## IEC Connector protection degree IP67 / IP69K, Rewireable, Straight

**new**

4762
IEC Outlet
black

4762
without Cover
white

Set consisting of appliance inlet and connector

S15

120° C

See below:
**Approvals and Compliances**

## Description

- Cord Connectors (Rewireable) :
  Screw
- Connector , Pin temperature 120 °C , Protection class I
- Push-Pull locking system
- Wire size 0.75-1.5mm², 18AWG-14AWG (0.82-2.08mm²)
- Cable diameter 6.0-10.0mm
- Protection cover as accessory for IP67 / IP69K unplugged
- Complete set consisting of appliance inlet and outlet
- Mating appliance inlet: 4761

**Unique Selling Proposition**
- Waterproofed Cord Connector IP67 / IP69K
- Perfect for use in harsh environments
- Push/Pull technology with interlocking system
- Very simple cable assembly

## Weblinks

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

## Technical Data

| Ratings IEC | 10 A / 250 VAC; 50 Hz |
|---|---|
| Ratings UL/CSA | 15 A / 250 VAC; 60 Hz |
| Dielectric Strength | > 1.5 kVAC between L-N<br>> 1.5 kVAC between L/N-PE<br>(1 min/50 Hz) |
| Allowable Operation Temperature | -25 °C to 120 °C |
| IP-Protection | from front side IP67 acc. to IEC 60529 / IP69K acc. to ISO 20653 |
| Insulation cover | Suitable for appliances with protection class I acc. to IEC 61140 |
| Terminal | Cable |
| Material: Housing | Thermoplastic, black / white, UL 94V-0 |

| appliance inlet/-outlet | Approved acc. to IEC 60320-1 UL 60320-1, CSA C22.2 no. 60320-1 (For hot conditions) pin-temperature 120 °C, 10A, Protection Class I |
|---|---|
| | Shape of connector S15 is SCHURTER specific |

## 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: 4762

| Approval Logo | Certificates | Certification Body | Description |
|---|---|---|---|
| ⏚ 10 | VDE Approvals | VDE | Certificate Number: 40044382 |
| C ᴿᵁₗ US | UL Approvals | UL | UL File Number: E96454 |

## 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 60320-1 | Appliance couplers for household and similar general purposes |
| 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
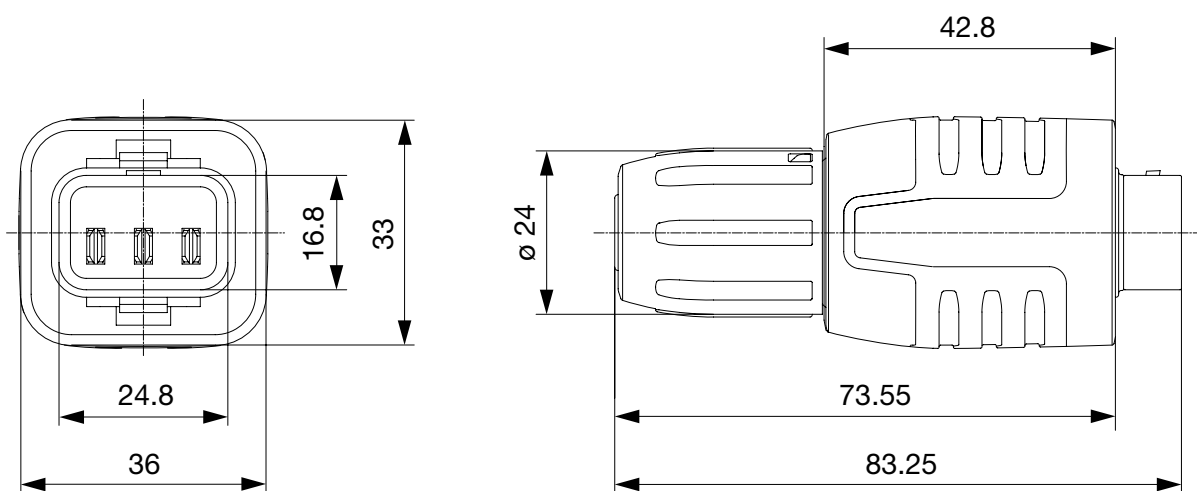
Application standards where the product can be used

| Organization | Design | Standard | Description |
|---|---|---|---|
| IEC | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment. |

## 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. |
| RoHS COMPLIANT | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/836 |
| 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. |
| Halogen Free LHF | Halogen Free | SCHURTER AG | SCHURTER strives to offer our customers halogen free products. |
| 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. |

## Dimensions [mm]



## All Variants

| Appliance Inlet | Connector | Kit | Color | Terminals Inlet | Order Number | |
|---|---|---|---|---|---|---|
| | ● | - | black | - | 4312.0003 | ▌ |
| ● | ● | 1) | black | Quick connect terminals 4.8 x 0.8 mm | 4312.0004 | ▌ |
| ● | ● | 1) | black | Quick connect terminals 6.3 x 0.8 mm | 4312.0005 | |
| ● | ● | 1) | black | Solder terminals | 4312.0006 | ▌ |
| | ● | - | white | - | 4312.0010 | ▌ |
| ● | ● | 1) | white | Quick connect terminals 4.8 x 0.8 mm | 4312.0011 | ▌ |

| Appliance Inlet | Connector | Kit | Color | Terminals Inlet | Order Number | |
|:---:|:---:|:---:|:---|:---:|:---|:---:|
| ● | ● | 1) | white | Quick connect terminals 6.3 x 0.8 mm | 4312.0012 | |
| ● | ● | 1) | white | Solder terminals | 4312.0013 | ▮ |

1) complete set consisting of appliance inlet and outlet

▮ Most Popular.

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

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**Packaging unit**  10 Pcs

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## Accessories

**Description**

Protection cover
Protection cover for waterproof appliance coupler 4761 / 4762

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## Mating Inlets/Plugs shuttered

**Category / Description**

Appliance Inlet Overview complete

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|:---|:---:|
| 4761, Mounting: Screw, Solder terminals or quick connect terminals, Appliance Inlet: Approved | 4761 |

Appliance Inlet further types to 4762

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30.05.2019