

IEC Appliance Inlet C16A, Screw-on Mounting, Front Side, Quick-connect or Screw-on Terminal



C16 A



155 °C

**Description**

- Panel Mount:  
Screw-on mounting, Frontside
- 1 Function:

- Appliance Inlet, Pin temperature 155 °C, Protection class I

**Approvals**

- VDE Certificate Number: 40009510
- UL File Number: E96454
- CSA File Number: 27324

**References**

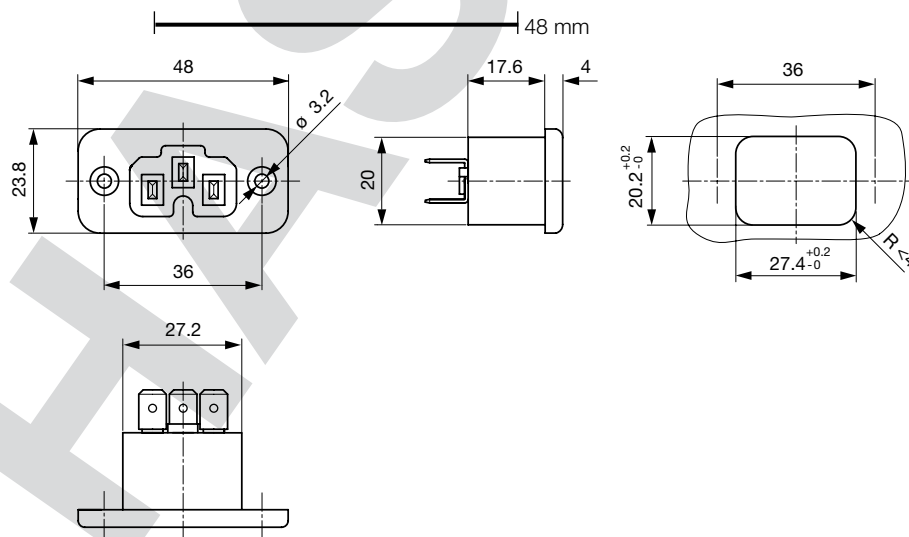
This type is Phase-out. Alternate type: [6120-3](#)  
Last order date: 31.12.2012

**Weblinks**

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

**Technical Data**

|                           |                                                                   |                 |                                                                                               |
|---------------------------|-------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------|
| Ratings IEC               | 10A / 250VAC; 50Hz                                                | Appliance Inlet | C16A acc. to IEC 60320                                                                        |
| Ratings UL/CSA            | 15A / 250VAC; 60Hz                                                |                 | UL 498, CSA C22.2 no. 42 (for hot conditions) pin-temperature 155 °C, 10A, Protection Class I |
| Dielectric Strength       | > 3kVAC between L-N<br>> 1.5kVAC between L/N-PE<br>(1 min/50Hz)   |                 |                                                                                               |
| Allowable Operation Temp. | -25 °C to 155 °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 |                 |                                                                                               |
| Material: Housing         | black or grey                                                     |                 |                                                                                               |

**Dimensions**

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

## Config. Code

0181 - H - A B C 0 - D - E

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

0181 - H - A B C 0 - D - E = Type

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

0181 - H - A B C 0 - D - E = Terminals

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

0181 - H - A B C 0 - D - E = Terminals

| Terminal N                    |  | Configuration key |
|-------------------------------|--|-------------------|
| 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 |  |                   |

0181 - H - A B C 0 - D - E = Terminals

| Terminal Ground               | Configuration key |
|-------------------------------|-------------------|
| 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

0181 - H - A B C 0 - D - E = Color

| Color | Configuration key |
|-------|-------------------|
| Black | A                 |
| Grey  | C                 |

0181 - H - A B C 0 - D - E = Style

| Style                         | Configuration key |
|-------------------------------|-------------------|
| flange with countersunk holes | 1                 |
| flange with through holes     | 2                 |

## Variants

| Config. Code    | Description                                                                                                                                                                                                                                 | Order Number |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 0181-X-8880-A-1 | 0181, IEC Appliance Inlet C16A, 155°C, version: 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: flange with countersunk holes, dimension X: , features: | 6172.0002    |
| 0181-X-9990-A-1 | 0181, IEC Appliance Inlet C16A, 155°C, version: 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: flange with countersunk holes, dimension X: , features: | 6172.0004    |
| 0181-X-9990-C-1 | 0181, IEC Appliance Inlet C16A, 155°C, version: 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: Grey, design: flange with countersunk holes, dimension X: , features:  | 6172.0005    |
| 0181-X-AAA0-C-1 | 0181, IEC Appliance Inlet C16A, 155°C, version: 1, L: screw terminal, N: screw terminal, ground: screw terminal, color: Grey, design: flange with countersunk holes, dimension X: , features:                                               | 6172.0007    |

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

## Packaging unit

50 Pcs

## Mating Outlets/Connectors

Category / Description



Connector Overview complete

IEC Connector C15A, Rewireable, Straight  
 IEC Connector C15A, Rewireable, Straight  
 IEC Connector C15A, Rewireable, Angled

0102  
 0102-G  
 0112

Connector further types to 0181

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[6172.0006](#)