

IEC Appliance Inlet C8, screw-on mounting front or rear, solder or quick-connect or PCB terminal



C8  
  
70 °C

See below:

[Approvals and Compliances](#)

### Description

- Panel mount :  
Screw-on mounting , front / rear-side
- Appliance Inlet , Pin temperature 70 °C , Protection class II
- Solder / Quick Connect / PCB Terminal

### Characteristics

- Contact pins are turned from solid material

### References

Alternative: version for snap-in mounting [2578](#)  
Alternative: Inlet with retainer and country specific cord set [2576 retaining kit](#)  
Alternative: version with line filter [5008](#)  
Last order date: 30.03.2025  
Last delivery date: 30.06.2025

### Weblinks

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

### Technical Data

Ratings IEC	2.5 A / 250 VAC; 50 Hz	Appliance inlet/-outlet	C8 acc. to IEC/EN 60320-1
Ratings UL/CSA	7 A / 125 VAC; 60 Hz		UL 60320-1, CSA C22.2 no. 60320-1
Dielectric Strength	> 3 kVAC between L-N > 1.5 kVAC between L/N-PE (1 min/50 Hz)		(for cold conditions) pin-temperature 70 °C, 2.5 A, Protection Class II
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 II acc. to IEC 61140		
Panel Thickness S	Screw Mounting screw torque max 0.5 Nm		
Material: Housing	PA6, black / grey / white, 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: 2576

Approval Logo	Certificates	Certification Body	Description
	<a href="#">VDE Approvals</a>	VDE	VDE Certificate Number: 40034368
	<a href="#">UL Approvals</a>	UL	UR File Number: E96454
	<a href="#">CSA Approvals</a>	CSA	CSA Certification Record: 27324


Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC/EN 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	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices






Application standards

Application standards where the product can be used

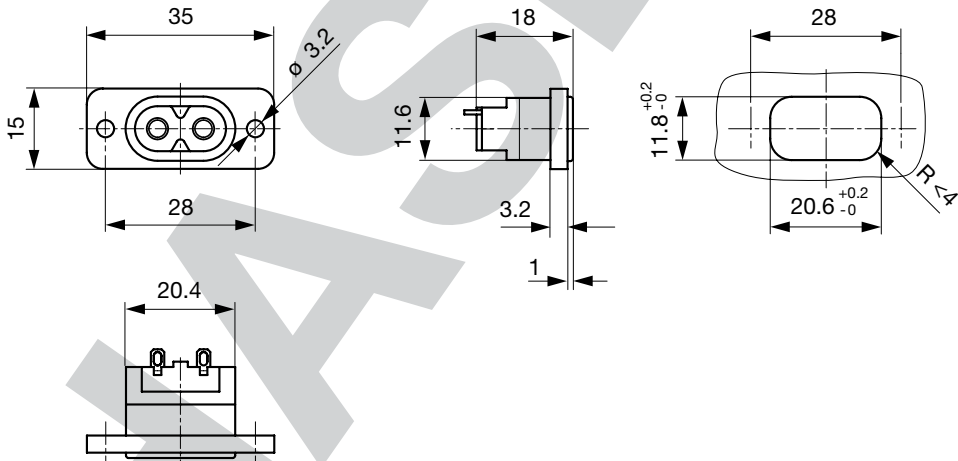
Organization	Design	Standard	Description
	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	<a href="#">CE declaration of conformity</a>	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.
	<a href="#">UKCA declaration of conformity</a>	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]



Length of the terminal please find at the order code configuration table

Config. Code









2576 - H - A B C 0 - D - E G F

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

2576 - **H** - A B C 0 - D - E G F = Type

2576 - H - **A** B C 0 - D - E G F = Terminals

Type	Configuration key
protection class II	X

Terminal L		Configuration key
short solder terminal (L = 4.8 mm)		2
long solder terminal (L = 8.5 mm)		3
PCB-terminal short (additional solder terminal)		5
PCB-terminal long (additional solder terminal)		6
Blade terminal (2.8 x 0.8 mm)		7
PCB-terminal (standard)		A
PCB-terminal (short)		B
PCB-terminal (long)		C

2576 - H - A B C 0 - D - E G F = Terminals

Terminal N		Configuration key
short solder terminal (L = 4.8 mm)		2
long solder terminal (L = 8.5 mm)		3
PCB-terminal short (additional solder terminal)		5
PCB-terminal long (additional solder terminal)		6
Blade terminal (2.8 x 0.8 mm)		7
PCB-terminal (standard)		A
PCB-terminal (short)		B

Symbols similar as in table A

Terminal N	Configuration key
PCB-terminal (long)	C
Symbols similar as in table A	

2576 - H - A B C 0 - D - E G F = Terminals

Terminal Ground	Configuration key
without terminal	0
Symbols similar as in table A	

2576 - H - A B C 0 - D - E G F = Color

Color	Configuration key
Black	A
Grey	B
White	D

2576 - H - A B C 0 - D - E G F = Style

Style	Configuration key
flange with through holes	2

2576 - H - A B C 0 - D - E G F = Dimension S

Dimension "S"	Configuration key
00	
The dimension "S" is displayed in (1/10 mm). This information is also valid for the order code	

2576 - H - A B C 0 - D - E G F = Orientation of Terminals

Orientation of Terminals	Configuration key
horizontal	A
vertical	B

## All Variants

Terminals L / N	Orientation of Terminals	Color	Style	Config. Code	Order Number
short solder terminal (L = 4.8 mm)	horizontal	Black	flange with through holes	2576-X-2200-A-200A	6160.0021
Blade terminal (2.8 x 0.8 mm)	horizontal	Black	flange with through holes	2576-X-7700-A-200A	6160.0022
long solder terminal (L = 8.5 mm)	vertical	Black	flange with through holes	2576-X-3300-A-200B	6160.0028
PCB-terminal long (additional solder terminal)	horizontal	Black	flange with through holes	2576-X-6600-A-200A	6160.0058

The listed variants should be available from stock. Other versions on request [www.schurter.com/contact](http://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** 100 Pcs

Mating Outlets/Connectors

Category / Description



[Power Cord Overview complete](#)

Cord Sets 2.5 A, IEC Connector, Black, 2.0 m, H03VVH2-F 2x0,75mm2, Connector IEC C7, H05VVH2-F 2x0.75 mm2 2m BLK, black	6013.0474
Cord Sets 2.5 A, IEC Connector, Black, 4.0 m, H03VVH2-F 2x0,75mm2, Connector IEC C7, H05VVH2-F2G0.75, black	6013.0478



[Power Supply Cord Overview complete](#)

Cord Sets 2.5 A, North America, Black, 2.0 m, SVT 2x18AWG, Connector IEC C7, NISPT-2, black	6010.5274
Cord Sets 2.5 A, North America, Black, 4.0 m, SVT 2x18AWG, Connector IEC C7, NISPT-2, black	6010.5278

PHASE

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Authorized Distributor

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[6160.0022](#) [6160.0023](#) [6160.0021](#)