

IEC Appliance Inlet C14, with Line Switch 2-pole, Voltage Selector and Fuseholder 1 or 2-pole



C14  
  
70 °C



### Description

- Panel Mount:  
Screw-on version from front or rear side, Appliance Inlet, Protection class I, Voltage Selector, Line Switch 2-pole
- Solder terminals or quick connect terminals

### Approvals

- UL File Number: E88880
- CSA File Number: 1084381

### Characteristics

- With voltage selector and line switch

### Weblinks

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

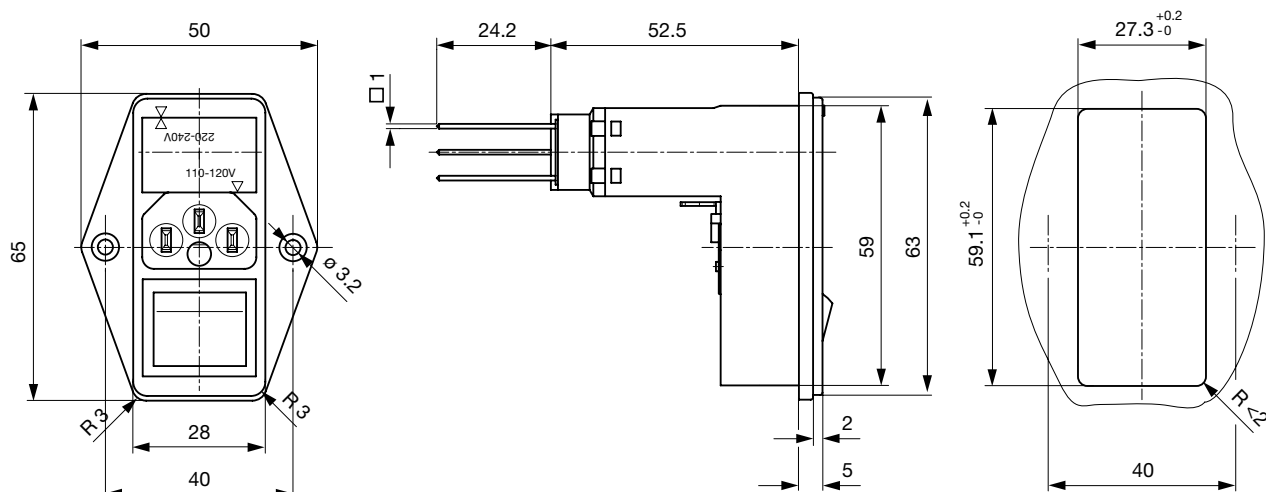
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

### Technical Data

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Ratings IEC               | 10 A / 250 VAC; 50 Hz                                              |
| Ratings UL/CSA            | 10 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 I acc. to IEC 61140  |
| Terminal                  | Solder terminals or quick connect terminals                        |
| Material: Housing         | PA6, black, UL 94V-0                                               |

|                               |                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Appliance Inlet               | C14 acc. to IEC 60320<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I |
| Fuseholder                    | 1 or 2 pole, acc. to IEC 60127-6, for fuse-links 5 x 20 mm                                                              |
| Power Acceptance @ Ta > 23 °C | Admissible power acceptance at higher ambient temperature see derating curves                                           |
| Line Switch                   | Rocker switch 2-pole, non-illuminated or illuminated black, acc. to IEC 61058-1<br><a href="#">Technical Details</a>    |
| Voltage Selector              | Step switch, 2 positions                                                                                                |

### Dimensions



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

## Config. Code

6766 - H - A B C N - D - E G O P

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

6766 - H - A B C N - D - E G O P = Type

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

6766 - H - A B C N - D - E G O P = Terminals

| Terminal L                         |                                                                                   | Configuration key |
|------------------------------------|-----------------------------------------------------------------------------------|-------------------|
| short solder terminal (L = 4.8 mm) |  | 2                 |
| long solder terminal (L = 8.5 mm)  |  | 3                 |
| Blade terminal (2.8 x 0.8 mm)      |  | 7                 |
| Blade terminal (4.8 x 0.8 mm)      |  | 8                 |
| Blade terminal (6.3 x 0.8 mm)      |  | 9                 |
| connection to switch               |                                                                                   | C                 |

6766 - H - A B C N - D - E G O P = Terminals

| Terminal N                         | Configuration key |
|------------------------------------|-------------------|
| short solder terminal (L = 4.8 mm) | 2                 |
| long solder terminal (L = 8.5 mm)  | 3                 |
| Blade terminal (2.8 x 0.8 mm)      | 7                 |
| Blade terminal (4.8 x 0.8 mm)      | 8                 |
| Blade terminal (6.3 x 0.8 mm)      | 9                 |
| connection to switch               | C                 |

Symbols similar as in table A

6766 - H - A B C N - D - E G O P = Terminals

| Terminal Ground                    | Configuration key |
|------------------------------------|-------------------|
| short solder terminal (L = 4.8 mm) | 2                 |
| long solder terminal (L = 8.5 mm)  | 3                 |
| Blade terminal (2.8 x 0.8 mm)      | 7                 |
| Blade terminal (4.8 x 0.8 mm)      | 8                 |
| Blade terminal (6.3 x 0.8 mm)      | 9                 |

Symbols similar as in table A

6766 - H - A B C N - D - E G O P = Terminal Fuseholder

| Terminal Fuseholder     | Configuration key |
|-------------------------|-------------------|
| PCB-terminal (standard) | 4                 |

6766 - H - A B C N - D - E G O P = Color

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

6766 - H - A B C N - D - E G O P = Style

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

6766 - H - A B C N - D - E G O P = Dimension X

| Dimension "X" | Configuration key |
|---------------|-------------------|
| 00            |                   |

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

6766 - H - A B C N - D - E G O P = Features

| Features                      | Configuration key |
|-------------------------------|-------------------|
| voltage selector with 1 fuse  | 6                 |
| voltage selector with 2 fuses | 7                 |

6766 - H - A B C N - D - E G O P = Switches

| Switches                                                        | Configuration key |
|-----------------------------------------------------------------|-------------------|
| not used                                                        | 0                 |
| dead cover                                                      | 1                 |
| bipolar switch, 4,8mm blade terminal, black rocker              | 4                 |
| bipolar switch, solder terminals, black rocker                  | 5                 |
| bipolar switch, 4,8mm blade terminal, rocker red illuminated    | 6                 |
| bipolar switch, solder terminal, rocker red illuminated         | 7                 |
| bipolar switch, 4,8mm blade terminals, rocker green illuminated | 8                 |
| bipolar switch, solder terminals, rocker green illuminated      | 9                 |

## Variants

| Config. Code        | Description                                                                                                                                                                                                                                                                                                                                                                      | Order Number |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 6766-X-CC34-A-10070 | 6766, IEC Power Entry Module C14, 70°C, version: protection class 1, L: connection to switch, N: connection to switch, ground: long solder terminal (L = 8.5 mm), fuseholder: PCB-terminal (standard), color: Black, design: flange with countersunk holes, dimension X: 00, features: voltage selector with 2 fuses, not used                                                   | 4304.6096    |
| 6766-X-CC34-A-10074 | 6766, IEC Power Entry Module C14, 70°C, version: protection class 1, L: connection to switch, N: connection to switch, ground: long solder terminal (L = 8.5 mm), fuseholder: PCB-terminal (standard), color: Black, design: flange with countersunk holes, dimension X: 00, features: voltage selector with 2 fuses, bipolar switch, 4,8mm blade terminal, black rocker         | 4304.6097    |
| 6766-X-CC34-A-10075 | 6766, IEC Power Entry Module C14, 70°C, version: protection class 1, L: connection to switch, N: connection to switch, ground: long solder terminal (L = 8.5 mm), fuseholder: PCB-terminal (standard), color: Black, design: flange with countersunk holes, dimension X: 00, features: voltage selector with 2 fuses, bipolar switch, solder terminals, black rocker             | 4304.6098    |
| 6766-X-CC34-A-10079 | 6766, IEC Power Entry Module C14, 70°C, version: protection class 1, L: connection to switch, N: connection to switch, ground: long solder terminal (L = 8.5 mm), fuseholder: PCB-terminal (standard), color: Black, design: flange with countersunk holes, dimension X: 00, features: voltage selector with 2 fuses, bipolar switch, solder terminals, rocker green illuminated | 4304.6099    |
| 6766-X-CC74-A-10074 | 6766, IEC Power Entry Module C14, 70°C, version: protection class 1, L: connection to switch, N: connection to switch, ground: Blade terminal (2.8 x 0.8 mm), fuseholder: PCB-terminal (standard), color: Black, design: flange with countersunk holes, dimension X: 00, features: voltage selector with 2 fuses, bipolar switch, 4,8mm blade terminal, black rocker             | 4304.6100    |
| 6766-X-CC84-A-10070 | 6766, IEC Power Entry Module C14, 70°C, version: protection class 1, L: connection to switch, N: connection to switch, ground: Blade terminal (4.8 x 0.8 mm), fuseholder: PCB-terminal (standard), color: Black, design: flange with countersunk holes, dimension X: 00, features: voltage selector with 2 fuses, not used                                                       | 4304.6101    |
| 6766-X-CC84-A-10076 | 6766, IEC Power Entry Module C14, 70°C, version: protection class 1, L: connection to switch, N: connection to switch, ground: Blade terminal (4.8 x 0.8 mm), fuseholder: PCB-terminal (standard), color: Black, design: flange with countersunk holes, dimension X: 00, features: voltage selector with 2 fuses, bipolar switch, 4,8mm blade terminal, rocker red illuminated   | 4304.6102    |
| 6766-X-CC94-A-10070 | 6766, IEC Power Entry Module C14, 70°C, version: protection class 1, L: connection to switch, N: connection to switch, ground: Blade terminal (6.3 x 0.8 mm), fuseholder: PCB-terminal (standard), color: Black, design: flange with countersunk holes, dimension X: 00, features: voltage selector with 2 fuses, not used                                                       | 4304.6103    |
| 6766-X-CC94-A-10074 | 6766, IEC Power Entry Module C14, 70°C, version: protection class 1, L: connection to switch, N: connection to switch, ground: Blade terminal (6.3 x 0.8 mm), fuseholder: PCB-terminal (standard), color: Black, design: flange with countersunk holes, dimension X: 00, features: voltage selector with 2 fuses, bipolar switch, 4,8mm blade terminal, black rocker             | 4304.6104    |

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

## Appliance Outlet Overview complete



|                                                                                                   |      |
|---------------------------------------------------------------------------------------------------|------|
| IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder 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 |

[Appliance Outlet further types to 6766](#)

## Connector Overview complete



|                                          |        |
|------------------------------------------|--------|
| 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   |
| IEC Connector C13, Rewireable, Straight  | 4022   |

[Connector further types to 6766](#)