

## IEC Appliance Outlet D, insert Mounting, Solder Terminal



See below:

[Approvals and Compliances](#)

### Description

- Connector , Pin temperature 70 °C , Protection class II
- Solder terminal

### Other versions on request

- For protection class II

### Weblinks

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

### Technical Data

|                                   |                                                                    |
|-----------------------------------|--------------------------------------------------------------------|
| Ratings IEC                       | 2.5 A / 250 VAC; 50 Hz                                             |
| Ratings UL/CSA                    | 4 A / 250 VAC; 60 Hz                                               |
| 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 IP20 acc. to IEC 60529                             |
| Protection against electric shock | Suitable for appliances with protection class II acc. to IEC 61140 |
| Terminal                          | Solder terminal straight                                           |
| 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: 5086

| Approval Logo                                                                       | Certificates                  | Certification Body | Description                      |
|-------------------------------------------------------------------------------------|-------------------------------|--------------------|----------------------------------|
|  | <a href="#">VDE Approvals</a> | VDE                | VDE Certificate Number: 40034348 |
|  | <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 | 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

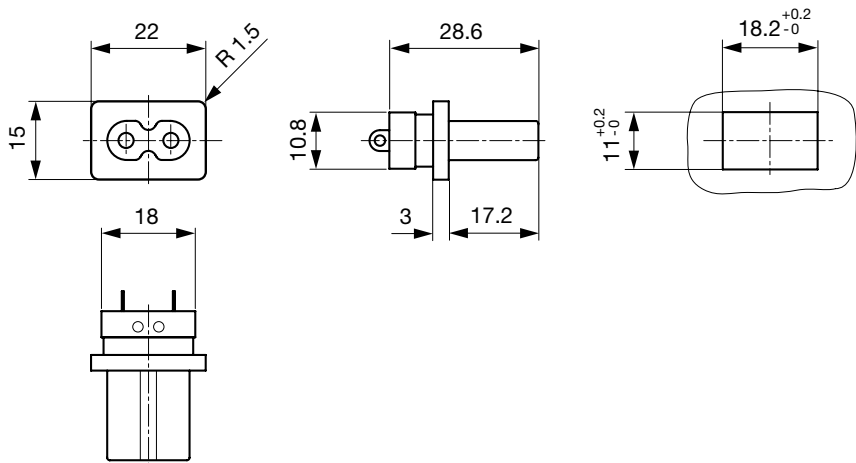
| Organization                                                                     | Design                         | Standard     | Description                                                                                     |
|----------------------------------------------------------------------------------|--------------------------------|--------------|-------------------------------------------------------------------------------------------------|
|  | 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                                                                                                                                                                                           |
|------------------------------------------------------------------------------------|----------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <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. |
|    | <a href="#">RoHS</a>                         | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863                                                                                                                                                    |
|   | <a href="#">China RoHS</a>                   | 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.                                                                                  |
|  | <a href="#">REACH</a>                        | 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

Config. Code

5086 - H - A B C 0- D - E

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

5086 - **H** - A B C 0- D - E = Type

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

5086 - H - **A** B C 0- D - E = Terminals

| Terminal L      | Configuration key                                                                       |
|-----------------|-----------------------------------------------------------------------------------------|
| solder terminal |  1 |

5086 - H - A **B** C 0- D - E = Terminals

| Terminal N      | Configuration key |
|-----------------|-------------------|
| solder terminal | 1                 |

Symbols similar as in table A

5086 - H - A B **C** 0- D - E = Terminals

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

Symbols similar as in table A

5086 - H - A B C 0- **D** - E = Color

| Color | Configuration key |
|-------|-------------------|
| Black | A                 |

5086 - H - A B C 0- D - **E** = Style

| Style       | Configuration key |
|-------------|-------------------|
| insert type | 5                 |

## All Variants

| Terminals L / N | Color | Style | Config. Code    | Order Number |
|-----------------|-------|-------|-----------------|--------------|
| solder terminal | black | -     | 5086-X-1100-A-5 | 6180.0006    |

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** 50 Pcs

## Accessories

### Description



### Wire Harness

Wire harness for SCHURTER products