IEC Appliance Inlet C8, insert Mounting, Solder, PCB or Quick-connect Terminal

C8

70° C

See below:
Approvals and Compliances

Description
Drop-in type
- Appliance Inlet , Pin temperature 70 °C , Protection class II
- Solder, Quick Connect or PCB Terminal

Characteristics
- Contact pins are turned from solid material

References
We recommend for new applications the type   0720-FP

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	7 A / 125 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
Terminal	Solder, Quick Connect or PCB Terminal straight
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: 2572

Approval Logo	Certificates	Certification Body	Description
VDE	VDE Approvals	VDE	VDE Certificate Number: 40002274
UL	UL Approvals	UL	UL File Number: E96454
CSA	CSA Approvals	CSA	CSA Certification Record: 27324
CCC	CQC Approvals	CQC	CCC Certificate Number:

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
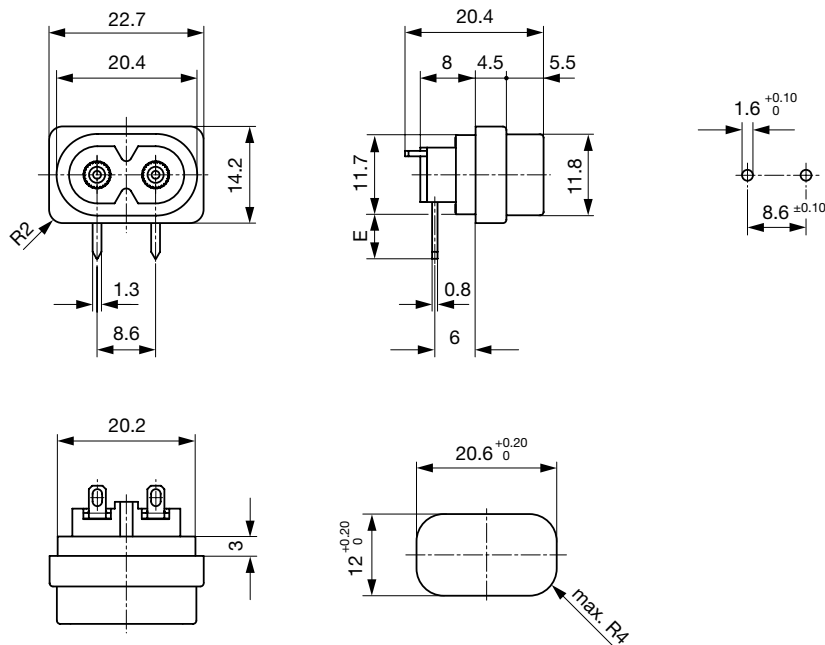
Application standards where the product can be used

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

Compliances
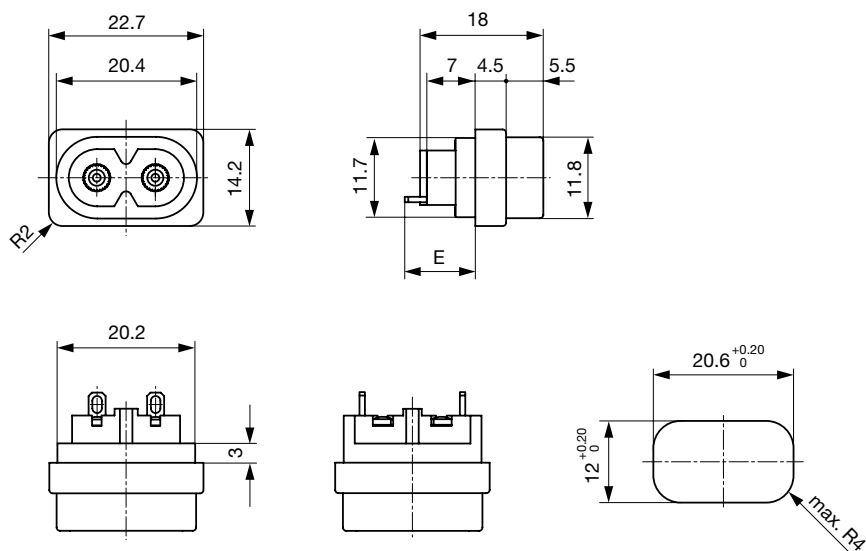
The product complies with following Guide Lines

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]

E = PCB terminal standard (additional solder): 6.8 mm
E = PCB terminal short (additional solder): 0.6 mm
E = PCB terminal long (additional solder): 15.8 mm
E = PCB terminal standard: 6.5 mm
E = PCB terminal short: 5.0 mm
E = PCB terminal long: 7.6 mm

Quick connect or solder terminal in orientation A (horizontal) or B (vertical)

E = Solder terminal short: 10.5 mm
E = Solder terminal long: 14.2 mm
E = Quick-connect terminal 2.8x0.8 mm: 16.5 mm
E = Quick-connect terminal 4.8x0.8 mm: 15.0 mm (only orientation B)

Config. Code

2572 - H - A B C 0- D - E G F

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

2572 - **H** - A B C 0- D - E G F = **Type**

Type	Configuration key
protection class II	X

2572 - 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 standard (additional solder terminal)		4
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
Blade terminal (4.8 x 0.8 mm)		8
PCB-terminal (standard)		A
PCB-terminal (short)		B
PCB-terminal (long)		C

2572 - 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 standard (additional solder terminal)	4
PCB-terminal short (additional solder terminal)	5
PCB-terminal long (additional solder terminal)	6
Blade terminal (2.8 x 0.8 mm)	7
Blade terminal (4.8 x 0.8 mm)	8
PCB-terminal (standard)	A
PCB-terminal (short)	B
PCB-terminal (long)	C

Symbols similar as in table A

2572 - H - A B **C** 0 - D - E G F = **Terminals**

Terminal Ground	Configuration key
without terminal	0

Symbols similar as in table A

2572 - H - A B C 0 - **D** - E G F = **Color**

Color	Configuration key
Black	A
Grey	B
White	D

2572 - H - A B C 0 - D - **E** G F = **Style**

Style	Configuration key
insert type	5

2572 - 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

2572 - 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	insert type	2572-X-2200-A-500A	6160.0008	▮
PCB-terminal short (additional solder terminal)	horizontal	Black	insert type	2572-X-5500-A-500A	6160.0009	
PCB-terminal long (additional solder terminal)	horizontal	Black	insert type	2572-X-6600-A-500A	6160.0010	
Blade terminal (4.8 x 0.8 mm)	vertical	Black	insert type	2572-X-8800-A-500B	6160.0026	
PCB-terminal (long)	horizontal	Black	insert type	2572-X-CC00-A-500A	6160.0030	
PCB-terminal (short)	horizontal	Black	insert type	2572-X-BB00-A-500A	6160.0044	

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

Wire Harness
Wire harness for SCHURTER products

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 2572

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 2572