

IEC Appliance Inlet C14 or C18 with Fuseholder 1- or 2-pole



See below:
[Approvals and Compliances](#)

Description

- Panel mount :
 Snap-in version , front side Appliance Inlet , Protection class I , Fuseholder for fuse-links 5 x 20 mm
- 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 / Quick Connect

Characteristics

- The fuse drawer "Fingerrip" can be removed by hand

Weblinks

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

Technical Data

| | |
|-----------------------------------|---|
| Ratings IEC | 10A / 250VAC; 50Hz |
| Ratings UL/CSA | 10A / 250VAC; 60Hz |
| Dielectric Strength | > 3kVAC between L-N > 1.5kVAC between L/N-PE (1 min/50Hz) |
| 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 |
| Panel Thickness S | Snap-in 1.0 - 2.5 mm |
| Material: Housing | PA6, black / grey / white, UL 94V-0 |

| | |
|------------------------------|--|
| Appliance inlet/-outlet | C14 / C18 acc. to IEC 60320-1 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I or II |
| Fuseholder | 1-/2-pole, acc. to IEC 60127-6, for fuse-links 5 x 20mm |
| 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: 1064

| Approval Logo | Certificates | Certification Body | Description |
|---------------|---------------------------------|--------------------|--|
| | SEMKO Approvals | SEMKO | Certificate Number: SE/09137-1A |
| | UL Approvals | UL | UR File Number: E93617 |
| | CCC Approvals | CCC | CCC Certificate Number: 2024180204058483, 2024180204058482 |



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 60127-6 | Miniature fuses. Part 6. Fuse-holders for miniature fuse-links |
|  | Designed according to | IEC 61058-1 | Switches for appliances. Part 1. General requirements |
|  | 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

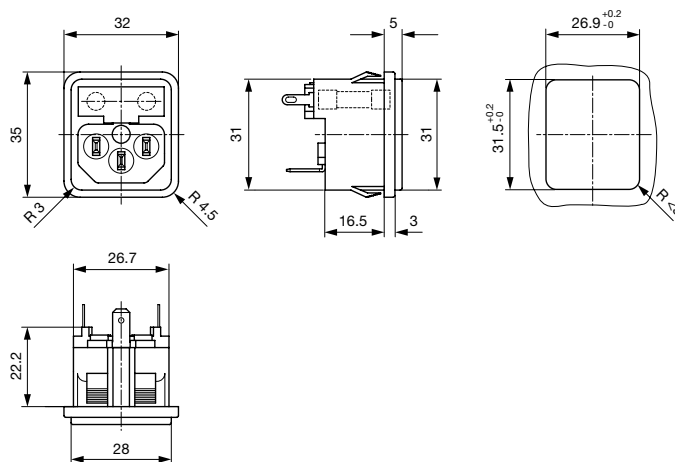
| Organization | Design | Standard | Description |
|--|--------------------------------|----------------|--|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |
|  | Suitable for applications acc. | IEC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

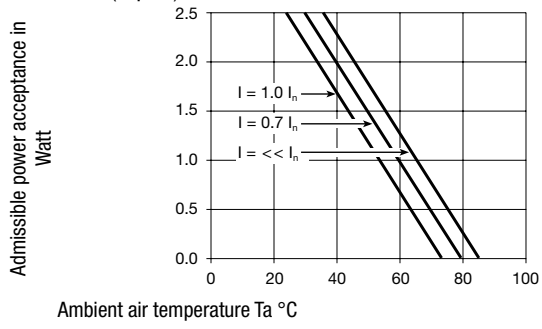
Dimensions [mm]



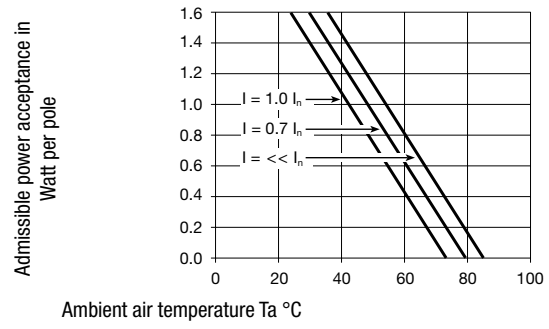
Length of the terminal please find at the order code configuration table

Derating Curves

Fuses
 5 x 20 mm (1-pole)



2-pole



Order number key

1 0 6 4 - X - B B 2 1 - A - 3 0 0 4 - 0 0
1 - 2 3 4 5 - 6 - 7 x x 8 -

| | | | |
|--|---|----|---------------|
| | | | 1 |
| PC I | = | X | |
| PC II | = | B | |
| | | | 2 |
| Solder (L=8.5mm) | = | 3 |44), 61) |
| Quick Connect (4.8x0.8mm) | = | 8 |44) |
| Connection to fuseholder | = | B | |
| | | | 3 |
| Solder (L=4.8mm) | = | 2 | |
| Solder (L=8.5mm) | = | 3 |61) |
| Quick Connect (4.8x0.8mm) | = | 8 | |
| Quick Connect (6.3x0.8mm) | = | 9 |60) |
| Connection to fuseholder | = | B |44) |
| | | | 4 |
| Solder (L=4.8mm) | = | 2 | |
| Quick Connect (4.8x0.8mm) | = | 8 | |
| Quick Connect (6.3x0.8mm) | = | 9 | |
| Without (PCII) | = | 0 | |
| | | | 5 |
| Solder | = | 1 | |
| Without | = | 0 |61) |
| | | | 6 |
| Black | = | A | |
| White | = | D |60) |
| | | | 7 |
| Snap-in (1.5mm - 2.5mm) | = | 3 | |
| | | | 8 |
| Blind cover | = | 1 |61) |
| Fuseholder w. text legible, when inlet on top (Text under Connector) | = | 4 | |
| Fuseholder w. text legible, when inlet on top (Text over connector) | = | 5 | |
| | | | 9 |
| Standard variant | = | 00 | |

- 44) 2-pole fuseholder variants only
59) Only for customer specific type 01
60) Only PC I
61) Only PC II

Variants

| Connector | | | | | | Fuseholder | | Config. Code | Order Number |
|---------------------|---------------------------|------------------------------------|------------------------------------|-------|-----------------------|--|-----------------|--------------------|--------------|
| Type | Terminal L | Terminal N | Terminal Ground | Color | Style | Marking | Number of Poles | | |
| protection class II | connection to fuse holder | connection to fuse holder | without terminal | Black | snap-in standard type | holder for 1 or 2 fuses (text legible, when inlet on top) | 2-pole | 1064-B-BB01-A-3004 | 4304.6024 |
| protection class I | connection to fuse holder | short solder terminal (L = 4.8 mm) | short solder terminal (L = 4.8 mm) | Black | snap-in standard type | holder for 1 or 2 fuses (text legible, when inlet on top) | 1-pole | 1064-X-B221-A-3004 | 4304.6025 |
| protection class I | connection to fuse holder | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Black | snap-in standard type | holder for 1 or 2 fuses (text legible, when inlet on top) | 1-pole | 1064-X-B881-A-3004 | 4304.6026 |
| protection class I | connection to fuse holder | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Black | snap-in standard type | holder for 1 or 2 fuses (text legible, when inlet on top) | 1-pole | 1064-X-B991-A-3004 | 4304.6027 |
| protection class I | connection to fuse holder | connection to fuse holder | short solder terminal (L = 4.8 mm) | Black | snap-in standard type | holder for 1 or 2 fuses (text legible, when inlet on top) | 2-pole | 1064-X-BB21-A-3004 | 4304.6028 |
| protection class I | connection to fuse holder | connection to fuse holder | short solder terminal (L = 4.8 mm) | Black | snap-in standard type | holder for 1 or 2 fuses (text legible, when inlet on bottom) | 2-pole | 1064-X-BB21-A-3005 | 4304.6029 |
| protection class I | connection to fuse holder | connection to fuse holder | Blade terminal (4.8 x 0.8 mm) | Black | snap-in standard type | holder for 1 or 2 fuses (text legible, when inlet on top) | 2-pole | 1064-X-BB81-A-3004 | 4304.6030 |
| protection class I | connection to fuse holder | connection to fuse holder | Blade terminal (6.3 x 0.8 mm) | Black | snap-in standard type | holder for 1 or 2 fuses (text legible, when inlet on top) | 2-pole | 1064-X-BB91-A-3004 | 4304.6031 |
| protection class I | connection to fuse holder | connection to fuse holder | short solder terminal (L = 4.8 mm) | White | snap-in standard type | holder for 1 or 2 fuses (text legible, when inlet on top) | 2-pole | 1064-X-BB21-D-3004 | 4304.6129 |

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

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Packaging unit

50 Pcs

Accessories

Description



RC320
Rear Cover for Power Entry Module

Mating Outlets/Connectors

Category / Description



[Appliance Outlet Overview complete](#)

| | |
|--|------|
| 4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I | 4787 |
| IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal | 5091 |

Connector Overview complete



| | |
|---|---------|
| 4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4782 |
| 4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4785 |
| 4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4300-06 |
| 4781 Mounting: Power Cord, Cable, Connector: IEC C15 | 4781 |
| 4784 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C15 | 4784 |