

IEC Appliance Inlet C6, insert Mounting, Front or Rear Side, Solder, PCB or Quick-connect Terminal



with optional retaining bracket
 from front side
 The optional retaining bracket has to be ordered
 separately
 with optional retaining bracket

from rear side



See below:
[Approvals and Compliances](#)

Description

- Drop-in type
- Appliance Inlet , Pin temperature 70 °C Protection class I
- The optional retaining bracket has to be ordered separately: 4700.0023
- Solder, Quick Connect or PCB Terminal

Characteristics

- Contact pins are turned from solid material

References

We recommend for new applications the type [0724](#)

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	C6 acc. to IEC 60320-1
Ratings UL/CSA	7 A / 125 VAC; 60 Hz		UL 60320-1, CSA C22.2 no. 60320-1-11 (for cold conditions) pin-temperature 70 °C, 2.5 A, Protection Class I
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 I acc. to IEC 61140		
Material: Housing	PA6, black, 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: 2563

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	VDE Certificate Number: 40002273
	UL Approvals	UL	UL File Number: E96454


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 60320-1	Standard for Attachment Plugs and Receptacles
	Designed according to	CSA C22.2 no. 60320-1-11	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.

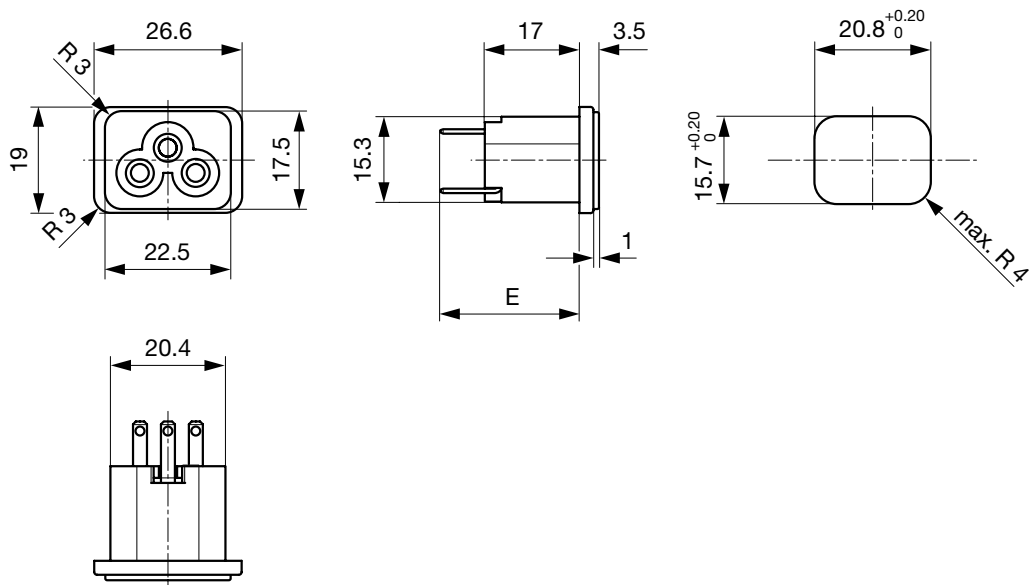
Compliances

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]

Solder/quick connect terminals

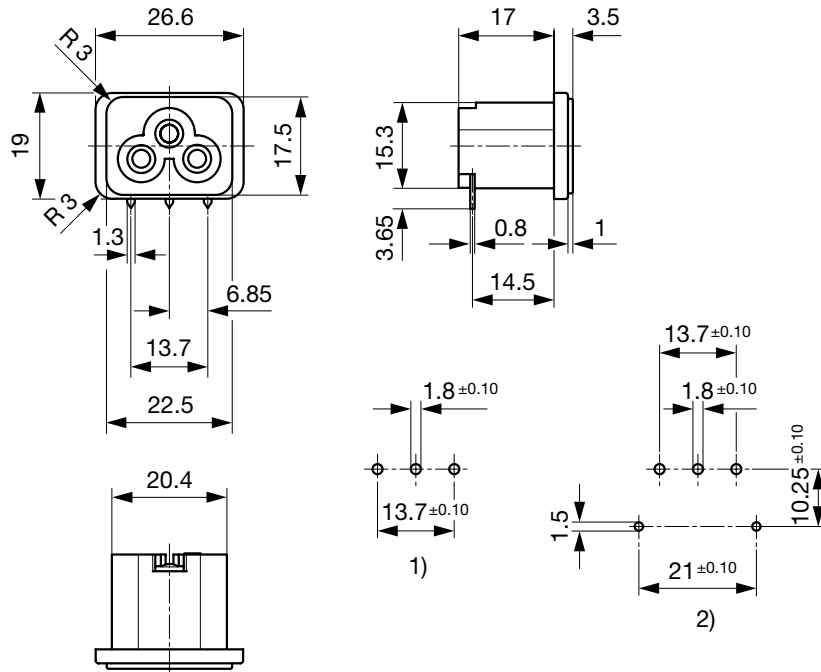


E: Solder terminals short: 18.9 mm

E: Solder terminals long: 22.6 mm


E: Quick connect terminals 2.8x0.8 mm: 24.9 mm

PCB



- 1) without retaining bracket
- 2) with retaining bracket

2	5	6	3	-	X	-	4	4	4	0	-	A	-	5	00
					1		2	3	4		5			6	7

Version  1


Application inlet C6 = X

Terminal L  2

Solder, L = 4.8mm = 2

PCB = 4

Quick connect 2.8x0.8 = 7

Terminal N  3

Solder, L = 4.8mm = 2

PCB = 4

Quick connect 2.8x0.8 = 7

Terminal PE  4


Solder, L = 4.8mm = 2

PCB = 4


Quick connect 2.8x0.8 = 7

Colour  5

black = A


Mounting  6

Insert = 5

Customer spec. Types  7

Standard = 00

All Variants

Terminals L / N	Terminal Ground	Config. Code	Order Number
PCB-terminal standard (additional solder terminal)	PCB-terminal standard (additional solder terminal)	2563-X-4440-A-5	6160.0003 

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

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[6160.0003](#)