| Power Cord with IEC Connector C7, Straight 70°C | 2510 |
| Power Cord with IEC Connector C7, Angled        | 2511 |
| Power Cord with IEC Plug C7, Angled             | 2514 |
| Power Cord with IEC Connector C7, Straight 70°C | 4810 |

[Power Cord further types to 2578](#)