IEC Appliance Outlet F, Integrated Light Pipes, PCB terminals, Color Coding
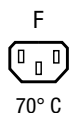

Light Pipes on N side

Light Pipes N and L side

Example PDU with integrated light Pipes

F

70° C

See below:

Approvals and Compliances

Description
- Panel mount :
  Snap-in version from front side
- Connector , Pin temperature 70 °C , Protection class I
- Pre-assembled light pipes
- For PCB mounting

Unique Selling Proposition
- Integrated Light Pipes for status indication
- Optional with one, two or without light pipes
- Ideal appliance outlet for smart PDUs
- Cord retention for V-Lock cordsets and other side latch mechansim

See PDU Landing Page for more information to status indication with Light pipes.
 Power Distribution Units

Other versions on request
- Other panel thickness
- Other lenghts on terminals and light pipes
- Quick connect or solder terminals (incl. different terminals on L, N, PE)

References
Alternative: version without light pipe   6600-4

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

Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz		Appliance inlet/-outlet	F acc. to IEC 60320-3
Ratings UL/CSA	15 A / 250 VAC; 60 Hz			UL 60320-1, CSA C22.2 no. 60320-1
Dielectric Strength	> 1.5 kVAC between L-N			(for cold conditions) pin-temperature 70
	> 3 kVAC between L/N-PE			°C, 10A, Protection Class I
	(1 min/50 Hz)			
Allowable Operation Temperature	-25 °C to 70 °C			
IP-Protection	from 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: 1.7 / 2 mm			
Material: Housing	Thermoplastic, black, UL 94V-0			

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: 6600-5

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40044597
	UL Approvals	UL	UL File Number: E103791
	CCC Approvals	CCC	CCC Certificate Number: 2018180204005386

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-3	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

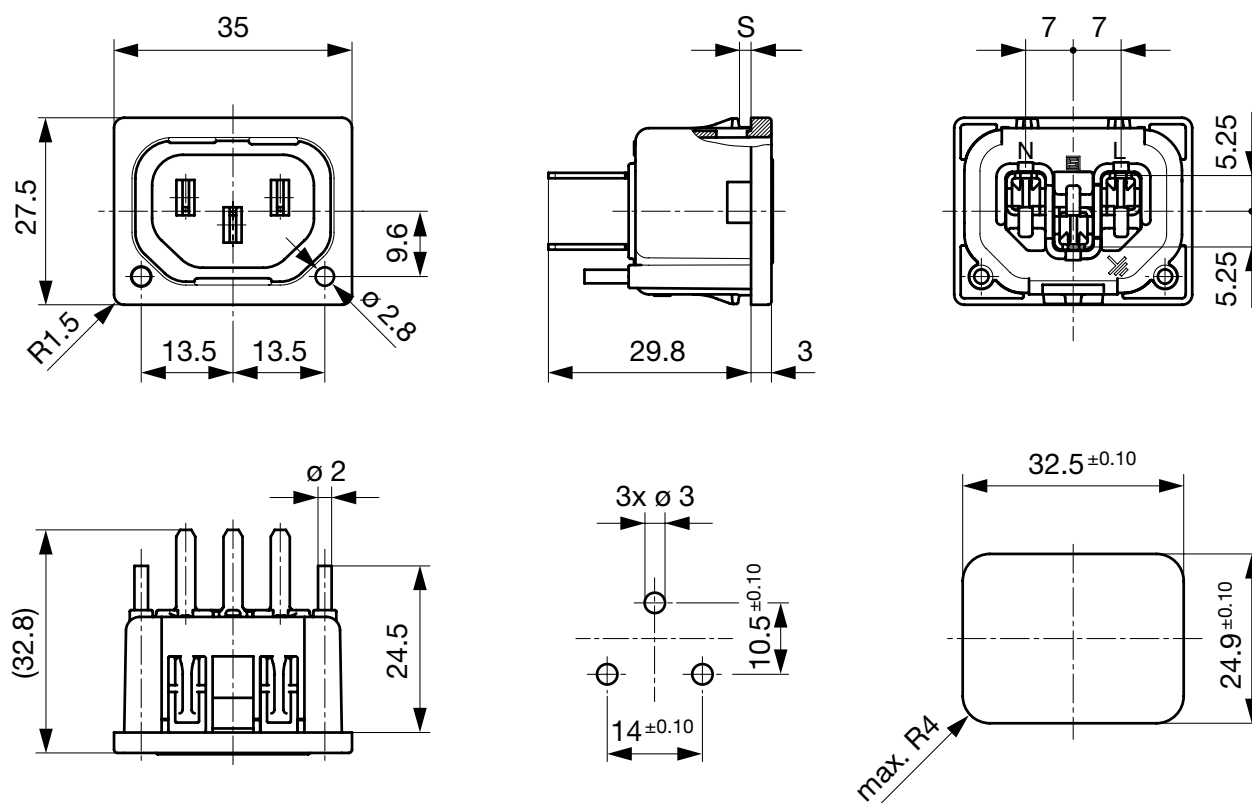| Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.
IEC	Designed for applications acc.	IEC 60335-1	Safety of electrical appliances for household 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	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 COMPLIANT	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
(e)	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	Landing Page 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.
	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]

See Application Note for more information to status indication with Light pipes.
Application Note

All Variants

Panel Thickness	Terminal	Light pipe N side	Light pipe L side	Order Number	
2.0	PCB			3-101-689	
2.0	PCB		●	3-101-686	
2.0	PCB	●		3-101-687	
2.0	PCB	●	●	3-101-685	
1.7	PCB			3-100-406	▌
1.7	PCB		●	3-100-404	▌
1.7	PCB	●		3-100-405	▌
1.7	PCB	●	●	3-100-403	▌

▌ 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

6600-5 packed in cardboard box with holes

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
9009, Mounting: Plug: IEC E, Screw clamps	9009
4733, Mounting: Power Cord, Plug: IEC E, Cable	4733
4736, Mounting: Power Cord, Plug: IEC E, Cable	4736
Plug further types to 6600-5	...

Mating Inlets/Plugs shuttered

Interconnection Cord Overview complete

VAC13KS, Interconnection, V-Lock cord retaining, 0.6 m, Connector IEC C13, H05VV-F3G0.75 / SVT 3x18 AWG, black	3-100-354
VAC13KS, Interconnection, V-Lock cord retaining, 1.2 m, Connector IEC C13, H05VV-F3G0.75 / SVT 3x18 AWG, black	3-100-355
VAC13KS, Interconnection, V-Lock cord retaining, 1.5 m, Connector IEC C13, H05VV-F3G0.75 / SVT 3x18 AWG, black	3-100-356
VAC13KS, Interconnection, V-Lock cord retaining, 3.0 m, Connector IEC C13, SVT 3x18 AWG, black	3-100-361
VAC13KS, Interconnection, V-Lock cord retaining, 1.8 m, Connector IEC C13, H05VV-F3G0.75 / SVT 3x18 AWG, black	3-100-734
Interconnection Cord further types to 6600-5	...

13.05.2020