IEC Appliance Inlet with protection degree IP67 / IP69K, Screw-on Mounting front side, Solder or Quick-connect Terminal

**new**

with Cover (separate accessories)

Set consisting of appliance inlet and connector

**S16**

120° C

See below:
**Approvals and Compliances**

## Description

- Panel Mount :
  Screw-on mounting from front side
- Appliance Inlet , Pin temperature 120 °C , Protection class I
- Solder terminals or quick connect terminals
- Complete set consisting of appliance inlet and outlet
- Mating connector type: 4762

## Unique Selling Proposition

- Waterproofed Appliance Inlet IP67 / IP69K
- Suitable for equipments in harsh environment
- Specific shape to ensure IP protection
- Version in Black and White

## Weblinks

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

## 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 | Solder terminals or quick connect terminals |
| Panel Thickness S | Screw: max 6 mm<br>Mounting screw torque max 3 Nm |
| 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 S16 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

## Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.
Approval Reference Type: 4761

| Approval Logo | Certificates | Certification Body | Description |
|---|---|---|---|
| 10 | VDE Approvals | VDE | Certificate Number: 40044311 |
| c ᴿᵁ 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 |
| 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

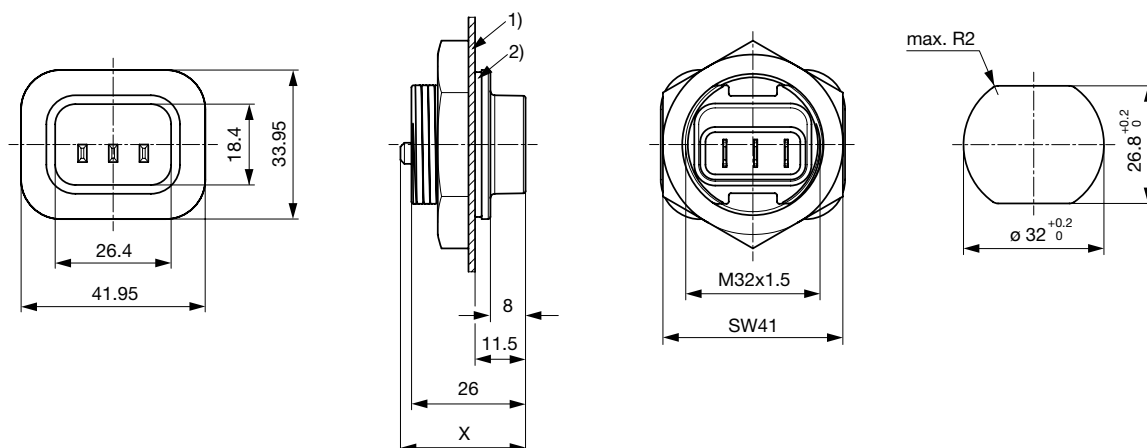| Organization | Design | Standard | Description |
|---|---|---|---|
| IEC | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technologyequipment. |

## 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 | EU Directive RoHS 2011/65/EU |
| China RoHS | 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 HF | 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]



"X: Quick-connect terminals 4.8x0.8 mm: 28.5 mm

"1) Panel

## All Variants

| Appliance Inlet | Connector | Set | Color | Terminals Inlet | Order Number | |
|---|---|---|---|---|---|---|
| ● | | - | black | Quick connect terminals 4.8 x 0.8 mm | 4312.0000 | ▌ |
| ● | | - | black | Quick connect terminals 6.3 x 0.8 mm | 4312.0001 | |
| ● | | - | black | Solder terminals | 4312.0002 | ▌ |
| ● | ● | 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 | Quick connect terminals 4.8 x 0.8 mm | 4312.0007 | ▌ |

| Appliance Inlet | Connector | Set | Color | Terminals Inlet | Order Number | |
|:---:|:---:|:---:|:---:|:---:|:---|:---:|
| ● | | - | white | Quick connect terminals 6.3 x 0.8 mm | 4312.0008 | |
| ● | | - | white | Solder terminals | 4312.0009 | ▌ |
| ● | ● | 1) | white | Quick connect terminals 4.8 x 0.8 mm | 4312.0011 | ▌ |
| ● | ● | 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

---

**Packaging unit**       10 Pcs

---

### Accessories

**Description**

Protection cover
Protection cover for waterproof appliance coupler 4761 / 4762

---

### Mating Outlets/Connectors shuttered

**Category / Description**

Connector Overview complete

| | |
|:---|:---:|
| IEC Connector protection degree IP67 / IP69K, Rewireable, Straight | 4762 |

Connector further types to 4761

---

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.

16.03.2018