IEC Appliance Inlet C6, insert Mounting, Front or Rear Side, Solder, PCB or Quick-connect Terminal







with optional retaining bracket from front side

The optional retaining bracket has to be ordered separately

with optional retaining bracket

from rear side



70° C

See below:

Approvals and Compliances

Description

- Drop-in type
- Appliance Inlet, Pin temperature 70 °C Protection class I
- The optional retaining bracket has to be ordered separately: 4700.0023
- Solder, Quick Connect or PCB Terminal

Characteristics

- Contact pins are turned from solid material

References

We recommend for new applications the type 0724

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 | 7 A / 125 VAC; 60 Hz |
| Dielectric Strength | > 4 kVAC between L-N |
| | > 2 kVAC between L/N-PE |
| | (1 min/50 Hz) |
| Allowable Operation Tempe- | -25 °C to 70 °C |
| rature | |
| IP-Protection | from front side IP20 acc. to IEC 60529 |
| Protection against electric | Suitable for appliances with protection |
| shock | class I acc. to IEC 61140 |
| Material: Housing | PA6, black, UL 94V-0 |
| | |

| Appliance inlet/-outlet | C6 acc. to IEC 60320-1 |
|-------------------------|--|
| | UL 60320-1, CSA C22.2 no. 60320-1- |
| | 11 (for cold conditions) pin-temperature |
| | 70 °C, 2.5 A, Protection Class I |

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: 2563

| Approval Logo | Certificates | Certification Body | Description |
|------------------|---------------|--------------------|----------------------------------|
| © ^V E | VDE Approvals | VDE | VDE Certificate Number: 40002273 |
| c SU °us | UL Approvals | UL | UL File Number: E96454 |

Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--------------|-----------------------|--------------------------|---|
| <u>IEC</u> | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
| (I) | Designed according to | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
| CSA Group | Designed according to | CSA C22.2 no. 60320-1-11 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

Application standards

Application standards where the product can be used

| Organization | Design | Standard | Description |
|--------------|--------------------------------|----------------|--|
| <u>IEC</u> | 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. |

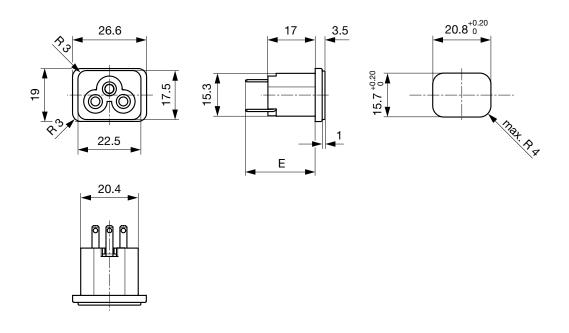
Compliances

The product complies with following Guide Lines

| · | | | |
|----------------|------------------------------|-------------|---|
| Identification | Details | Initiator | Description |
| C€ | 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 |
| 5 0 | 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]

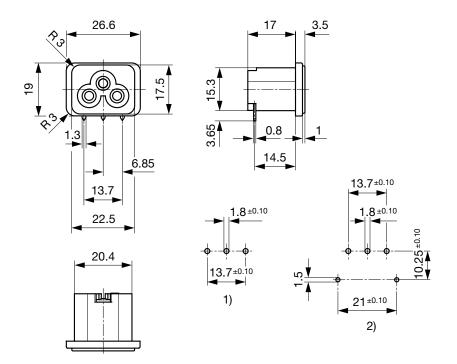
Solder or quick connect terminals



E: Solder terminals short: 18.9 mm E: Solder terminals long: 22.6 mm

E: Quick connect terminals 2.8x0.8 mm: 24.9 mm

Solder terminals for PCB



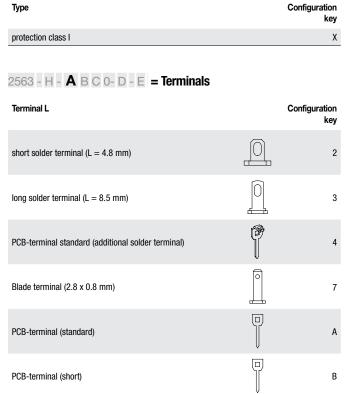
- 1) without retaining bracket
- 2) with retaining bracket

Config. Code

2563 - H - A B C 0- D - E

2563 - **H** - A B C 0- D - E = Type

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



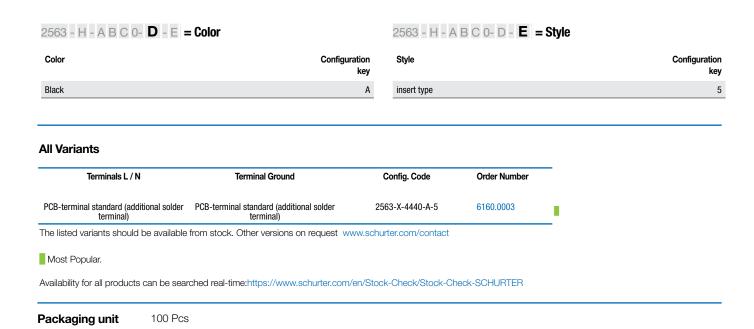
| Terminal L | Configuration key |
|---------------------|-------------------|
| PCB-terminal (long) | С |

2563 - H - A **B** C 0- D - E = Terminals

| Terminal N | Configuration key |
|--|-------------------|
| short solder terminal (L = 4.8 mm) | 2 |
| long solder terminal ($L = 8.5 \text{ mm}$) | 3 |
| PCB-terminal standard (additional solder terminal) | 4 |
| Blade terminal (2.8 x 0.8 mm) | 7 |
| PCB-terminal (standard) | Α |
| PCB-terminal (short) | В |
| PCB-terminal (long) | C |
| Symbols similar as in table A | |

2563 - H - A B C 0- D - E = Terminals

| Terminal Ground | Configuration key |
|--|-------------------|
| short solder terminal (L = 4.8 mm) | 2 |
| long solder terminal ($L = 8.5 \text{ mm}$) | 3 |
| PCB-terminal standard (additional solder terminal) | 4 |
| Blade terminal (2.8 x 0.8 mm) | 7 |
| Symbols similar as in table A | |



ПОСТАВКА ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

многоканальный

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г. Москва, ул. Щербаковская д. 3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru moschip.ru_6 moschip.ru 4 moschip.ru 9