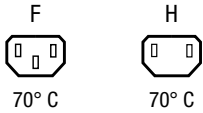IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal

F   H
70° C   70° C

See below:
**Approvals and Compliances**

## Description
- Panel mount :
  Screw-on mounting , front side
- 1 Function :

- Connector , Pin temperature 70 °C , protection class I or II
- Solder / Quick Connect

## References
We recommend for new applications the type   6600-3
### Weblinks
pdf data sheet, html datasheet, General Product Information, Approvals, Distributor-Stock-Check, Accessories, Detailed request for product

## Technical Data

| | |
|---|---|
| Ratings IEC | 10 A / 250 VAC; 50 Hz |
| Ratings UL/CSA | 15 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 | front side IP20 acc. to IEC 60529 |
| Protection against electric shock | Suitable for appliances with protection class I or II acc. to IEC 61140 |
| Terminal | Solder / Quick Connect |
| Material: Housing | PA6, black or grey, UL 94V-0 |

| | |
|---|---|
| Appliance inlet/-outlet | F acc. to IEC 60320-3 /<br>H UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I or 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: 5098

| Approval Logo | Certificates | Certification Body | Description |
|---|---|---|---|
| VDE | VDE Approvals | VDE | VDE Certificate Number: 40010295 |
| UL | UL Approvals | UL | UR File Number: E57445 |
| CSA | CSA Approvals | CSA | CSA Certification Record: 27324 |

## Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|---|---|---|---|
| IEC | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
| IEC | Designed according to | IEC 60320-3 | Appliance couplers for household and similar general purposes |
| UL | Designed according to | UL 498 | Standard for Attachment Plugs and Receptacles |
| CSA Group | Designed according to | CSA C22.2 no. 42 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

## Application standards
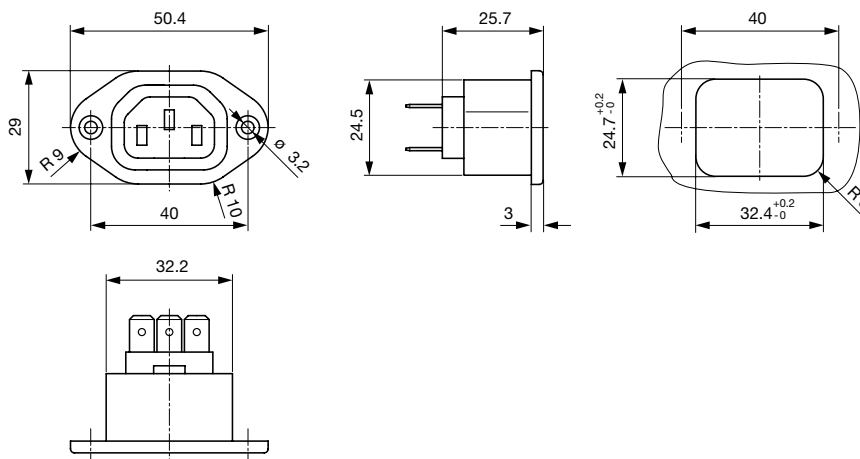
Application standards where the product can be used

| Organization | Design | Standard | Description |
|---|---|---|---|
| IEC | Designed for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |

## 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. |
| UKCA | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. |
| RoHS COMPLIANT | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
| China RoHS | 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]



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

## Config. Code

5098 - H - A B C 0- D - E

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

5098 - **H** - A B C 0- D - E  **= Type**

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

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

### 5098 - H - **A** B C 0- D - E = Terminals

| Terminal L | | Configuration key |
|---|---|---|
| solder terminal | | 1 |
| PCB-terminal standard | | 4 |
| Blade terminal (6.3 x 0.8 mm) | | 9 |

### 5098 - H - A **B** C 0- D - E = Terminals

| Terminal N | Configuration key |
|---|---|
| solder terminal | 1 |
| PCB-terminal standard | 4 |
| Blade terminal (6.3 x 0.8 mm) | 9 |

Symbols similar as in table A

### 5098 - H - A B **C** 0- D - E = Terminals

| Terminal Ground | Configuration key |
|---|---|
| without terminal | 0 |
| solder terminal | 1 |
| PCB-terminal standard | 4 |
| Blade terminal (6.3 x 0.8 mm) | 9 |

Symbols similar as in table A

### 5098 - H - A B C 0- **D** - E = Color

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

### 5098 - H - A B C 0- D - **E** = Style

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

## All Variants

| Type | Terminals L / N | Terminal Ground | Color | Style | Features | Config. Code | Order Number | |
|---|---|---|---|---|---|---|---|---|
| Protection class II | Blade terminal (6.3 x 0.8 mm) | | black | Flange with countersunk holes | - | 5098-B-9900-A-1 | 6182.0027 | |
| Protection class I | solder terminal | solder terminal | black | Flange with countersunk holes | - | 5098-X-1110-A-1 | 6182.0028 | ▌ |
| Protection class I | solder terminal | solder terminal | grey | Flange with countersunk holes | - | 5098-X-1110-B-1 | 6182.0030 | |
| Protection class I | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | black | Flange with countersunk holes | - | 5098-X-9990-A-1 | 6182.0031 | ▌ |
| Protection class I | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | grey | Flange with countersunk holes | - | 5098-X-9990-B-1 | 6182.0032 | |

The listed variants should be available from stock. Other versions on request  www.schurter.com/contact

▌ Most Popular.

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**



**RC320**
Rear Cover for Power Entry Module

## Mating Inlets/Plugs

**Category / Description**

Plug Overview complete

| | |
|---|---|
| 4732, Mounting: Power Cord, Plug: IEC E, Cable | 4732 |
| 4735, Mounting: Power Cord, Plug: IEC E, Cable | 4735 |
| 9009, Mounting: Plug: IEC E, Screw clamps | 9009 |
| 4733, Mounting: Power Cord, Plug: IEC E, Cable | 4733 |
| 4736, Mounting: Power Cord, Plug: IEC E, Cable | 4736 |
| | ... |

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