

IEC Appliance Inlet C8 polarized, Screw-on Mounting, Front Side, Solder, Quick Connect or PCB Terminal



C8 polarized



70 °C

See below:

**Approvals and Compliances**

### Description

- Panel mount
- Screw-on mounting , from front side
- Appliance Inlet , Pin temperature 70 °C , Protection class II
- Solder, Quick Connect or PCB Terminal

### Weblinks

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

### Technical Data

|                                   |                                                                    |
|-----------------------------------|--------------------------------------------------------------------|
| Ratings IEC                       | 2.5 A / 250 VAC; 50 Hz                                             |
| Ratings UL/CSA                    | 2.5 A / 250 VAC; 60 Hz                                             |
|                                   | 7 A / 125 VAC; 60 Hz                                               |
| Dielectric Strength               | > 1.5 kVAC between L-N<br>> 3 kVAC between L/N-PE<br>(1 min/50 Hz) |
| 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 II acc. to IEC 61140 |
| Material: Housing                 | PA6, black / grey / white, UL 94V-0                                |

|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Appliance inlet/-outlet | C8p acc. to IEC 60320-1<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 2.5 A, Protection Class II |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|

### 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: 2577

| Approval Logo                                                                       | Certificates                  | Certification Body | Description                      |
|-------------------------------------------------------------------------------------|-------------------------------|--------------------|----------------------------------|
|  | <a href="#">VDE Approvals</a> | VDE                | VDE Certificate Number: 40034368 |
|  | <a href="#">UL Approvals</a>  | UL                 | UL File Number: E96454           |

### 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. |

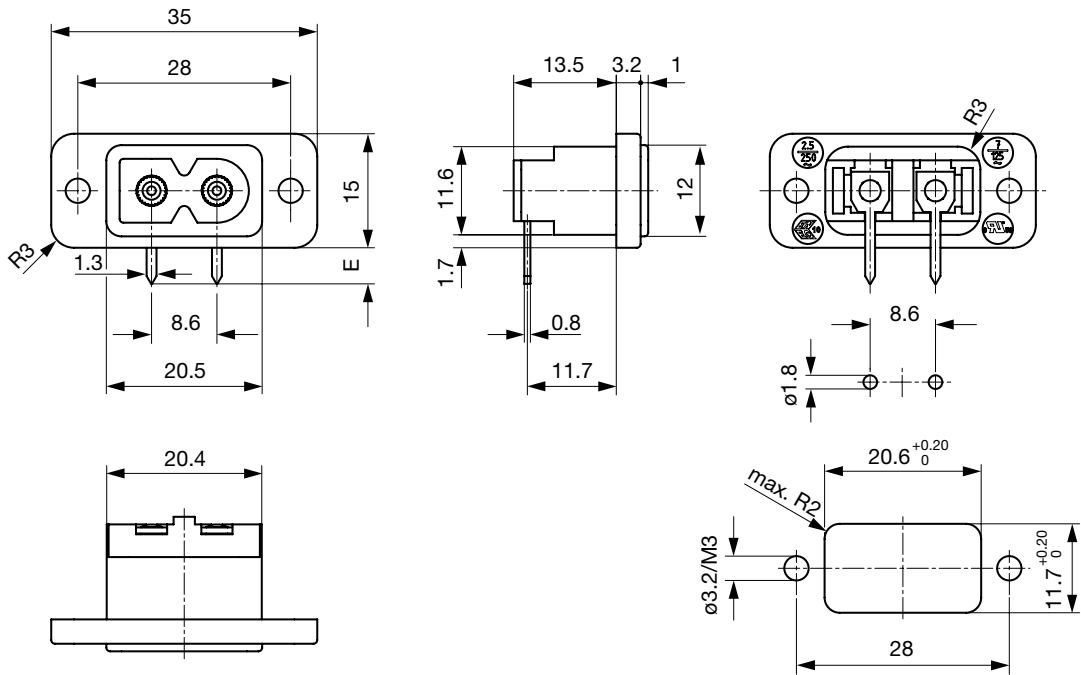
Compliances

The product complies with following Guide Lines

| Identification                                                                   | Details                                      | Initiator   | Description                                                                                                                                                                                           |
|----------------------------------------------------------------------------------|----------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">CE declaration of conformity</a> | 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.                               |

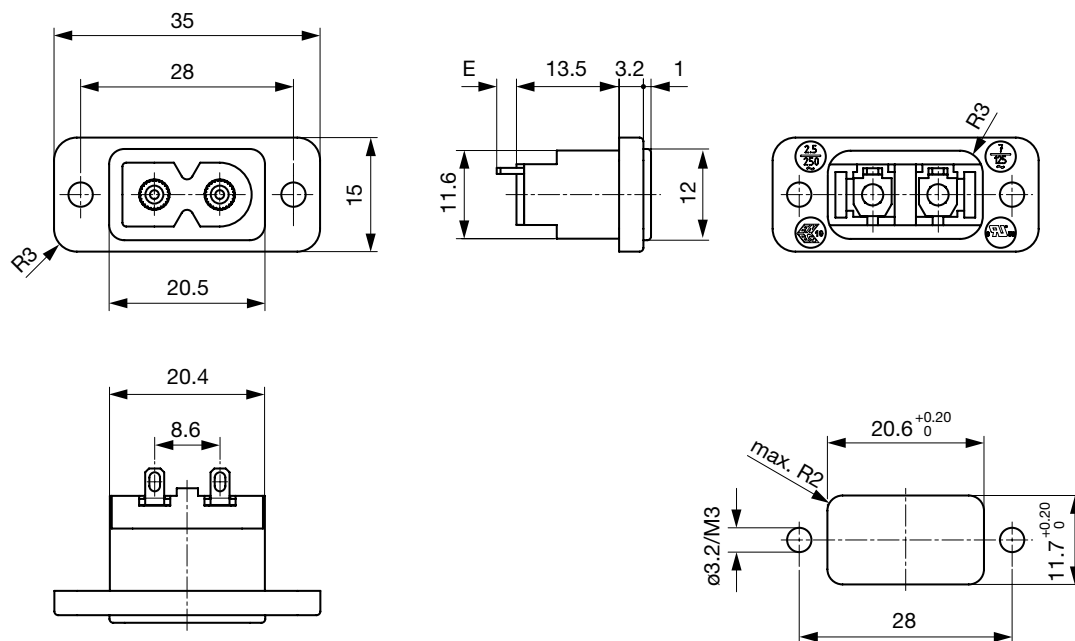
Dimensions [mm]

Solder terminals for PCB



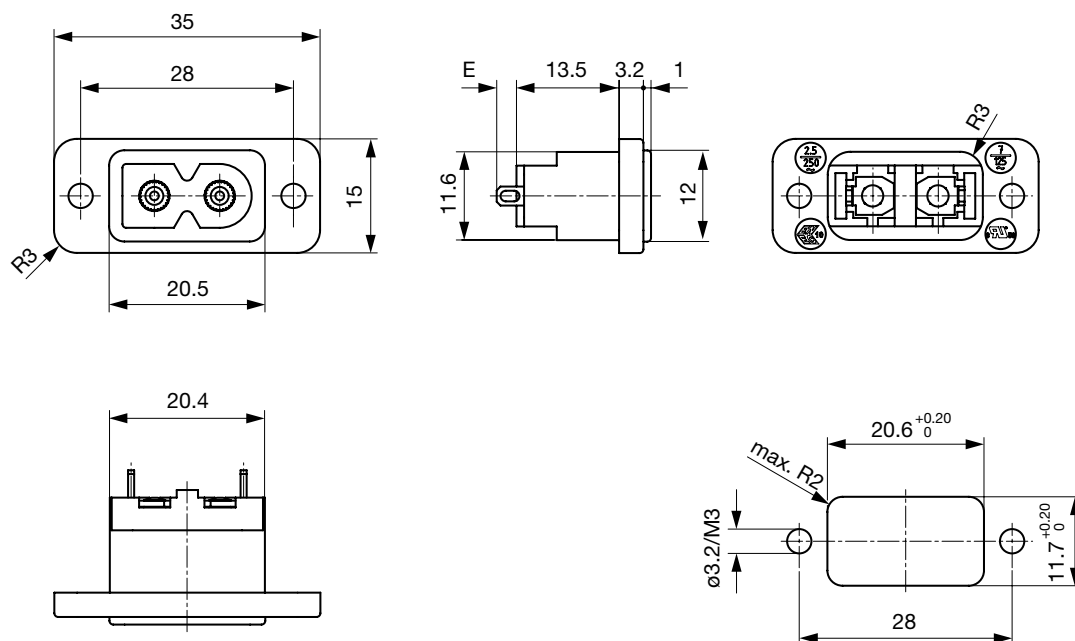
- E: PCB terminal standard: 4.8 mm
- E: PCB terminal short: 3.2 mm
- E: PCB terminal long: 5.9 mm

# Terminals orientation A



E: Solder terminals short: 3.6 mm (L=4.8 mm)  
E: Solder terminals long: 7.3 mm (L=8.5 mm)  
E: Quick connect terminals 2.8x0.8 mm: 9.6 mm

# Terminals orientation B



E: Solder terminals short: 3.6 mm (L=4.8 mm)  
E: Solder terminals long: 7.3 mm (L=8.5 mm)  
E: Quick connect terminals 2.8x0.8 mm: 9.6 mm

## Config. Code

2577 - H - A B C 0 - D - E G F

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

## 2577 - H - A B C 0 - D - E G F = Type

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

## 2577 - H - A B C 0 - D - E G F = 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                 |
| PCB-terminal short (additional solder terminal)    | 5                 |
| PCB-terminal long (additional solder terminal)     | 6                 |
| Blade terminal (2.8 x 0.8 mm)                      | 7                 |
| PCB-terminal (standard)                            | A                 |
| PCB-terminal (short)                               | B                 |
| PCB-terminal (long)                                | C                 |

## 2577 - H - A B C 0 - D - E G F = 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                 |

Symbols similar as in table A

| Terminal N                                      | Configuration key |
|-------------------------------------------------|-------------------|
| PCB-terminal short (additional solder terminal) | 5                 |
| PCB-terminal long (additional solder terminal)  | 6                 |
| 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

## 2577 - H - A B C 0 - D - E G F = Terminals

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

Symbols similar as in table A

## 2577 - H - A B C 0 - D - E G F = Color

| Color | Configuration key |
|-------|-------------------|
| Black | A                 |
| Grey  | B                 |
| White | D                 |

## 2577 - H - A B C 0 - D - E G F = Style

| Style                         | Configuration key |
|-------------------------------|-------------------|
| flange with countersunk holes | 1                 |
| flange with through holes     | 2                 |

## 2577 - H - A B C 0 - D - E G F = Dimension S

| Dimension "S" | Configuration key |
|---------------|-------------------|
| 00            |                   |

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

## 2577 - H - A B C 0 - D - E G F = Orientation of Terminals

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

## All Variants

| Terminals L / N                                    | Orientation of Terminals | Color | Style                     | Config. Code       | Order Number |
|----------------------------------------------------|--------------------------|-------|---------------------------|--------------------|--------------|
| short solder terminal (L = 4.8 mm)                 | horizontal               | Black | flange with through holes | 2577-X-2200-A-200A | 6160.0101    |
| long solder terminal (L = 8.5 mm)                  | horizontal               | Black | flange with through holes | 2577-X-3300-A-200A | 6160.0102    |
| PCB-terminal standard (additional solder terminal) | horizontal               | Black | flange with through holes | 2577-X-4400-A-200A | 6160.0103    |
| PCB-terminal (short)                               | horizontal               | Black | flange with through holes | 2577-X-BB00-A-200A | 6160.0104    |
| PCB-terminal (long)                                | horizontal               | Black | flange with through holes | 2577-X-CC00-A-200A | 6160.0105    |

| Terminals L / N                    | Orientation of Terminals | Color | Style                     | Config. Code       | Order Number |
|------------------------------------|--------------------------|-------|---------------------------|--------------------|--------------|
| Blade terminal (2.8 x 0.8 mm)      | horizontal               | Black | flange with through holes | 2577-X-7700-A-200A | 6160.0106    |
| short solder terminal (L = 4.8 mm) | vertical                 | Black | flange with through holes | 2577-X-2200-A-200B | 6160.0143    |

The listed variants should be available from stock. Other versions on request [www.schurter.com/contact](https://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** 100 Pcs

## Mating Outlets/Connectors

### Category / Description



[Power Supply Cord Overview complete](#)

Cord Sets 2.5 A, North America, Black, 2.5 m, SVT 2x18AWG, IEC C7p, 002500 mm, SVT 2x18 AWG, black

6052.0047

[Power Supply Cord further types to 2577](#)

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
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«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
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