V9/22

IEC Appliance Inlet C14/C18, Screw-on Mounting, Front Side, Solder or Quick-connect, Screw Terminal

**new**

C14    C18

70° C    70° C

See below:
**Approvals and Compliances**

## Description
- Panel mount :
  Screw-on mounting , Front Side
- Appliance Inlet , Pin temperature 70 °C , protection class I or II
- Available in black and white

## Unique Selling Proposition
- IEC 60320 & IEC 60529
- With sealing: IP54 under load, IP67 towards housing
- Without sealing: IP20

Inlet Connector C14 / C18 also available without seal. The V-Lock cord latching system prevents against accidental removal of the power supply and allows IP54 under load.

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

## Technical Data

| | |
|---|---|
| Ratings IEC | 10A / 250VAC; 50Hz |
| Ratings UL/CSA | 15A / 250VAC; 60Hz |
| Dielectric Strength | > 2.5kVAC between L-N<br>> 3kVAC between L/N-PE<br>(1min/50Hz) |
| Allowable Operation Temperature | -25°C to 70°C |
| Protection against electric shock | Suitable for appliances with protection class I or II acc. to IEC 61140 |
| Material: Housing | PA6, black / white, 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, 10A, Protection Class I or II |

## 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: 6061

| Approval Logo | Certificates | Certification Body | Description |
|---|---|---|---|
| 10 | VDE Approvals | VDE | Certificate Number: 40011871 |
| c UL us | UL Approvals | UL | UR File Number: E96454 |
| CCC | CCC Approvals | CCC | CCC Certificate Number: pending |

## 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

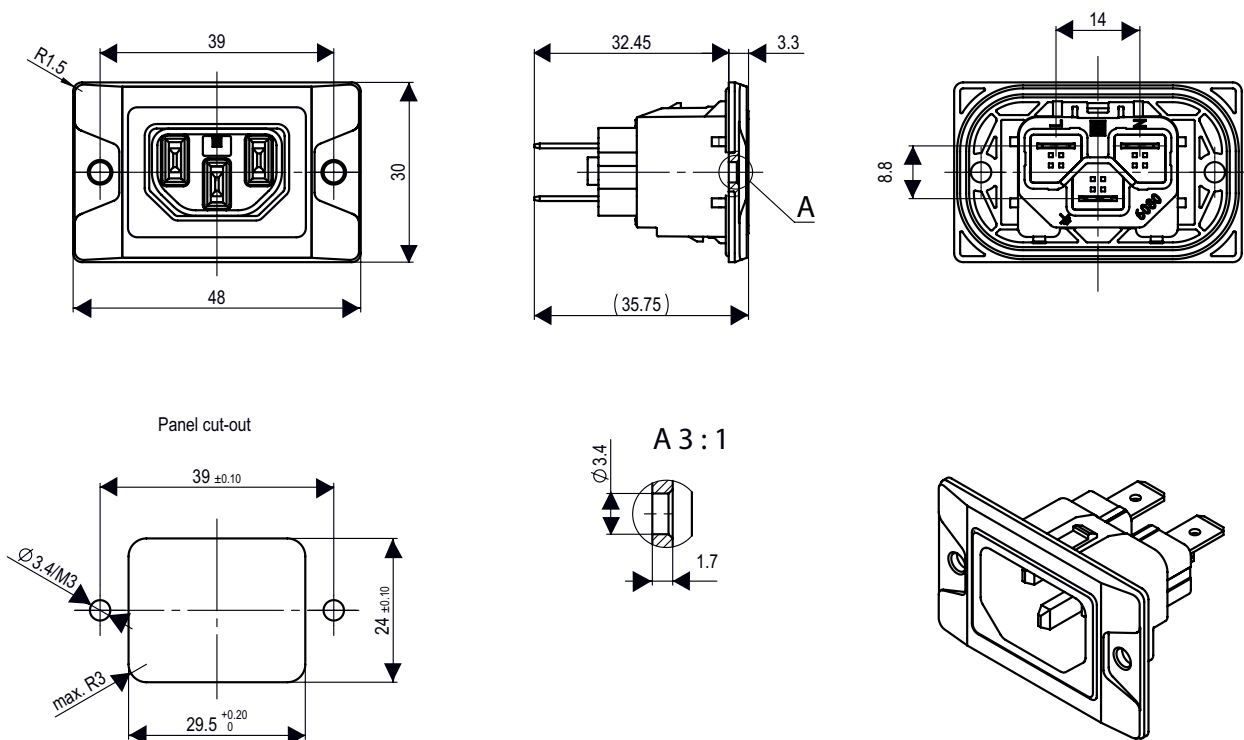| Organization | Design | Standard | Description |
|---|---|---|---|
| IEC | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |

## Compliances

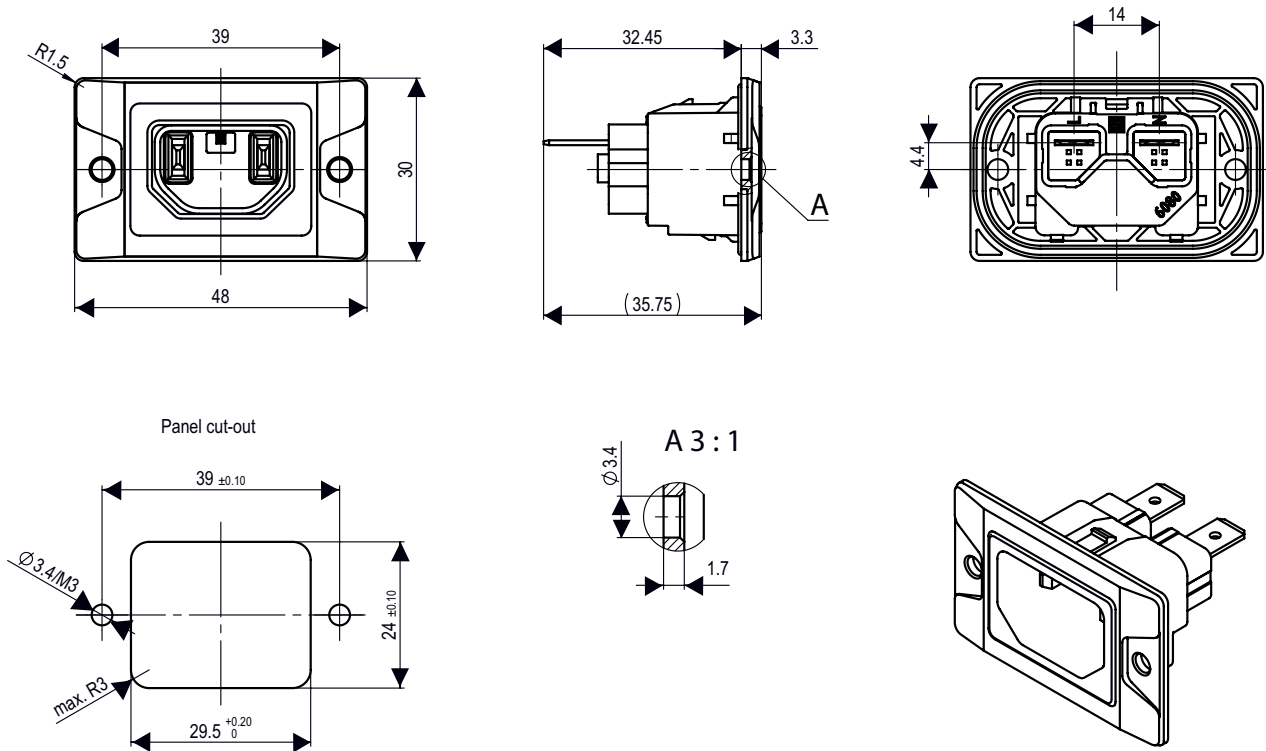The product complies with following Guide Lines

| 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 COMPLIANT | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
| 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. |
| 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. |
| V-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]

C14 with sealing



Panel cut-out



A 3 : 1

## C18 with sealing

Panel cut-out

A 3 : 1

### All Variants

| Protection Class | Terminals L / N | Terminal Ground | Color | Ingress Protection | Config. Code | Order Number | |
|---|---|---|---|---|---|---|---|
| I | QC 6.3 x 0.8 mm | QC 6.3 x 0.8 mm | black | With sealing IP54 / IP67 | 6080-111-0000-00 | 3-134-880 | ▮ |
| II | QC 6.3 x 0.8 mm | - | black | With sealing IP54 / IP67 | 6080-110-0000-00 | 3-134-881 | |
| I | QC 6.3 x 0.8 mm | QC 6.3 x 0.8 mm | white | With sealing IP54 / IP67 | 6080-111-0001-00 | 3-134-902 | ▮ |
| II | QC 6.3 x 0.8 mm | - | white | With sealing IP54 / IP67 | 6080-110-0001-00 | 3-134-903 | ▮ |
| I | QC 6.3 x 0.8 mm | QC 6.3 x 0.8 mm | black | Without sealing IP20 | 6080-111-1110-00 | 3-137-731 | ▮ |
| II | QC 6.3 x 0.8 mm | - | black | Without sealing IP20 | 6080-110-1110-00 | 3-137-752 | |
| I | QC 6.3 x 0.8 mm | QC 6.3 x 0.8 mm | white | Without sealing IP20 | 6080-111-1111-00 | 3-137-753 | ▮ |
| II | QC 6.3 x 0.8 mm | - | white | Without sealing IP20 | 6080-110-1111-00 | 3-137-754 | |

▮ Most Popular.

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

**Packaging unit**          20 Pcs

### Accessories

**Description**

**SC54C13KS**
Overview Power Supply Cord with IEC Connector C13, V-Lock, IP54

## Mating Outlets/Connectors shuttered

**Category / Description**

### Connector Overview complete

| | |
|---|---|
| 4783 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4783 |

### Power Cord Overview complete

| | |
|---|---|
| SC54C13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black | SC54C13KS |
| VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black | VAC13KS |
| VAC17KS, V-Lock cord retaining, diverse m, Connector IEC C17, diverse, black / grey / white | VAC17KS |

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