

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



Approvals and Compliances

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

Characteristics

- With voltage selector and line switch

References

Last order date: 30.06.2017
 Last delivery date: 30.09.2017

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#), [Microsite](#)

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 | 10A / 250VAC; 50Hz | appliance inlet/-outlet | C14 acc. to IEC 60320-1 |
| Ratings UL/CSA | 10A / 250VAC; 60 Hz | | UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I |
| Dielectric Strength | > 1.5kVAC between L-N > 3kVAC between L/N-PE (1 min/50Hz) | Fuseholder | 1 or 2 pole, acc. to IEC 60127-6, for fuse-links 5 x 20mm |
| Allowable Operation Temperature | -25 °C to 70 °C | Power Acceptance @ Ta > 23°C | Admissible power acceptance at higher ambient temperature see derating curves |
| IP-Protection | from front side IP 20 acc. to IEC 60529 | Line Switch | Rocker switch 2-pole, non-illuminated or illuminated black, acc. to IEC 61058-1 Technical Details |
| Insulation cover | Suitable for appliances with protection class I acc. to IEC 61140 | Voltage Selector | Step switch, 2 positions |
| Terminal | Solder terminals or quick connect terminals | | |
| Material: Housing | PA6, black, UL 94V-0 | | |

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

Approvals






The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 6766

| Approval Logo | Certificates | Certification Body | Description |
|---------------|-------------------------------|--------------------|-----------------------------------|
| | UL Approvals | UL | UL File Number: E88880 |
| | CSA Approvals | CSA | CSA Certification Record: 1084381 |
| | CSA Approvals | CSA | CCC File Number: 1084381 |



Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|------------------|---|
|  | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
|  | Designed according to | IEC 60127-6 | Miniature fuses. Part 6. Fuse-holders for miniature fuse-links |
|  | Designed according to | IEC 61058-1 | Switches for appliances. Part 1. General requirements |
|  | Designed according to | UL 498 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 42 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |






Application standards

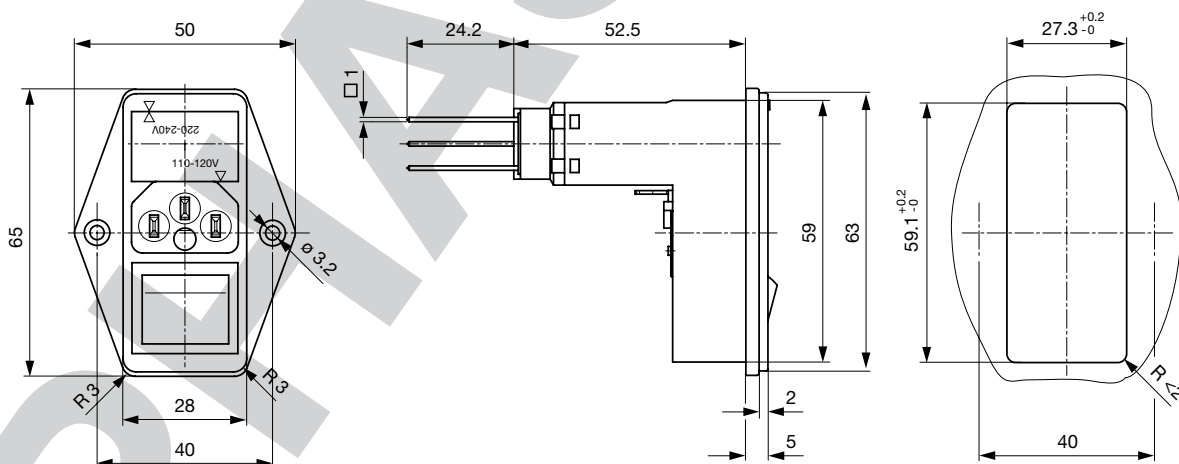
Application standards where the product can be used

| Organization | Design | Standard | Description |
|--|--------------------------------|--------------|---|
|  | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment. |
|  | Designed for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13. |

Compliances

The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|--|--|-------------|--|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | RoHS | SCHURTER AG | EU Directive RoHS 2011/65/EU |
|  | China RoHS | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS. |
|  | REACH | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |
|  | MicrositeV-Lock | SCHURTER AG | V-Lock system are based on a matching plug-dose combination. 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. |

Dimensions [mm]

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

Config. Code






6766 - H - ABCN - D - EGOP

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

6766 - H - ABCN - D - EGOP = Type

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

6766 - H - ABCN - D - EGOP = 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 - ABCN - D - EGOP = 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 - ABCN - D - EGOP = 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 - ABCN - D - EGOP = Terminal Fuseholder

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

6766 - H - ABCN - D - EGOP = Color

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

6766 - H - ABCN - D - EGOP = Style

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

6766 - H - ABCN - D - EGOP = Dimension S

| Dimension "S" | Configuration key |
|---------------|-------------------|
| 00 | |

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

6766 - H - ABCN - D - EGOP = Features

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

6766 - H - ABCN - D - EGOP = 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 |

All Variants

| Type | Terminal L | Terminal N | Terminal Ground | Features | Switches | Config. Code | V-Lock | Order Number |
|--------------------|----------------------|----------------------|-----------------------------------|-------------------------------|--|---------------------|--------|--------------|
| protection class I | connection to switch | connection to switch | long solder terminal (L = 8.5 mm) | voltage selector with 2 fuses | not used | 6766-X-CC34-A-10070 | | 4304.6096 |
| protection class I | connection to switch | connection to switch | long solder terminal (L = 8.5 mm) | voltage selector with 2 fuses | bipolar switch, 4,8mm blade terminal, black rocker | 6766-X-CC34-A-10074 | | 4304.6097 |
| protection class I | connection to switch | connection to switch | long solder terminal (L = 8.5 mm) | voltage selector with 2 fuses | bipolar switch, solder terminals, black rocker | 6766-X-CC34-A-10075 | | 4304.6098 |
| protection class I | connection to switch | connection to switch | long solder terminal (L = 8.5 mm) | voltage selector with 2 fuses | bipolar switch, solder terminals, rocker green illuminated | 6766-X-CC34-A-10079 | | 4304.6099 |
| protection class I | connection to switch | connection to switch | Blade terminal (2.8 x 0.8 mm) | voltage selector with 2 fuses | bipolar switch, 4,8mm blade terminal, black rocker | 6766-X-CC74-A-10074 | | 4304.6100 |
| protection class I | connection to switch | connection to switch | Blade terminal (4.8 x 0.8 mm) | voltage selector with 2 fuses | not used | 6766-X-CC84-A-10070 | | 4304.6101 |
| protection class I | connection to switch | connection to switch | Blade terminal (4.8 x 0.8 mm) | voltage selector with 2 fuses | bipolar switch, 4,8mm blade terminal, rocker red illuminated | 6766-X-CC84-A-10076 | | 4304.6102 |
| protection class I | connection to switch | connection to switch | Blade terminal (6.3 x 0.8 mm) | voltage selector with 2 fuses | not used | 6766-X-CC94-A-10070 | | 4304.6103 |
| protection class I | connection to switch | connection to switch | Blade terminal (6.3 x 0.8 mm) | voltage selector with 2 fuses | bipolar switch, 4,8mm blade terminal, black rocker | 6766-X-CC94-A-10074 | | 4304.6104 |

The listed variants should be available from stock. Other versions on request www.schurter.com/contact

Most Popular.

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

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



| | |
|--|---------|
| 4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4782 |
| 4022 Mounting: Power Supply Cord, 3 x 1.5 mm ² , Screw clamps, Connector: IEC C13 | 4022 |
| 4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4785 |
| 4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4300-06 |
| 4012 Mounting: Power Supply Cord, 3 x 1.5 mm ² , Screw clamps, Connector: IEC C13 | 4012 |

[Connector further types to 6766](#)

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Mating Outlets/Connectors shuttered



Power Cord Overview complete

VAC13KS, Overview, diverse Connector IEC C13, cord end:

VAC13KS

Power Cord further types to 6766

PHASE-OUT