

## IEC Appliance Outlet J, Integrated Light Pipes, PCB terminals, Color Coding



Grey, Light Pipe Position C and D



Black, Light Pipe Position B and C



White, Light Pipe Position A and B

type J



70 °C

See below:

[Approvals and Compliances](#)

### Description

- Panel mount :  
Snap-in version from front side
- IEC Outlet type J , Pin temperature -25 °C to 70 °C , Protection class I
- Ideal for smart PDU and UPS applications
- Pre-assembled light pipes
- For PCB mounting

### Unique Selling Proposition

- Integrated Light Pipe for a space saving status indication
- Clear assignment of the status indication
- Optionally up to four Light Pipes
- Cord retention for cordsets with V-Lock or a side latching mechanism

### Other versions on request

- Panel thickness 1.0, 1.2, 2.0, 2.5 und 3.0 mm
- Other Light Pipe Arrangements
- Other Light Pipe lengths: 32.7, 37.4 to 50 mm
- Samples available in grey and white

### References

Alternative: version without light pipe [4797](#)

### Weblinks

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

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                       | 16 A / 250VAC; 50Hz                                               |
| Ratings UL/CSA                    | 20A / 250VAC; 60Hz                                                |
| Dielectric Strength               | > 1.5 kVAC between L-N<br>> 3kVAC between L/N-PE<br>(1 min/50Hz)  |
| Allowable Operation Temperature   | -25 °C to 70 °C                                                   |
| IP-Protection                     | from front side IP40 acc. to IEC 60529                            |
| Protection against electric shock | Suitable for appliances with protection class I acc. to IEC 61140 |
| Terminal                          | For PCB mounting                                                  |
| Panel Thickness S                 | Snap-in: 1.5 mm                                                   |
| Light Pipe Length L               | ø2 x 27.5 mm                                                      |
| Material: Housing                 | Thermoplastic, black / grey / white, UL 94V-0                     |

|                         |                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| appliance inlet/-outlet | type J acc. to IEC 60320-1 and IEC 60320-3, UL 60320-1, CSA C22.2 no. 60320-1-11 (for cold conditions)<br>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: 4797-5

| Approval Logo                                                                    | Certificates  | Certification Body | Description                              |
|----------------------------------------------------------------------------------|---------------|--------------------|------------------------------------------|
|  | VDE Approvals | VDE                | Certificate Number: 40046643             |
|  | UL Approvals  | UL                 | UL File Number: E103791                  |
|  | CCC Approvals | CCC                | CCC Certificate Number: 2018180204005525 |

## 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 | UL 60320-1               | Standard for Attachment Plugs and Receptacles                         |
|  | Designed according to | CSA C22.2 no. 60320-1-11 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

## Application standards

Application standards where the product can be used

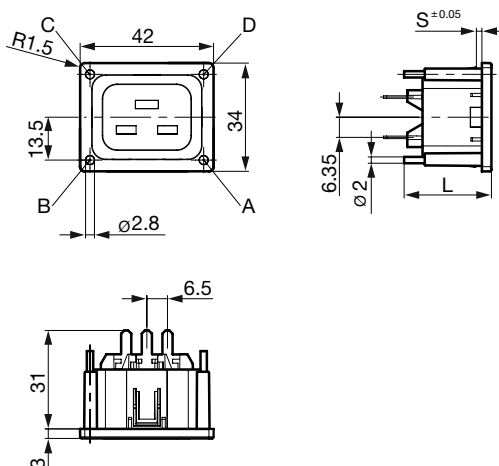
| Organization                                                                      | Design                         | Standard     | Description                                                                                                                                                           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

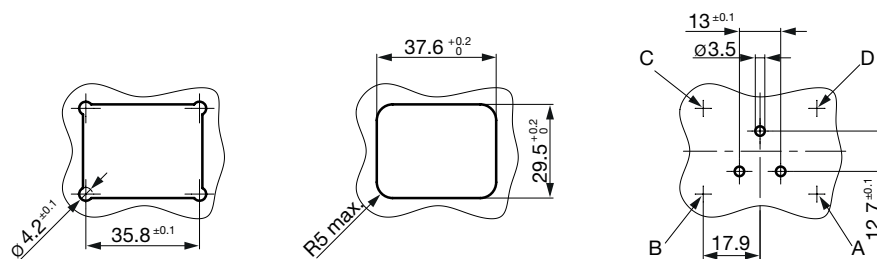
The product complies with following Guide Lines

| Identification                                                                     | Details                      | Initiator   | Description                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------|------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 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                         | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/836                                                                                                                                                                           |
|  | 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                        | 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.                                                      |
|  |                              | 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. |
|  | 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]



L = Light Pipe Length  
S = Panel Thickness



## All Variants

| Panel Thickness [mm] | Light Pipe Position - A | Light Pipe Position - B | Light Pipe Position - C | Light Pipe Position - D | Color | Order Number |
|----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------|--------------|
| 1.5                  |                         | •                       |                         |                         | black | 3-103-009    |
| 1.5                  |                         | •                       | •                       |                         | black | 3-103-016    |
| 1.5                  |                         |                         | •                       | •                       | black | 3-104-614    |

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

**Packaging unit** 50 Pcs

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 4797-5](#)

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 4797-5](#)

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Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schurter:

[3-103-009](#) [3-104-614](#) [3-103-016](#)