

IEC Appliance Inlet C14, Snap-in Mounting, Front Side, Solder or Quick-connect or Screw-on Terminal



C14  
  
 70 °C

**Description**

- Panel Mount:
- Snap-in version, Frontside
- Appliance Inlet, Pin temperature 70 °C, Protection class I

**Approvals**

- VDE License Number: 40011871
- UL License Number: E96454
- CSA License Number: 27324

**References**

[General Product Information](#)

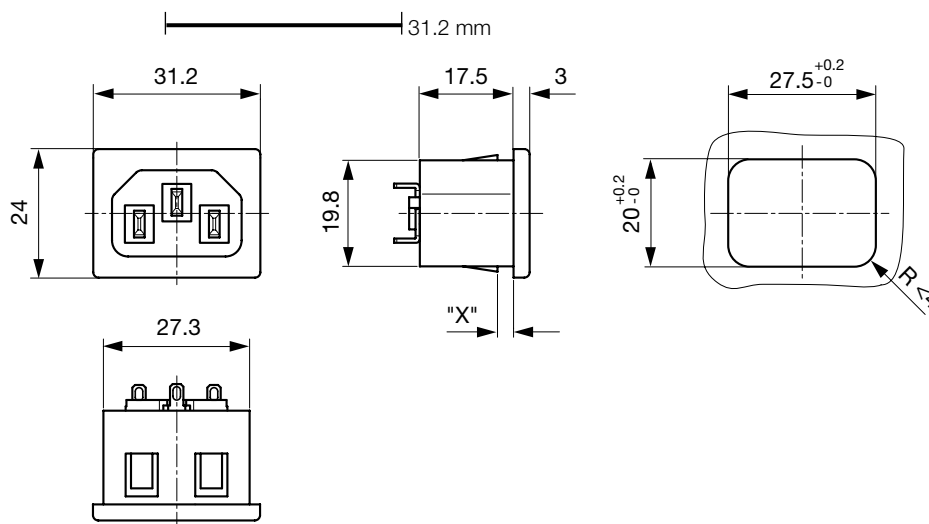
**Weblinks**

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [Distributor-Stock-Check](#), [Accessories](#)

**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 70 °C                                                    |
| Degree of Protection      | from front side IP 20 acc. to IEC 60529                            |
| Protection Class          | Suitable for appliances with protection class 1 acc. to IEC 61140  |
| Panel Thickness s         | Snap-in version<br>0.8/1/1.2/1.5/2.0/2.5/2.7/3.0/4.0 mm            |
| Material: Housing         | UL 94V-0                                                           |

|                 |                                                                                                                              |
|-----------------|------------------------------------------------------------------------------------------------------------------------------|
| Appliance Inlet | C14 acc. to IEC/EN 60320-1<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class 1 |
|-----------------|------------------------------------------------------------------------------------------------------------------------------|

**Dimensions**

Length of the terminal please find at the order code configuration table  
 Dimension "X" please ref. to table order code

## Config. Code

Product Configurator

6010 - H - A B C 0 - D - E G

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

## 6010 - H - A B C 0 - D - E G = Type

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

## 6010 - H - A B C 0 - D - E G = Terminals

| Terminal L                      |                                                                                   | Configuration key |
|---------------------------------|-----------------------------------------------------------------------------------|-------------------|
| short solder terminal (L=4,8mm) |  | 2                 |
| long solder terminal (L=8,5mm)  |  | 3                 |
| blade terminal (2,8x0,8mm)      |  | 7                 |
| blade terminal (4,8x0,8mm)      |  | 8                 |
| blade terminal (6,3x0,8mm)      |  | 9                 |
| screw terminal                  |                                                                                   | A                 |

## 6010 - H - A B C 0 - D - E G = Terminals

| Terminal N                      | Configuration key |
|---------------------------------|-------------------|
| short solder terminal (L=4,8mm) | 2                 |
| long solder terminal (L=8,5mm)  | 3                 |
| blade terminal (2,8x0,8mm)      | 7                 |
| blade terminal (4,8x0,8mm)      | 8                 |
| blade terminal (6,3x0,8mm)      | 9                 |
| screw terminal                  | A                 |

Symbols similar as in table A

## 6010 - H - A B C 0 - D - E G = Terminals

| Terminal Ground                 | Configuration key |
|---------------------------------|-------------------|
| short solder terminal (L=4,8mm) | 2                 |
| long solder terminal (L=8,5mm)  | 3                 |
| blade terminal (2,8x0,8mm)      | 7                 |
| blade terminal (4,8x0,8mm)      | 8                 |
| blade terminal (6,3x0,8mm)      | 9                 |
| screw terminal                  | A                 |

Symbols similar as in table A

## 6010 - H - A B C 0 - D - E G = Color

| Color                | Configuration key |
|----------------------|-------------------|
| jet black; RAL9005   | A                 |
| silver grey; RAL7001 | B                 |
| pure white; RAL9010  | D                 |

standard color: black

## 6010 - H - A B C 0 - D - E G = Style

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

## 6010 - H - A B C 0 - D - E G = Dimension X

| Dimension "X" | Configuration key |
|---------------|-------------------|
| 10            |                   |
| 15            |                   |
| 20            |                   |
| 25            |                   |
| 30            |                   |
| 40            |                   |

The dimension "X" is displayed in ( $\frac{1}{10}$  mm). This information is also valid for the order code

## Variants

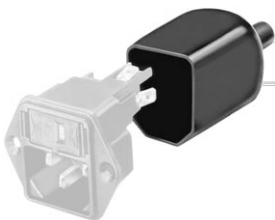
| Config. Code      | Description                                                                                                                                                                                                                                       | Order Number |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 6010-X-2220-A-410 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: short solder terminal (L=4,8mm), N: short solder terminal (L=4,8mm), ground: short solder terminal (L=4,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10 | 6162.0012    |
| 6010-X-2220-A-415 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: short solder terminal (L=4,8mm), N: short solder terminal (L=4,8mm), ground: short solder terminal (L=4,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10 | 6162.0013    |
| 6010-X-2220-A-420 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: short solder terminal (L=4,8mm), N: short solder terminal (L=4,8mm), ground: short solder terminal (L=4,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10 | 6162.0014    |
| 6010-X-2220-A-425 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: short solder terminal (L=4,8mm), N: short solder terminal (L=4,8mm), ground: short solder terminal (L=4,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10 | 6162.0015    |
| 6010-X-2220-A-430 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: short solder terminal (L=4,8mm), N: short solder terminal (L=4,8mm), ground: short solder terminal (L=4,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10 | 6162.0016    |
| 6010-X-2220-A-440 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: short solder terminal (L=4,8mm), N: short solder terminal (L=4,8mm), ground: short solder terminal (L=4,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10 | 6162.0017    |
| 6010-X-8880-A-410 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (4,8x0,8mm), N: blade terminal (4,8x0,8mm), ground: blade terminal (4,8x0,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10                | 6162.0019    |
| 6010-X-8880-A-415 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (4,8x0,8mm), N: blade terminal (4,8x0,8mm), ground: blade terminal (4,8x0,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10                | 6162.0020    |
| 6010-X-8880-A-425 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (4,8x0,8mm), N: blade terminal (4,8x0,8mm), ground: blade terminal (4,8x0,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10                | 6162.0021    |
| 6010-X-8880-A-430 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (4,8x0,8mm), N: blade terminal (4,8x0,8mm), ground: blade terminal (4,8x0,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10                | 6162.0022    |
| 6010-X-9990-A-410 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (6,3x0,8mm), N: blade terminal (6,3x0,8mm), ground: blade terminal (6,3x0,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10                | 6162.0023    |
| 6010-X-9990-A-415 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (6,3x0,8mm), N: blade terminal (6,3x0,8mm), ground: blade terminal (6,3x0,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10                | 6162.0024    |
| 6010-X-9990-A-420 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (6,3x0,8mm), N: blade terminal (6,3x0,8mm), ground: blade terminal (6,3x0,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10                | 6162.0025    |
| 6010-X-9990-A-425 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (6,3x0,8mm), N: blade terminal (6,3x0,8mm), ground: blade terminal (6,3x0,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10                | 6162.0026    |
| 6010-X-9990-A-430 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (6,3x0,8mm), N: blade terminal (6,3x0,8mm), ground: blade terminal (6,3x0,8mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10                | 6162.0027    |
| 6010-X-9990-B-410 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (6,3x0,8mm), N: blade terminal (6,3x0,8mm), ground: blade terminal (6,3x0,8mm), color: silver grey; RAL7001, design: snap-in (x=panel thickness), dimension X: 10              | 6162.0028    |
| 6010-X-9990-B-415 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (6,3x0,8mm), N: blade terminal (6,3x0,8mm), ground: blade terminal (6,3x0,8mm), color: silver grey; RAL7001, design: snap-in (x=panel thickness), dimension X: 10              | 6162.0029    |
| 6010-X-9990-B-420 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (6,3x0,8mm), N: blade terminal (6,3x0,8mm), ground: blade terminal (6,3x0,8mm), color: silver grey; RAL7001, design: snap-in (x=panel thickness), dimension X: 10              | 6162.0030    |
| 6010-X-3330-A-410 | 6010, IEC Appliance Inlet C14, 70°C, version: 1, L: long solder terminal (L=8,5mm), N: long solder terminal (L=8,5mm), ground: long solder terminal (L=8,5mm), color: jet black; RAL9005, design: snap-in (x=panel thickness), dimension X: 10    | 6162.0085    |

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

**Packaging unit** 50 Pcs

## Accessories

## Description



Assorted Covers  
Rear Cover

## Mating Outlets/Connectors

## Category / Description

## Appliance Outlet Overview complete



|                                                                                                   |      |
|---------------------------------------------------------------------------------------------------|------|
| IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal           | 4787 |
| IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal            | 4788 |
| IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal | 5091 |
| IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal      | 5092 |

## Appliance Outlet further types to 6010

## Connector Overview complete



|                                          |        |
|------------------------------------------|--------|
| IEC Connector C15, Rewireable, Straight  | 0101   |
| IEC Connector C15A, Rewireable, Straight | 0102   |
| IEC Connector C15A, Rewireable, Straight | 0102-G |
| IEC Connector C15A, Rewireable, Angled   | 0112   |
| IEC Connector C13, Rewireable, Angled    | 4012   |

## Connector further types to 6010

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## Power Cord Overview complete



|                                           |      |
|-------------------------------------------|------|
| Power Cord with IEC Connector C13, Angled | 0311 |
| Power Cord with IEC Connector C13, Angled | 3011 |
| Power Cord with IEC Connector C13, Angled | 3012 |
| Power Cord with IEC Connector C13, Angled | 3013 |
| Power Cord with IEC Connector C13         | 3020 |

## Power Cord further types to 6010

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## Power Supply or Interconnection Cord Overview complete

|                                                    |                      |
|----------------------------------------------------|----------------------|
| Divers Power Supply and Interconnection Cords 10 A | Kabelverbindung/10 A |
|----------------------------------------------------|----------------------|

## Power Supply or Interconnection Cord further types to 6010