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 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 datasheet, html-datasheet, General Product Information, 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 IP 20 acc. to IEC 60529
Insulation cover	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

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals

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
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
UL	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
CSA Group	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

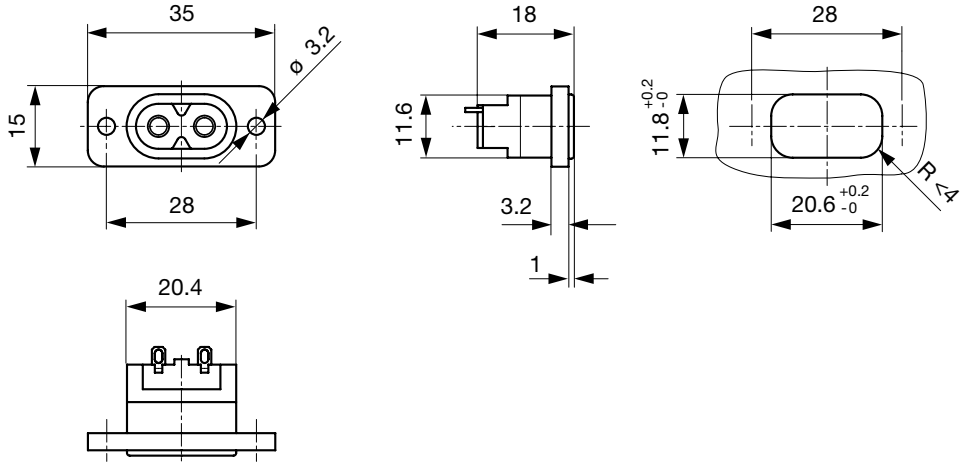
Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

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	EU Directive RoHS 2011/65/EU
50	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.

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
PCB-terminal short (additional solder terminal)		5

Terminal L		Configuration key
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

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 listet 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 2x0,75mm2, Connector IEC C7, 001500 mm, H03VVH2-F2G0.75, black	6013.0474
	Cord Sets 2.5 A, IEC Connector, Black, 4.0 m, H03VVH2-F 2x0,75mm2, Connector IEC C7, 001500 mm, H05VVH2-F2G0.75, black	6013.0478
	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
	Cord Sets 2.5 A, North America, Black, 4.0 m, SVT 2x18AWG, Connector IEC C7, 002500 mm, NISPT-2, black	6010.5278
	Power Supply Cord further types to 2576	

03.10.2018

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.