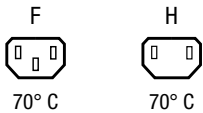




THE DATASHEET OF
6182.0033



IEC Appliance Outlet F, Screw-on Mounting, Rear Side, PCB-/Solder Terminal



See below:

Approvals and Compliances

Description

- Panel mount :
Screw-on mounting rear-side
- 1 Function
- Connector , Pin temperature 70 °C , protection class I or II
- For PCB mounting

Other versions on request

- For protection class II

References

Substitute for type [P675/PC](#)
 Alternative: protection class II version

Weblinks

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

Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 4 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50Hz)
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 or II acc. to IEC 61140
Terminal	For PCB mounting : Ground terminal: Solder terminal in line with PIN-axis
Material: Housing	PA6, black, UL 94V-0

Appliance inlet/-outlet	F acc. to IEC 60320-3 UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I or II
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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: 5001

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40053329
	UL Approvals	UL	UR File Number: E103791
	CCC Approvals	CCC	CCC Certificate Number: 2020180204013719 (PC I only)

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 60320-1	Standard for Attachment Plugs and Receptacles
	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

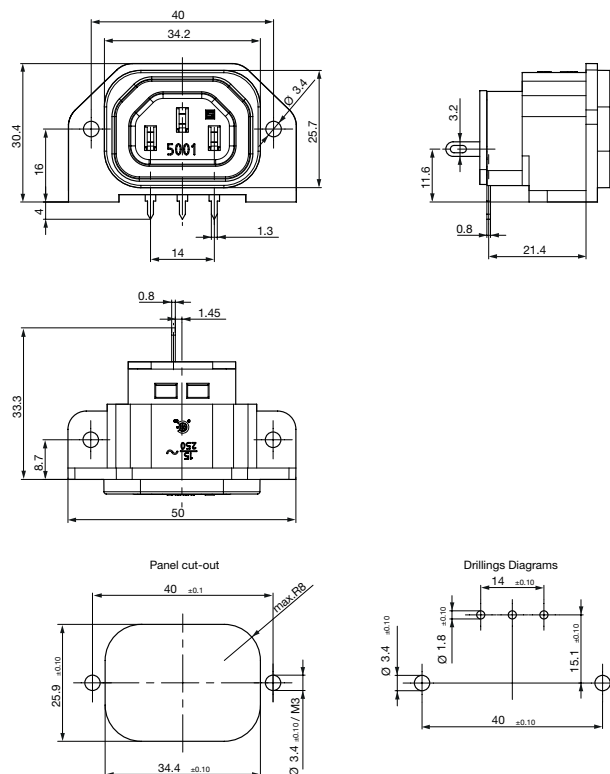
Organization	Design	Standard	Description
	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

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.

Dimensions [mm]



Config. Code

5001 - H - A B C 0 - D - E

The characters are placeholders for the correspondingly keys of selections from the key tables.

5001 - H - A B C 0 - D - E = Type

Type	Configuration key
protection class II	B
protection class I	X

5001 - H - A B C 0 - D - E = Terminals

Terminal Ground	Configuration key
without terminal	0
PCB-terminal long (additional solder terminal)	6

Symbols similar as in table A

5001 - H - A B C 0 - D - E = Terminals

Terminal L	Configuration key
PCB-terminal standard 	4

5001 - H - A B C 0 - D - E = Color

Color	Configuration key
Black	A

5001 - H - A B C 0 - D - E = Terminals

Terminal N	Configuration key
PCB-terminal standard	4

Symbols similar as in table A

5001 - H - A B C 0 - D - E = Style

Style	Configuration key
flange with through holes	2

Variants

Type	Terminals L / N	Terminal Ground	Color	Style	Features	Config. Code	Order Number
Protection class I	PCB-terminal (standard)	PCB-terminal long (additional solder terminal)	black	Flange with through holes	-	5001-X-4460-A-2	6182.0033

The listed variants should be available from stock. Other versions on request www.schurter.com/contact

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
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

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Click below to explore more details on WIN SOURCE:

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