

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



Snap-In Version



## Description

- Panel Mount:  
Snap-in version, from front side
- 1 Function:
- Appliance Inlet, Pin temperature 70 °C, Protection class I
- Solder, Quick Connect or Screw Terminals

## Approvals

- VDE Certificate Number: 40026179
- UL File Number: E96454
- CSA File Number: 27324

## References

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

## Weblinks

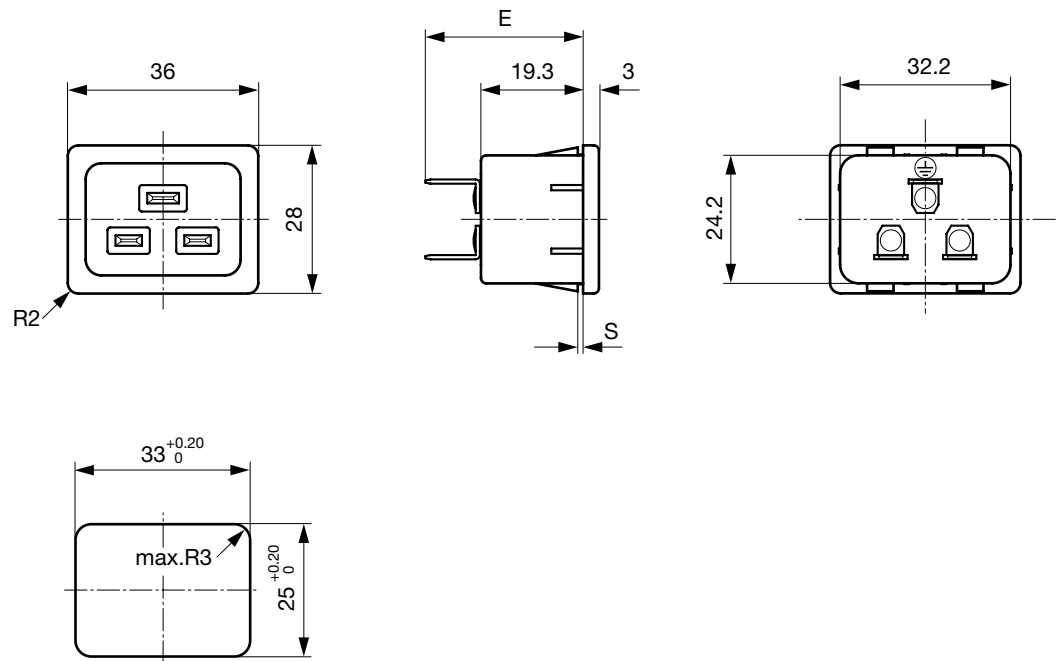
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed request for product](#)

## Technical Data

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Ratings IEC               | 16A / 250VAC; 50Hz                                                 |
| Ratings UL/CSA            | 20A / 250VAC; 60Hz                                                 |
| Dielectric Strength       | > 3 kVAC between L-N<br>> 1.5 kVAC between L/N-PE<br>(1 min/50 Hz) |
| Allowable Operation Temp. | -25 °C to 70 °C                                                    |
| Degree of Protection      | from front side IP 20 acc. to IEC 60529                            |
| Protection Class          | Suitable for appliances with protection class I acc. to IEC 61140  |
| Terminal                  | Solder, Quick Connect or Screw Terminals                           |
| Panel Thickness s         | Snap-in version<br>1.5/2/2.5 mm                                    |
| Material: Housing         | PA, black / grey / white, UL 94V-0                                 |

|                 |                                                                                                                        |
|-----------------|------------------------------------------------------------------------------------------------------------------------|
| Appliance Inlet | C20 acc. to IEC 60320<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 16A, Protection Class I |
|-----------------|------------------------------------------------------------------------------------------------------------------------|

Dimensions



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  
E: Screw terminals: 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                 |

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

| Terminal L                         | 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                 |
| screw terminal                     | A                 |

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                 |
| screw terminal                     | A                 |

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                 |
| screw terminal                     | A                 |

Symbols similar as in table A

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

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

## 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 = Mass S

| Mass "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

| Type | Protection Class | Panel mounting  | Panel Thickness s [mm] | Terminal                                 | Order Number |
|------|------------------|-----------------|------------------------|------------------------------------------|--------------|
| 1624 | I                | Snap-in version | 1.5                    | Blade terminal (6.3 x 0.8 mm)            | 6163.0013    |
| 1624 | I                | Snap-in version | 2                      | Blade terminal (6.3 x 0.8 mm)            | 6163.0014    |
| 1624 | I                | Snap-in version | 1.5                    | short solder terminal (L = 4.8 mm)       | 6163.0010    |
| 1624 | I                | Snap-in version | 1.5                    | Solder, Quick Connect or Screw Terminals | 6163.0031    |
| 1624 | I                | Snap-in version | 2.5                    | Solder, Quick Connect or Screw Terminals | 6163.0028    |

Most Popular.

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

## All Variants

| Config. Code      | Description                                                                                                                                                                                                                                              | Order Number |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1624-X-2220-A-415 | 1624, IEC Appliance Inlet C20, 70°C, version: I, L: short solder terminal (L = 4.8 mm), N: short solder terminal (L = 4.8 mm), ground: short solder terminal (L = 4.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 15, features: | 6163.0010    |
| 1624-X-9990-A-415 | 1624, IEC Appliance Inlet C20, 70°C, version: I, L: Blade terminal (6.3 x 0.8 mm), N: Blade terminal (6.3 x 0.8 mm), ground: Blade terminal (6.3 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 15, features:                | 6163.0013    |
| 1624-X-9990-A-420 | 1624, IEC Appliance Inlet C20, 70°C, version: I, L: Blade terminal (6.3 x 0.8 mm), N: Blade terminal (6.3 x 0.8 mm), ground: Blade terminal (6.3 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 20, features:                | 6163.0014    |
| 1624-X-9990-A-425 | 1624, IEC Appliance Inlet C20, 70°C, version: I, L: Blade terminal (6.3 x 0.8 mm), N: Blade terminal (6.3 x 0.8 mm), ground: Blade terminal (6.3 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 25, features: not used       | 6163.0028    |
| 1624-X-8880-A-415 | 1624, IEC Appliance Inlet C20, 70°C, version: I, L: Blade terminal (4.8 x 0.8 mm), N: Blade terminal (4.8 x 0.8 mm), ground: Blade terminal (4.8 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 15, features: not used       | 6163.0031    |

The listed variants should be available from stock Other versions on request [www.schurter.com/contact](http://www.schurter.com/contact)

Most Popular.

Availability for all products can be searched real-time:<http://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  |
| IEC Connector C19, Rewireable, Straight | 0104U |

[Connector further types to 1624](#)



Power Supply Cord Overview complete

|                                                                    |           |
|--------------------------------------------------------------------|-----------|
| Cord Sets 10 A, North America, 3.0 m, Connector IEC C13, cord end: | 4300.0920 |
| Cord Sets 16 A, Europlug, 2.5 m, Connector IEC C19, cord end:      | 6004.0395 |
| Cord Sets 16 A, North America, 2.5 m, Connector IEC C19, cord end: | 6009.5195 |

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

Power Supply or Interconnection Cord Overview complete

|                                                                    |           |
|--------------------------------------------------------------------|-----------|
| Kabelverbindung 16 A, diverse, 2.5 m, Connector IEC C19, cord end: | 6003.0395 |
|--------------------------------------------------------------------|-----------|

[Power Supply or Interconnection 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](#)