IEC Appliance Inlet C14 or C18 with Line Switch 1- or 2-pole and Fuseholder 1-pole



Snap-in version
from front side
Line Switch 1 or 2 pole



Screw-on mounting
from front side
Line switch 2-pole

C14 70° C

C18 70° C

See below:
**Approvals and Compliances**

## Description

- Panel mount :
  Snap-in or screw-on mounting , front side Appliance Inlet , protection class I or II , Fuseholder for fuse-links 5 x 20 mm , Line Switch
- Snap-in version with 1- or 2-pole line switch available
- Screw-on version only with 2-pole line switch
- Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 &-13.
- Solder / Quick Connect

## Characteristics

- Line switch non-illuminated or illuminated

## Weblinks

pdf data sheet, html datasheet, General Product Information, Approvals, Distributor-Stock-Check, Accessories, Detailed request for product

## Technical Data

| | |
|---|---|
| Ratings IEC | 10 A / 250 VAC; 50 Hz |
| Ratings UL/CSA | 10 A / 250 VAC; 60 Hz |
| Dielectric Strength | > 1.5 kVAC between L-N<br>> 3 kVAC between L/N-PE<br>(1 min/50 Hz) |
| Allowable Operation Temperature | -25 °C to 70 °C |
| IP-Protection | front side IP40 acc. to IEC 60529 |
| Protection against electric shock | Suitable for appliances with protection class I or II acc. to IEC 61140 |
| Terminal | Solder / Quick Connect |
| Panel Thickness S | Screw<br>Mounting screw torque max 0.5 Nm<br>Snap-in1.0 - 2.0 mm |
| Material: Housing | PA6, black, UL 94V-0 |

| | |
|---|---|
| Appliance inlet/-outlet | C14 / C18 acc. to IEC 60320-1<br>UL 60320-1, CSA C22.2 no. 60320-1<br>(for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I or II |
| Fuseholder | 1-pole, acc. to IEC 60127-6,<br>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 1-/2-pole, non-illuminated or illuminated black, acc. to Technical Details |

## Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

## Approvals

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

Approval Reference Type: 6762

| Approval Logo | Certificates | Certification Body | Description |
|---|---|---|---|
| | SEMKO Approvals | SEMKO | Certificate Number: SE/09137-5 |
| c UL us | UL Approvals | UL | UR File Number: E93617 |

## Product standards

Product standards that are referenced

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

## Application standards

Application standards where the product can be used

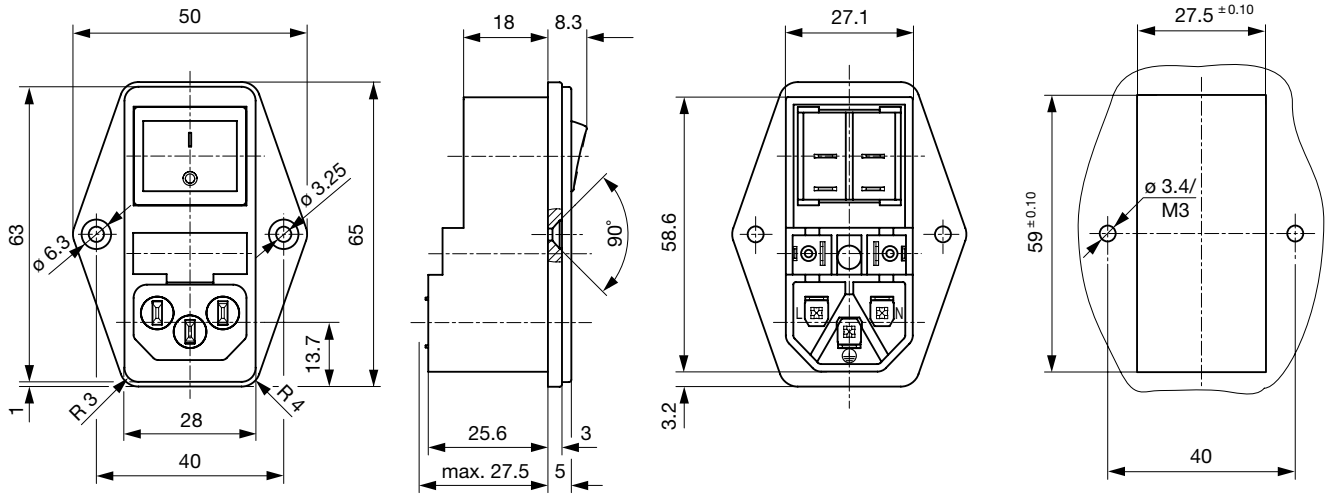
| Organization | Design | Standard | Description |
|---|---|---|---|
| IEC | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |
| IEC | Suitable for applications acc. | IEC 60335-1 | Safety of electrical appliances 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 60695-2-11 or -12 & -13. |

## Compliances

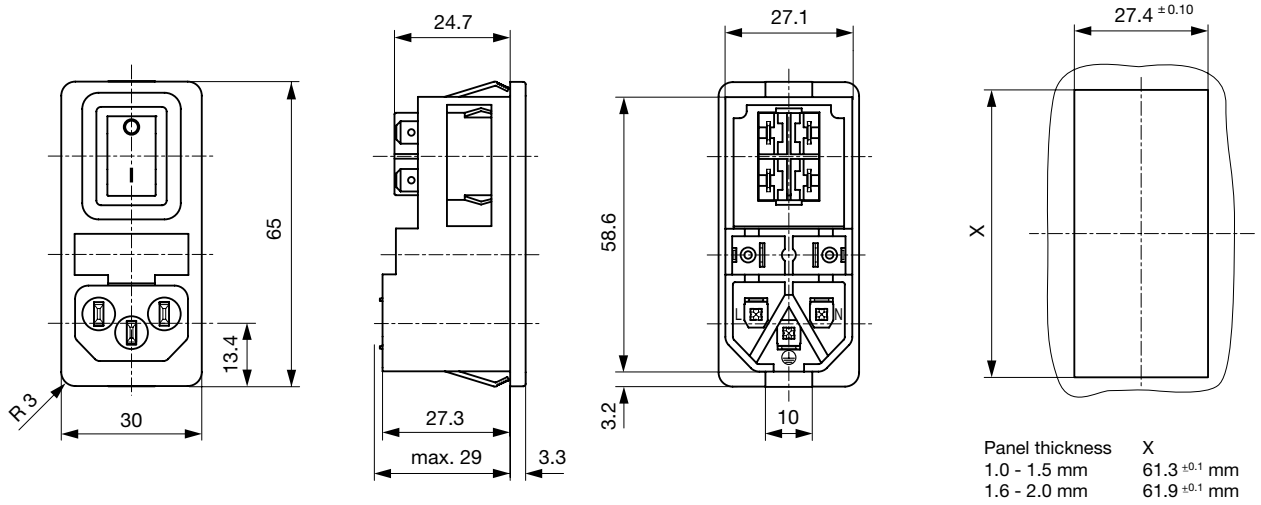
The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|---|---|---|---|
| CE | 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. |
| UKCA | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. |
| RoHS | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
| 50 | 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 | 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. |
| | White Paper Glow wire test | SCHURTER AG | Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 &-13. |

**Dimensions [mm]**
Screw-on mounting



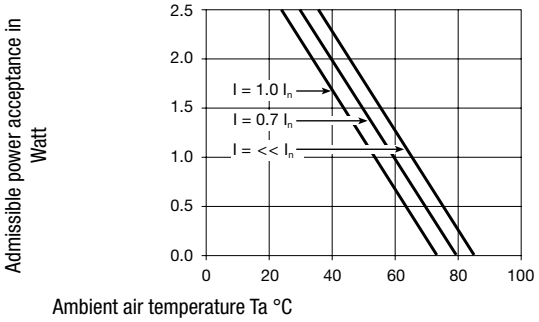

Snap-in mounting




| Panel thickness | X |
|---|---|
| 1.0 - 1.5 mm | 61.3 ±0.1 mm |
| 1.6 - 2.0 mm | 61.9 ±0.1 mm |

## Derating Curves

Fuses
5 x 20 mm (1-pole)




## Config. Code

6762 - H - A B C N - D - E G O P

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

### 6762 - **H** - A B C N - D - E G O P = Type

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

### 6762 - H - **A** B C N - D - E G O P = Terminals

| Terminal L | | Configuration key |
|---|---|---|
| solder terminal |  | 1 |
| long solder terminal (L = 8.5 mm) |  | 3 |
| Blade terminal (4.8 x 0.8 mm) |  | 8 |
| Blade terminal (6.3 x 0.8 mm) |  | 9 |

### 6762 - H - A **B** C N - D - E G O P = Terminals

| Terminal N | Configuration key |
|---|---|
| solder terminal | 1 |
| long solder terminal (L = 8.5 mm) | 3 |
| Blade terminal (4.8 x 0.8 mm) | 8 |
| Blade terminal (6.3 x 0.8 mm) | 9 |

Symbols similar as in table A

### 6762 - H - A B **C** N - D - E G O P = Terminals

| Terminal Ground | Configuration key |
|---|---|
| without terminal | 0 |
| solder terminal | 1 |
| long solder terminal (L = 8.5 mm) | 3 |

Symbols similar as in table A

| 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

### 6762 - H - A B C **N** - D - E G O P = Terminal Fuseholder

| Terminal Fuseholder | Configuration key |
|---|---|
| solder terminal | 1 |
| Blade terminal (4.8 x 0.8 mm) | 8 |

### 6762 - H - A B C N - **D** - E G O P = Color

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

### 6762 - H - A B C N - D - **E** G O P = Style

| Style | Configuration key |
|---|---|
| flange with countersunk holes | 1 |
| flange with through holes | 2 |
| snap-in standard type | 3 |
| insert type | 5 |

### 6762 - H - A B C N - D - E **G** O P = Dimension S

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

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

### 6762 - H - A B C N - D - E G **O** P = Features

| Features | Configuration key |
|---|---|
| dead cover | 1 |

| Features | Configuration key |
|---|---|
| holder for 1 fuse (text legible, when inlet on top) | 2 |
| holder for 1 fuse (text legible, when inlet on bottom) | 3 |

6762 - H - A B C N - D - E G O **P** = Switches

| Switches | Configuration key |
|---|---|
| dead cover | 1 |

| Switches | Configuration key |
|---|---|
| unipolar switch, 4,8mm blade terminal, black rocker | 2 |
| unipolar switch, solder terminal, black rocker | 3 |
| 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 | Terminal Fuseholder | Style | Features | Switches | Config. Code | Order Number |
|---|---|---|---|---|---|---|---|---|---|
| protection class II | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | without terminal | Blade terminal (4.8 x 0.8 mm) | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, black rocker | 6762-B-8808-A-10024 | 4304.6049 |
| protection class II | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | without terminal | Blade terminal (4.8 x 0.8 mm) | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | unipolar switch, 4,8mm blade terminal, black rocker | 6762-B-8808-A-30022 | 4304.6050 |
| protection class II | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | without terminal | Blade terminal (4.8 x 0.8 mm) | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, black rocker | 6762-B-8808-A-30024 | 4304.6051 |
| protection class I | solder terminal | solder terminal | solder terminal | solder terminal | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on top) | dead cover | 6762-X-1111-A-10021 | 4304.6052 |
| protection class I | solder terminal | solder terminal | solder terminal | solder terminal | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, black rocker | 6762-X-1111-A-10024 | 4304.6053 |
| protection class I | solder terminal | solder terminal | solder terminal | solder terminal | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, solder terminals, black rocker | 6762-X-1111-A-10025 | 4304.6054 |
| protection class I | solder terminal | solder terminal | solder terminal | solder terminal | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on bottom) | bipolar switch, 4,8mm blade terminal, black rocker | 6762-X-1111-A-10034 | 4304.6055 |
| protection class I | long solder terminal (L = 8.5 mm) | long solder terminal (L = 8.5 mm) | long solder terminal (L = 8.5 mm) | solder terminal | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, solder terminals, black rocker | 6762-X-3331-A-30025 | 4304.6056 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on top) | dead cover | 6762-X-8888-A-10021 | 4304.6057 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, black rocker | 6762-X-8888-A-10024 | 4304.6058 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, rocker red illuminated | 6762-X-8888-A-10026 | 4304.6059 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminals, rocker green illuminated | 6762-X-8888-A-10028 | 4304.6060 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on bottom) | bipolar switch, 4,8mm blade terminal, black rocker | 6762-X-8888-A-10034 | 4304.6061 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | dead cover | 6762-X-8888-A-30021 | 4304.6062 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | unipolar switch, 4,8mm blade terminal, black rocker | 6762-X-8888-A-30022 | 4304.6063 |

| Type | Terminal L | Terminal N | Terminal Ground | Terminal Fuseholder | Style | Features | Switches | Config. Code | Order Number |
|---|---|---|---|---|---|---|---|---|---|
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, black rocker | 6762-X-8888-A-30024 | 4304.6064 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, solder terminals, black rocker | 6762-X-8888-A-30025 | 4304.6065 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, rocker red illuminated | 6762-X-8888-A-30026 | 4304.6066 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | snap-in standard type | holder for 1 fuse (text legible, when inlet on bottom) | bipolar switch, 4,8mm blade terminal, rocker red illuminated | 6762-X-8888-A-30036 | 4304.6068 |
| protection class I | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | solder terminal | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | unipolar switch, 4,8mm blade terminal, black rocker | 6762-X-9991-A-30022 | 4304.6069 |
| protection class I | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, black rocker | 6762-X-9998-A-10024 | 4304.6070 |
| protection class I | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | flange with countersunk holes | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, rocker red illuminated | 6762-X-9998-A-10026 | 4304.6071 |
| protection class I | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Blade terminal (6.3 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, black rocker | 6762-X-9998-A-30024 | 4304.6072 |
| protection class I | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | Blade terminal (4.8 x 0.8 mm) | solder terminal | snap-in standard type | holder for 1 fuse (text legible, when inlet on top) | bipolar switch, 4,8mm blade terminal, black rocker | 6762-X-8881-A-30024 | 4304.6120 |

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

## Accessories

**Description**



Wire_Harness
Wire harness for SCHURTER products



Assorted_Covers
Rear Cover



RC320
Rear Cover for Power Entry Module

## Mating Outlets/Connectors

**Category / Description**

Connector Overview complete



| | |
|---|---|
| 4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4782 |
| 4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4785 |
| 4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4300-06 |
| 4781 Mounting: Power Cord, Cable, Connector: IEC C15 | 4781 |
| 4784 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C15 | 4784 |
| | ... |

Interconnection Cord Overview complete



| | |
|---|---|
| Cord Sets 10 A, Interconnection, 2.0 m, IEC H05VV-F3G1.0, black | 6007.0204 |
| Cord Sets 10 A, Interconnection, 1.0 m, Connector IEC C13, H05VV-F3G1.0, black | 6007.0212 |
| Cord Sets 10 A, Interconnection, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black | 6007.0214 |

Power Supply Cord Overview complete



| | |
|---|---|
| Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black | 6004.0215 |
| Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black | 6003.0215 |
| Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black | 6000.0224 |
| Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black | 6000.0214 |
| Cord Sets 10 A, United Kingdom, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black | 6044.0215 |
| | ... |

Power Supply or Interconnection Cord Overview complete



| | |
|---|---|
| Cord Sets 10 A, United Kingdom, 2.0 m, Connector IEC H05VV-F3G1.0, black | 6044.0204 |

## Mating Outlets/Connectors shuttered

Power Cord Overview complete



| | |
|---|---|
| VAC17KS, V-Lock cord retaining, diverse m, Connector IEC C17, diverse, black / grey / white | VAC17KS |

29.11.2022

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.