

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



See below:

Approvals and Compliances

Description

- Panel mount :
Screw-on mounting , front or rear-side
- Appliance Inlet , Pin temperature 70 °C , Protection class II
- Solder, Quick Connect or 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](#)

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
Ratings UL/CSA	2.5 A / 250 VAC; 60 Hz
Dielectric Strength	> 4 kVAC between L-N > 2 kVAC between L/N-PE (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 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

Appliance inlet/-outlet	C8 acc. to IEC 60320-1 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 2.5 A, Protection Class 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: 2576

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	VDE Certificate Number: 40034368
	UL Approvals	UL	UL File Number: E96454
	CSA Approvals	CSA	CSA Certification Record: 27324


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 498	Standard for Attachment Plugs and Receptacles
	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices





Application standards

Application standards where the product can be used

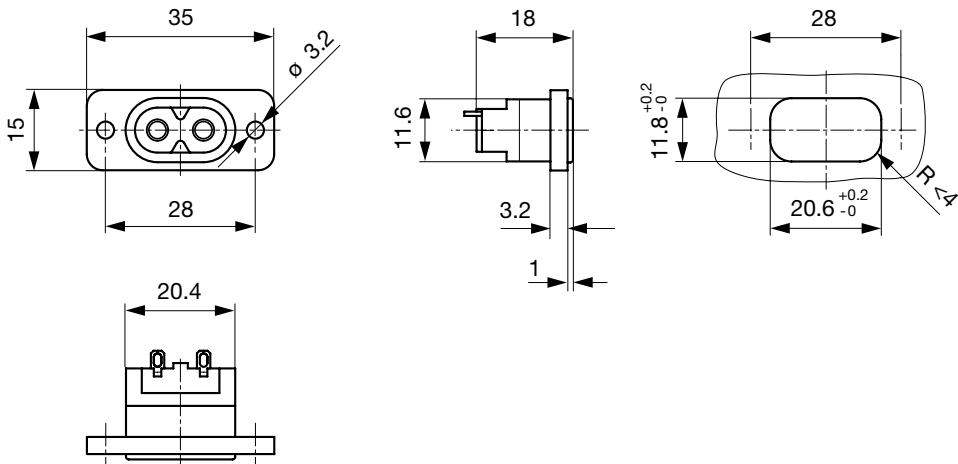
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.

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.
	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







Type	Configuration key
protection class II	X

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

Terminal L		Configuration key
short solder terminal (L = 4.8 mm)		2
long solder terminal (L = 8.5 mm)		3

Terminal L

Configuration key

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

Dimension "S"

Configuration key

00	
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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

Most Popular.

Availability for all products can be searched real-time: <https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

Packaging unit

100 Pcs

Accessories

Description



[Retainer](#)
Retainer for power supply cord

Mating Outlets/Connectors

Category / Description

[Power Cord Overview complete](#)



Cord Sets 2.5 A, IEC Connector, Black, 2.0 m, H03VVH2-F 2x0,75mm ² , Connector IEC C7, 001500 mm, H03VVH2-F2G0.75, black	6013.0474
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Cord Sets 2.5 A, IEC Connector, Black, 4.0 m, H03VVH2-F 2x0,75mm ² , Connector IEC C7, 001500 mm, H05VVH2-F2G0.75, black	6013.0478
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[Power Cord further types to 2576](#)

[Power Supply Cord Overview complete](#)



Cord Sets 2.5 A, North America, Black, 2.0 m, SVT 2x18AWG, Connector IEC C7, 002500 mm, NISPT-2, black	6010.5274
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Cord Sets 2.5 A, North America, Black, 4.0 m, SVT 2x18AWG, Connector IEC C7, 002500 mm, NISPT-2, black	6010.5278
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[Power Supply Cord further types to 2576](#)

Mouser Electronics

Authorized Distributor

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Schurter:

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