

IEC Appliance Inlet C16, Snap-in Mounting, Front Side, Quick-connect Terminal



Snap-In Version



### Description

- Panel Mount:  
Snap-in version, Front Side
- 1 Function:

- Appliance Inlet, Pin temperature 120 °C, Protection class I
- Quick connect terminals

### Approvals

- VDE Certificate Number: 40009508
- UL File Number: E96454
- CSA File Number: 27324

### References

We recommend for new applications the type [6110-4](#)  
Last order date: 31.12.2013

### Weblinks

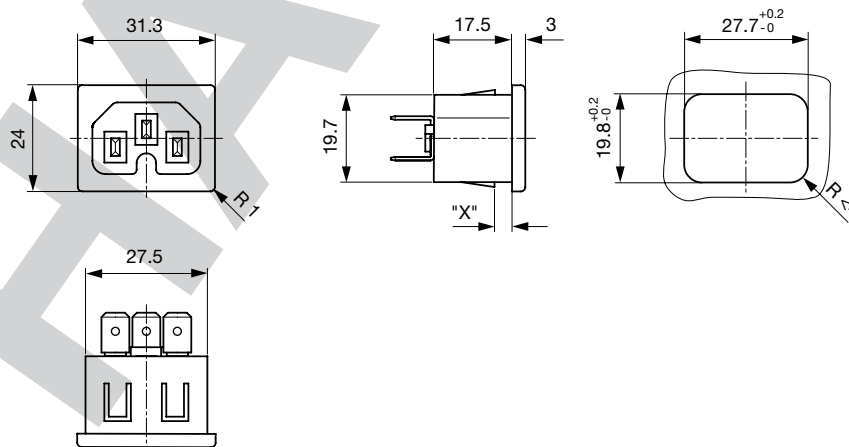
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed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

### Technical Data

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Ratings IEC               | 10 A / 250 VAC; 50 Hz                                              |
| Ratings UL/CSA            | 15 A / 250 VAC; 60 Hz                                              |
| 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 120 °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  |
| Panel Thickness s         | Snap-in version<br>1/1.5/2/2.5/3/4 mm                              |
| Material: Housing         | PA6, black                                                         |

|                 |                                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------|
| Appliance Inlet | C16 acc. to IEC 60320<br>UL 498, CSA C22.2 no. 42 (For hot conditions) pin-temperature 120 °C, 10 A, Protection Class I |
|-----------------|-------------------------------------------------------------------------------------------------------------------------|

### Dimensions



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

Dimension "S" please ref. to table order code

## Config. Code

0165 - H - A B C 0 - D - E G O

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

0165 - H - A B C 0 - D - E G O = Type

| Type               | Configuration key |
|--------------------|-------------------|
| protection class 1 | X                 |

0165 - H - A B C 0 - D - E G O = Color

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

0165 - H - A B C 0 - D - E G O = Terminals

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

0165 - H - A B C 0 - D - E G O = Style

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

0165 - H - A B C 0 - D - E G O = Mass S

| Mass "s" | Configuration key |
|----------|-------------------|
| 10       |                   |
| 15       |                   |
| 20       |                   |
| 25       |                   |
| 30       |                   |
| 40       |                   |

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

0165 - H - A B C 0 - D - E G O = Terminals

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

Symbols similar as in table A

0165 - H - A B C 0 - D - E G O = Terminals

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

Symbols similar as in table A

0165 - H - A B C 0 - D - E G O = Features

| Features       | Configuration key |
|----------------|-------------------|
| without V-Lock |                   |
| V-Lock         | V                 |

## All Variants

| Config. Code      | Description                                                                                                                                                                                                                                                 | Order Number |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 0165-X-8880-A-420 | 0165, IEC Appliance Inlet C16, 120°C, version: protection class 1, 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: 20, features: | 6167.0008    |
| 0165-X-8880-A-430 | 0165, IEC Appliance Inlet C16, 120°C, version: protection class 1, 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: 30, features: | 6167.0010    |
| 0165-X-9990-A-410 | 0165, IEC Appliance Inlet C16, 120°C, version: protection class 1, 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: 10, features: | 6167.0011    |
| 0165-X-9990-A-415 | 0165, IEC Appliance Inlet C16, 120°C, version: protection class 1, 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: | 6167.0012    |
| 0165-X-9990-A-430 | 0165, IEC Appliance Inlet C16, 120°C, version: protection class 1, 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: 30, features: | 6167.0014    |

The listed variants should be available from stock. Other versions on request [www.schurter.com/contact](http://www.schurter.com/contact)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 C15A, Rewireable, Straight | 0102   |
| IEC Connector C15A, Rewireable, Straight | 0102-G |
| IEC Connector C15A, Rewireable, Angled   | 0112   |
| IEC Connector C15A, Rewireable, Straight | 4771   |
| IEC Connector C15A, Rewireable, Angled   | 4772   |

[Connector further types to 0165](#)

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