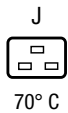
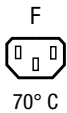


Appliance Outlet F/J, with or w/o integrated Light Pipes, PCB terminals



See below:

[Approvals and Compliances](#)

Description

- Panel mount :
Snap-in version front side
- IEC Combined Outlet type F/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
- Up to four Light Pipes, w/o light pipes, w/o wholes
- Cord retention systems of V-Lock, P-Lock and TwyLock supported with J type only

Other versions on request

- Panel thickness 1.0, 1.2, 2.0, 2.5 or 3.0 mm
- Other Light Pipe Arrangements
- Other Light Pipe lengths: 32.7, 37.4 oder 50 mm

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/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	front side IP20 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, 28.5 mm, 35 mm
Material: Housing	Thermoplastic, black / grey / white, UL 94V-0

Appliance inlet/-outlet	type F/J acc. to (for cold conditions) pin-temperature 70 °C, 16 / 20A, 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: 4763

Approval Logo	Certificates	Certification Body	Description
	TUEV Approvals	TUEV	Technischer Überwachungsverein

Application standards

Application standards where the product can be used

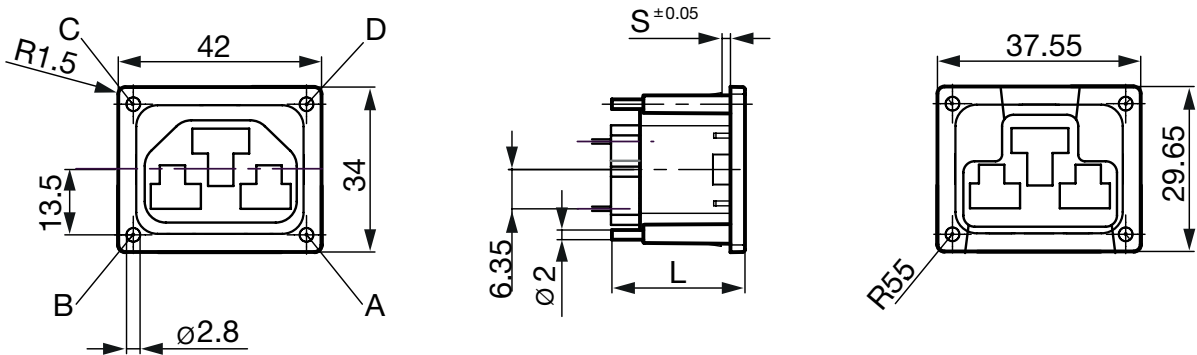
Organization	Design	Standard	Description
	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
	Suitable for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the 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

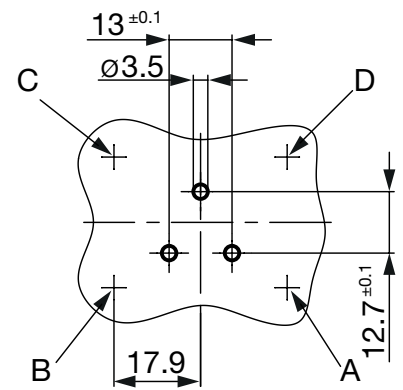
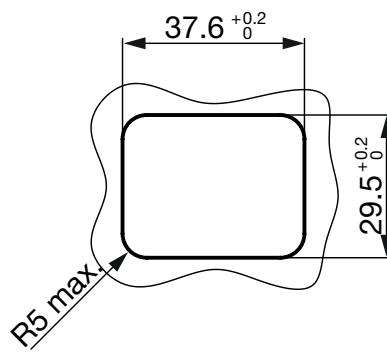
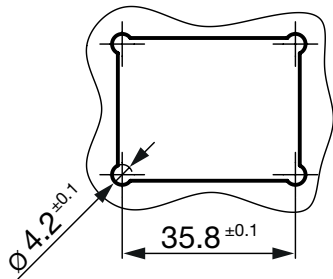
The product complies with following Guide Lines

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.
	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



Order number key

4	7	6	3	-	X	X	X	X	-	X	X	X	X	-	XX	-	X	X	-	00
					1	2	3	4		5	6	7	8		9		10	11		12

Version **1**

With frame	=	0
Without frame	=	1

Terminal L **2**

PCB L=34.0 mm	=	4
PCB L=30.6mm	=	5

Terminal N **3**

PCB L=34.0 mm	=	4
PCB L=30.6mm	=	5

Terminal PE **4**

PCB L=34.0 mm	=	4
PCB L=30.6mm	=	5

Light pipe position "A" **5**

Without hole	=	0
With hole	=	1
Light pipe D=2mm, L=27.5mm	=	3
Light pipe D=2mm, L=32.7mm	=	4
Light pipe D=2mm, L=37.4mm	=	5
Light pipe D=2mm, L=50.0mm	=	6
Light pipe D=2mm, L=28.5mm	=	7
Light pipe D=2mm, L=25.0mm	=	8

Light pipe position "B" **6**

Without hole	=	0
With hole	=	1
Light pipe D=2mm, L=27.5mm	=	3
Light pipe D=2mm, L=32.7mm	=	4
Light pipe D=2mm, L=37.4mm	=	5
Light pipe D=2mm, L=50.0mm	=	6
Light pipe D=2mm, L=28.5mm	=	7

Light pipe position "C" **7**

Without hole	=	0
With hole	=	1
Light pipe D=2mm, L=27.5mm	=	3
Light pipe D=2mm, L=32.7mm	=	4
Light pipe D=2mm, L=37.4mm	=	5
Light pipe D=2mm, L=50.0mm	=	6
Light pipe D=2mm, L=28.5mm	=	7

Light pipe position "D" **8**

Without hole	=	0
With hole	=	1
Light pipe D=2mm, L=27.5mm	=	3
Light pipe D=2mm, L=32.7mm	=	4
Light pipe D=2mm, L=37.4mm	=	5
Light pipe D=2mm, L=50.0mm	=	6
Light pipe D=2mm, L=28.5mm	=	7

Mounting **9**

Snap-in 1.0 mm	=	10
Snap-in 1.2 mm	=	12
Snap-in 1.5 mm	=	15
Snap-in 2.0 mm	=	20
Snap-in 2.5 mm	=	25
Snap-in 3.0 mm	=	30

Color **10**

Black	=	1
Grey	=	2
White	=	3

Plastic **11**

Fossil plastic	=	0
----------------	---	---

Customer specific type **12**

Standard	=	00
Customer specific light pipe	=	01

Variants

Panel Thickness [mm]	Light Pipe Position - A	Light Pipe Position - B	Light Pipe Position - C	Light Pipe Position - D	Color	Light Pipe length [mm]	Order Number
1.5		●	●		black	27.5	3-160-106
1.5		●	●		black	35	3-160-112
1.5		●	●		grey	27.5	3-160-785
1.5		●	●		white	27.5	3-160-786
1.5					black	-	3-160-190

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](#)



4732, Mounting: Power Cord, Plug: IEC E, Cable	4732
4735, Mounting: Power Cord, Plug: IEC E, Cable	4735
4733, Mounting: Power Cord, Plug: IEC E, Cable	4733
4736, Mounting: Power Cord, Plug: IEC E, Cable	4736
4796, Mounting: Power Cord, Cable, Plug: IEC I	4796
...	

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