

## IEC Appliance Outlet J, Snap-in/Screw-on Mounting, Front Side, Solder or Quick-connect Terminal



Snap-in version  
from front side  
Solder or quick connect terminals



Screw-on mounting  
from front side  
Solder or quick connect terminals

type J



70 °C

See below:

[Approvals and Compliances](#)

### Description

- Snap-in or screw-on mounting , from front side
- Connector , Pin temperature 70 °C Protection class I
- V-Lock, P-Lock and Twylock compatible
- 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.
- Solder terminals or quick connect terminals

### Characteristics

- Suitable for use in equipment according to IEC/UL 62368-1

### Other versions on request

- Other panel thickness
- Variants in white color
- For protection class II

### References

Substitute for type [0723](#); [5213](#); [5216](#)

Alternative: version with integrated light pipes [4797-5](#)

### Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#), [Landing Page](#)

The integration of light pipes in the appliance outlet provides status indication in smart PDUs. See PDU Landing Page for more information.  
[Power Distribution Units](#)

### Technical Data

|                                   |                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------|
| Ratings IEC                       | 16A / 250VAC; 50Hz                                                          |
| Ratings UL/CSA                    | 20A / 250VAC; 60Hz                                                          |
| Dielectric Strength               | > 2.5kVAC between L-N<br>> 3kVAC between L/N-PE<br>(1 min/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     |
| Terminal                          | Solder terminals or quick connect terminals                                 |
| Panel Thickness S                 | Screw: max 8 mm<br>Mounting screw torque max 0.5Nm<br>Snap-in: 0.8mm to 3mm |
| Material: Housing                 | Thermoplastic, black, UL 94V-0                                              |

|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Appliance inlet/-outlet | type J acc. to IEC 60320-3<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 16A, Protection Class I |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|

### 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: 4797

| Approval Logo                                                                    | Certificates                  | Certification Body | Description                              |
|----------------------------------------------------------------------------------|-------------------------------|--------------------|------------------------------------------|
|  | <a href="#">VDE Approvals</a> | VDE                | Certificate Number: 40040106             |
|  | <a href="#">UL Approvals</a>  | UL                 | UL File Number: E103791                  |
|  | <a href="#">CCC Approvals</a> | CCC                | CCC Certificate Number: 2016180204002357 |

## 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 60320-3      | Appliance couplers for household and similar general purposes         |
|  | 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 62368-1 | IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office 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 60695-2-11 or -12 & -13. |

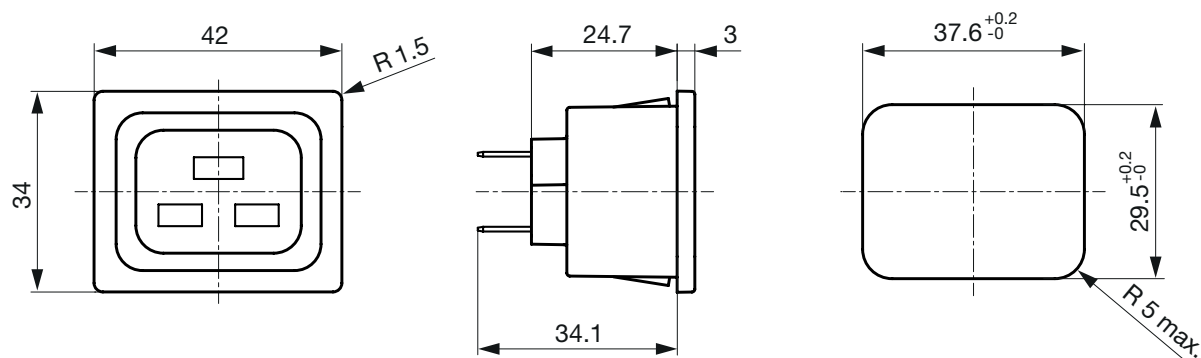
## Compliances

The product complies with following Guide Lines

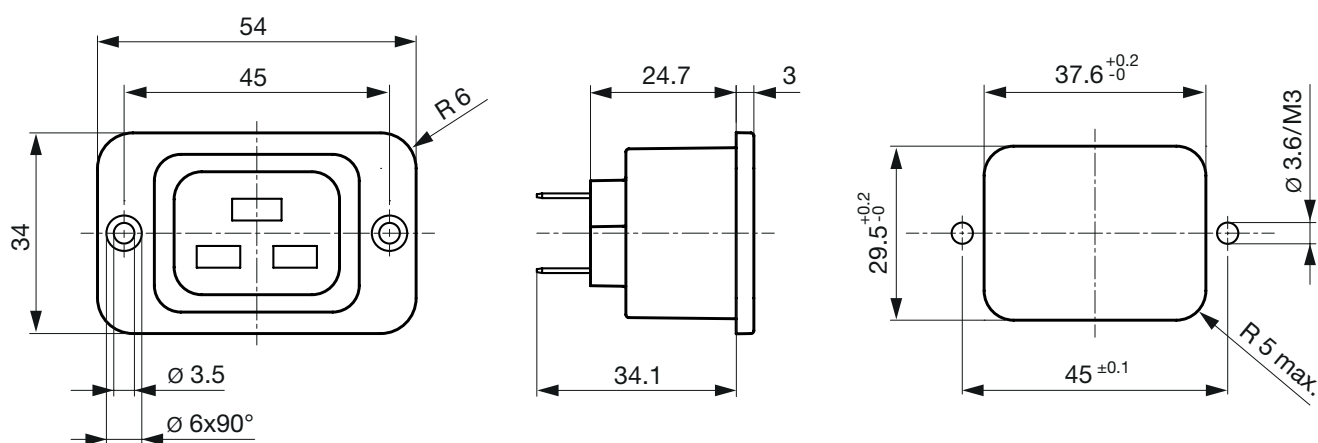
| Identification                                                                     | Details                                      | Initiator   | Description                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------|----------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">CE declaration of conformity</a> | 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.                        |
|  | <a href="#">RoHS</a>                         | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863                                                                                                                                                                           |
|  | <a href="#">China RoHS</a>                   | 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.                                                                                                         |
|  | <a href="#">REACH</a>                        | 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.                                                      |
|  | <a href="#">Landing Page V-Lock</a>          | 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. |
|  | <a href="#">White Paper Glow wire test</a>   | 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]

Snap-in mounting from front side



Screw-on from front side



## All Variants

| Panel mounting | Panel Thickness<br>s [mm] | Terminal                             | Protection Class | Order Number |
|----------------|---------------------------|--------------------------------------|------------------|--------------|
| Snap-in        | 1                         | Quick connect terminals 6.3 x 0.8 mm | I                | 4797.0010    |
| Snap-in        | 1.2                       | Quick connect terminals 6.3 x 0.8 mm | I                | 4797.0012    |
| Snap-in        | 1.5                       | Quick connect terminals 6.3 x 0.8 mm | I                | 4797.0015    |
| Snap-in        | 2                         | Quick connect terminals 6.3 x 0.8 mm | I                | 4797.0020    |
| Snap-in        | 2.5                       | Quick connect terminals 6.3 x 0.8 mm | I                | 4797.0025    |
| Snap-in        | 3                         | Quick connect terminals 6.3 x 0.8 mm | I                | 4797.0030    |
| Snap-in        | 1                         | Solder terminals                     | I                | 4797.3010    |
| Snap-in        | 1.2                       | Solder terminals                     | I                | 4797.3012    |
| Snap-in        | 1.5                       | Solder terminals                     | I                | 4797.3015    |
| Snap-in        | 2                         | Solder terminals                     | I                | 4797.3020    |
| Snap-in        | 2.5                       | Solder terminals                     | I                | 4797.3025    |
| Snap-in        | 3                         | Solder terminals                     | I                | 4797.3030    |
| Screw          | -                         | Quick connect terminals 6.3 x 0.8 mm | I                | 4797.0000    |
| Screw          | -                         | Solder terminals                     | I                | 4797.3000    |

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

0859.0075



Cord retaining kits  
Cord retaining strain relief

|                |           |
|----------------|-----------|
| Countersunk, J | 4700.0009 |
| Flat head, L   | 4700.0011 |

Mating Inlets/Plugs

Category / Description



Plug Overview complete

|                                                |      |
|------------------------------------------------|------|
| 4796, Mounting: Power Cord, Cable, Plug: IEC I | 4796 |
| 4789, Mounting: Power Cord, Screw, Plug: IEC I | 4789 |
| Plug further types to 4797                     |      |

Mating Inlets/Plugs shuttered



Interconnection Cord Overview complete

|                                                                                                               |           |
|---------------------------------------------------------------------------------------------------------------|-----------|
| VAC19KS, Interconnection, V-Lock cord retaining, 2.0 m, Connector IEC C19, H05VV-F3G1.5 / SJT 3x14 AWG, black | 3-100-362 |
| VAC19KS, Interconnection, V-Lock cord retaining, 3.0 m, Connector IEC C19, H05VV-F3G1.5 / SJT 3x14 AWG, black | 3-100-363 |
| VAC19KS, Interconnection, V-Lock cord retaining, 1.0 m, Connector IEC C19, H05VV-F3G1.5, black                | 6051.2147 |
| VAC19KS, Interconnection, V-Lock cord retaining, 1.0 m, Connector IEC C19, H05VV-F3G1.5 / SJT 3x14 AWG, black | 6051.2197 |
| VAC19KS, Interconnection, V-Lock cord retaining, 2.0 m, Connector IEC C19, H05VV-F3G1.5, black                | 6051.2047 |

Interconnection Cord further types to 4797

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- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
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