

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

Description

- Panel mount :
Snap-in version 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 systems of V-Lock, P-Lock and TwyLock supported

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

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [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 | 16A / 250VAC; 50Hz |
| Ratings UL/CSA | 20A / 250VAC; 60Hz |
| Dielectric Strength | > 1.5kVAC between L-N > 3kVAC between L/N-PE (1 min/50Hz) |
| Allowable Operation Temperature | -25 °C to 70 °C |
| IP-Protection | 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: 1.5mm |
| 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) pin-temperature 70 °C, 16A, Protection Class I |
|-------------------------|---|




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 | UR 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

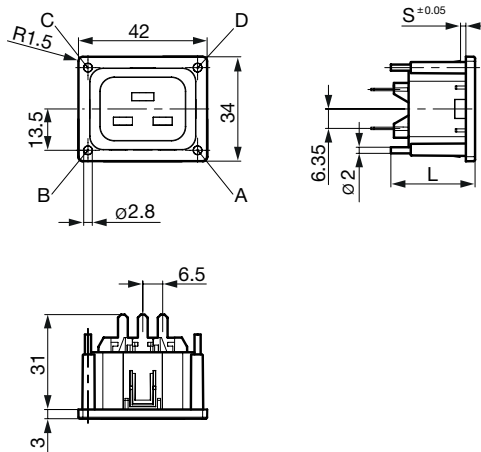
| Organization | Design | Standard | Description |
|--------------|--------------------------------|----------------|--|
| | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |
| | Suitable for applications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

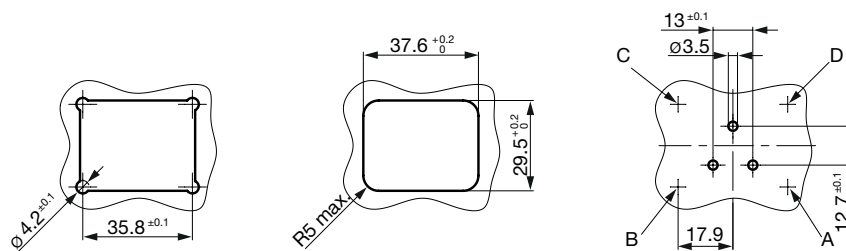
The product complies with following Guide Lines

| 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. |
|  | 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 | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | 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. |
|  | | SCHURTER AG | |
|  | 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/info-center/support-tools/stock-check-distributors>

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 |

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 |