

IEC Appliance Inlet C20, Snap-in Mounting, Front Side, Solder or Quick Connect Terminal



Snap-in version



See below:

Approvals and Compliances

Description

- Panel mount :
 Snap-in version , from front side
- Appliance Inlet , Pin temperature 70 °C , Protection class I
- Solder or Quick Connect Terminal

References

We recommend for new applications the type [4793](#)

Weblinks

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

Technical Data

| | |
|---------------------------------|---|
| Ratings IEC | 16A / 250VAC; 50Hz |
| Ratings UL/CSA | 20A / 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 | from front side IP 20 acc. to IEC 60529 |
| Insulation cover | Suitable for appliances with protection class I acc. to IEC 61140 |
| Terminal | Solder or Quick Connect Terminal |
| Panel Thickness S | Snap-in version 1.5/2/2.5 mm |
| Material: Housing | PA, black, UL 94V-0 |

| | |
|-------------------------|--|
| appliance inlet/-outlet | C20 acc. to IEC 60320-1 UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 16A, 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](#)

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.
 Approval Reference Type: 1624

| Approval Logo | Certificates | Certification Body | Description |
|---------------|---------------|--------------------|------------------------------|
| | VDE Approvals | VDE | Certificate Number: 40026179 |
| | UL Approvals | 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 | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
| | 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

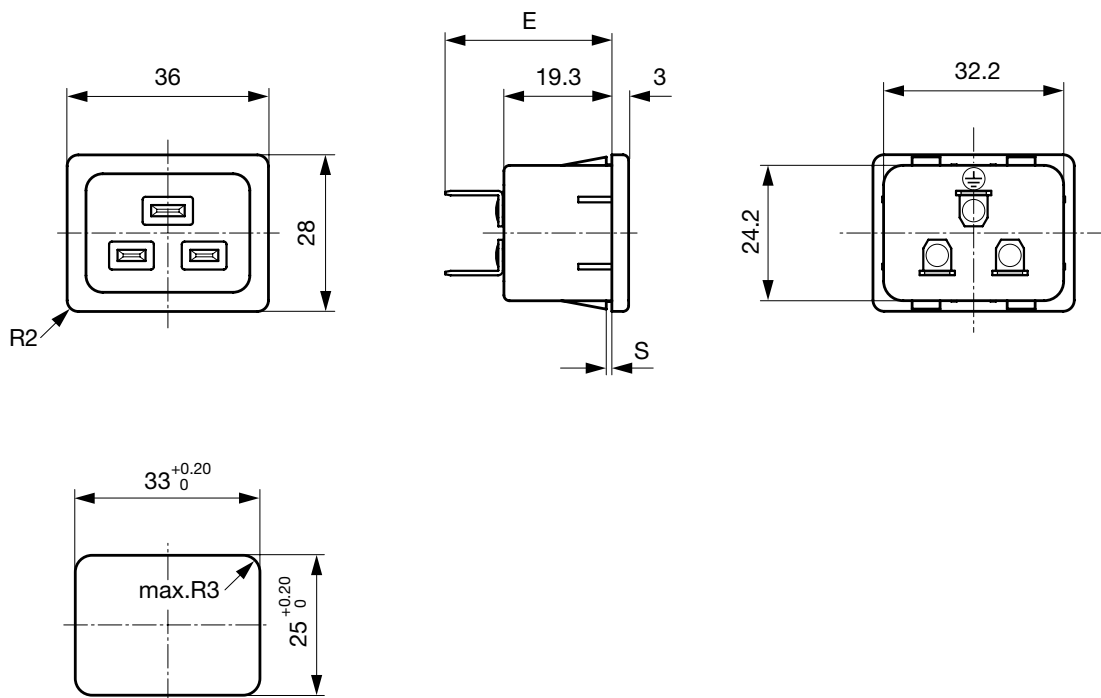
| Organization | Design | Standard | Description |
|--------------|--------------------------------|--------------|---|
| | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment. |

Compliances

The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|----------------|------------------------------|-------------|---|
| | 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 | SCHURTER AG | EU Directive RoHS 2011/65/EU |
| | 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. |

Dimensions [mm]



- E: Solder terminals short: 24.5 mm
- E: Solder terminals long: 28.5 mm
- E: Quick connect terminals 4.8x0.8 mm: 29.0 mm
- E: Quick connect terminals 6.3x0.8 mm: 30.0 mm

Dimension "S" please ref. to table order code

Config. Code

1624 - H - A B C 0 - D - E G



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

1624 - **H** - A B C 0 - D - E G = Type

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

| Terminal L | Configuration key |
|------------------------------------|-------------------|
| short solder terminal (L = 4.8 mm) | 2 |
| long solder terminal (L = 8.5 mm) | 3 |

1624 - H - **A** B C 0 - D - E G = Terminals

| Terminal L | | Configuration key |
|-------------------------------|---|-------------------|
| Blade terminal (4.8 x 0.8 mm) |  | 8 |
| Blade terminal (6.3 x 0.8 mm) |  | 9 |

1624 - H - A **B** C 0 - D - E G = Terminals

| Terminal N | Configuration key |
|------------------------------------|-------------------|
| short solder terminal (L = 4.8 mm) | 2 |
| long solder terminal (L = 8.5 mm) | 3 |
| Blade terminal (4.8 x 0.8 mm) | 8 |
| Blade terminal (6.3 x 0.8 mm) | 9 |

Symbols similar as in table A

1624 - H - A B **C** 0 - D - E G = Terminals

| Terminal Ground | Configuration key |
|------------------------------------|-------------------|
| short solder terminal (L = 4.8 mm) | 2 |
| long solder terminal (L = 8.5 mm) | 3 |
| Blade terminal (4.8 x 0.8 mm) | 8 |
| Blade terminal (6.3 x 0.8 mm) | 9 |

Symbols similar as in table A

1624 - H - A B C 0 - **D** - E G = Color

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

1624 - H - A B C 0 - D - **E** G = Style

| Style | Configuration key |
|-----------------------------|-------------------|
| snap-in (s=panel thickness) | 4 |

1624 - H - A B C 0 - D - E **G** = Dimension S

| Dimension "S" | Configuration key |
|---------------|-------------------|
| 15 | |
| 20 | |
| 25 | |
| 30 | |

The dimension "S" is displayed in (1/10 mm). This information is also valid for the order code

All Variants

| Terminals L / N | Terminal Ground | Color | Panel Thickness s [1/10 mm] | Config. Code | Order Number |
|------------------------------------|------------------------------------|-------|-----------------------------|-------------------|--------------|
| short solder terminal (L = 4.8 mm) | short solder terminal (L = 4.8 mm) | Black | 15 | 1624-X-2220-A-415 | 6163.0010 |
| Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Black | 15 | 1624-X-9990-A-415 | 6163.0013 |
| Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Black | 20 | 1624-X-9990-A-420 | 6163.0014 |
| Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Black | 25 | 1624-X-9990-A-425 | 6163.0028 |
| Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Black | 15 | 1624-X-8880-A-415 | 6163.0031 |

The listet 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

Mating Outlets/Connectors

Category / Description



[Connector Overview complete](#)

| | |
|---|------|
| IEC Connector C19, Rewireable, Straight | 4795 |
| IEC Connector C19, Rewireable, Angled | 4790 |

[Connector further types to 1624](#)

[Power Supply Cord Overview complete](#)



| | |
|--|-----------|
| Cord Sets 10 A, North America, 3.0 m, Connector IEC C13, SJT 3x18 AWG, Transparent | 4300.0920 |
| Cord Sets 16 A, Europlug, 2.5 m, Connector IEC C19, H05VV-F3G1.5, black | 6004.0395 |
| Cord Sets 16 A, Interconnection, 1.0 m, Connector IEC C19, H05VV-F3G1.5, black | 6020.0392 |
| Cord Sets 16 A, Interconnection, 2.0 m, Connector IEC C19, H05VV-F3G1.5, black | 6020.0394 |
| Cord Sets 16 A, North America, 2.5 m, Connector IEC C19, SJT 3x14 AWG, black | 6009.5195 |

[Power Supply Cord further types to 1624](#)



[Rewireable Connector for Cable, straight entry Overview complete](#)

| | |
|---|------|
| IEC Connector C19, Rewireable, Straight | 0921 |
|---|------|

[Rewireable Connector for Cable, straight entry further types to 1624](#)

Mating Outlets/Connectors shuttered



[Power Cord Overview complete](#)

| | |
|--|---------|
| Overview Power Cord with IEC Appliance Connector C19, V-Lock, straight | VAC19KS |
|--|---------|

[Power Cord further types to 1624](#)