IEC Appliance Outlet F Shuttered with Fuseholder 1-pole

IEC Appliance Outlet F closed with fuseholder
Snap-in mounting from front side

IEC Appliance Outlet F closed with fuseholder
Snap-in mounting from front side
with neon indicator
with neon indicator

F

70° C

See below:
**Approvals and Compliances**

## Description

- Panel mount :
  Snap-in version from front side
- 3 Functions :
  Connector shuttered Protection class I , Fuseholder for fuse-links 5 x 20 mm 1-pole , with or without neon indicator
- Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 &-13.
- Solder terminals 3.8 x 0.8 mm

## Characteristics

- With internal connections, except neon indicator to allow for different configurations
- Neon indicator with wire terminals (80...250V)
- With slotted screw type fuseholder
- Suitable for use in equipment according to IEC/UL 60950

## 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 | 10 A / 250 VAC; 50 Hz |
| Ratings UL/CSA | 10 A / 250 VAC; 60 Hz |
| Dielectric Strength | > 2.5 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 IP40 acc. to IEC 60529 |
| Protection against electric shock | Suitable for appliances with protection class I acc. to IEC 61140 |
| Terminal | Solder terminals 3.8 x 0.8 mm<br>except neon indicator |
| Panel Thickness S | Snap-in: 1/1.2/1.5/2/2.5/3 mm |
| Material: Housing | Thermoplastic, black, UL 94V-0 |

| | |
|---|---|
| appliance inlet/-outlet | F acc. to IEC 60320-3<br>UL 60320-1, CSA C22.2 no. 60320-1<br>(for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I |
| Fuseholder | 1-pole, Shocksafe category PC2 acc. to IEC 60127-6,<br>for fuse-links 5 x 20 mm |
| Rated Power Acceptance @ Ta 23 °C | 5 x 20: 1.6 W (1 pole) |
| Power Acceptance @ Ta > 23°C | Admissible power acceptance at higher ambient temperature see derating curves |

## 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: 4719

| Approval Logo | Certificates | Certification Body | Description |
|---|---|---|---|
| | VDE Approvals | VDE | VDE Certificate Number: 40046489 |
| | UL Approvals | UL | UL File Number: E93617 |

## 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 |
| IEC | Designed according to | IEC 60127-6 | Miniature fuses. Part 6. Fuse-holders for miniature fuse-links |
| UL | Designed according to | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
| CSA Group | Designed according to | CSA C22.2 no. 60320-1 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

## Application standards

Application standards where the product can be used

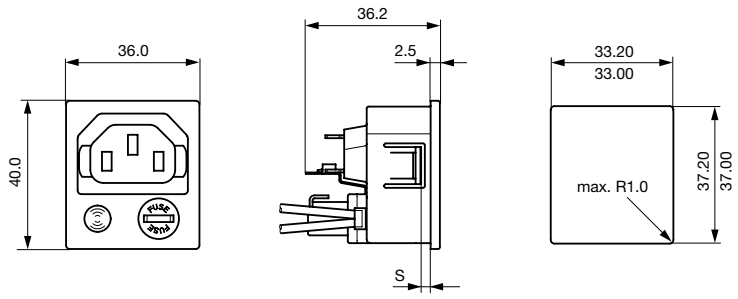
| Organization | Design | Standard | Description |
|---|---|---|---|
| IEC | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment. |
| IEC | Designed for applications acc. | IEC 60601-1 | Medical electrical equipment - Part 1: General requirements for basic safety and essential performance |
| IEC | Designed for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |

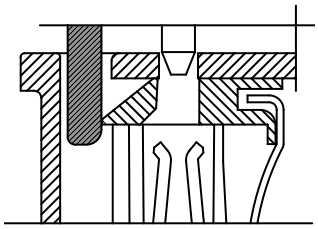
## Compliances

The product complies with following Guide Lines

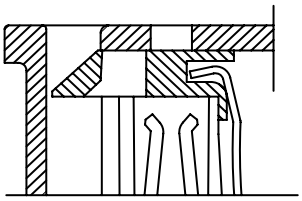
| Identification | Details | Initiator | Description |
|---|---|---|---|
| CE | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
| RoHS | 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. |
| White Paper Glow wire test | White Paper Glow wire test | SCHURTER AG | Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 &-13. |
| Medical Technology | Medical Technology | SCHURTER AG | Suitable for use in medical equipment according to IEC/UL 60601-1 |

## Dimensions [mm]



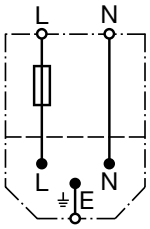


Shutter operation:
shutters opened by plug insertion

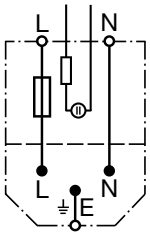


Shutter operation:
shutters closed when plug is removed

## Diagrams



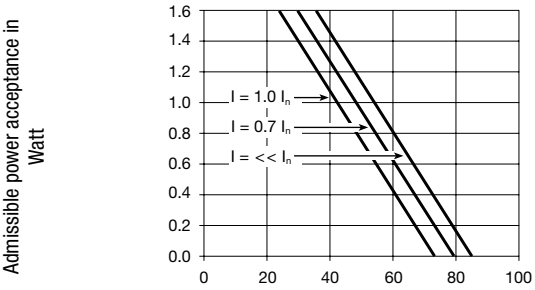

Version without neon indicator




Version with neon indicator

## Derating Curves

1-pole




## All Variants

| Panel Thickness s [mm] | Neon indication | Order Number |
|---|---|---|
| 1 | ● | 4719.3300 |
| 1.2 | ● | 4719.8300 |
| 1.5 | ● | 4719.4300 |
| 2 | ● | 4719.5300 |
| 2.5 | ● | 4719.6300 |
| 3 | ● | 4719.7300 |
| 1 | | 4719.3310 |
| 1.2 | | 4719.8310 |
| 1.5 | | 4719.4310 |
| 2 | | 4719.5310 |
| 2.5 | | 4719.6310 |
| 3 | | 4719.7310 |

Most Popular.

| Panel Thickness s [mm] | Neon indication | Order Number |
|---|---|---|

Availability for all products can be searched real-time:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

**Packaging unit** 100 Pcs

## Accessories

| | Description | |
|---|---|---|
| | Wire Harness<br>Wire harness for SCHURTER products | |
| | Assorted Covers<br>Rear Cover | |
| | | 0859.0075 |

## 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 |
| | Plug further types to 4719 | ... |

11.03.2020



The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.

LifeElectronics
Живое партнерство

**ООО «ЛайфЭлектроникс»** **“LifeElectronics” LLC**

*ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703*

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- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
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- *Наличие сертификата ISO.*

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