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





# Description

- Panel mount :
- Screw-on mounting , Front Side
- 1 Function :
- Appliance Inlet, Pin temperature 70 °C Protection class I
- Solder / Quick Connect / PCB Terminal

#### See below: Approvals and Compliances

## **Characteristics**

- Contact pins are turned from solid material
- This appliance inlet meets the enhanced glow-wire test requirements according to IEC 60695-2-12 and -13
- Suitable for use in unattended household appliances according to IEC 60335-1

## References

We recommend for new applications the type

## Weblinks

pdf data sheet, html datasheet, General Product Information, Approvals, Distributor-Stock-Check, Accessories, Detailed request for product

## **Technical Data**

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Ratings IEC	2.5 A / 250 VAC; 50 Hz	Appliance inlet/-outlet	C6 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	> 4 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50 Hz)		(for cold conditions) pin-temperature 70 °C, 2.5 A, Protection Class I
Allowable Operation Tempe- rature	-25 °C to 70 °C		
IP-Protection	front side IP20 acc. to IEC 60529		
Protection against electric	Suitable for appliances with protection		
shock	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

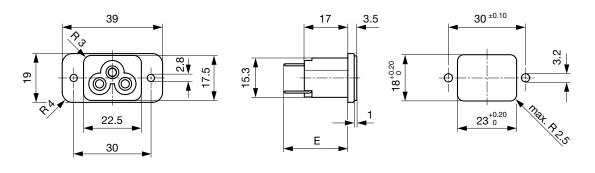
The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products. Approval Reference Type: 2562

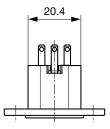
Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	VDE Certificate Number: 40034393
c <b>SU</b> <sup>®</sup> us	UL Approvals	UL	UR File Number: E96454

Organization	Design	Standard	Description
IEC	Designed according to	IEC/EN 60320-1	Appliance couplers for household and similar general purposes
<b>!</b>	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
Group	Designed according to	CSA C22.2 no. 60320-1	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices
Application sta	Indards		
Application stand	ards where the product can be used		
Organization	Design	Standard	Description
IEC	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
IEC	Suitable for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13.
-	plies with following Guide Lines		
-	plies with following Guide Lines <b>Details</b>	Initiator	Description
The product com	Ŭ,	<b>Initiator</b> SCHURTER AG	<b>Description</b> 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.
	Details		The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on
The product com Identification	Details 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. The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC)
The product com Identification	Details CE declaration of conformity UKCA 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. The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
The product com	Details CE declaration of conformity UKCA declaration of conformity RoHS	SCHURTER AG SCHURTER AG 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. The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March

## **Dimensions** [mm]

Solder/quick connect terminals

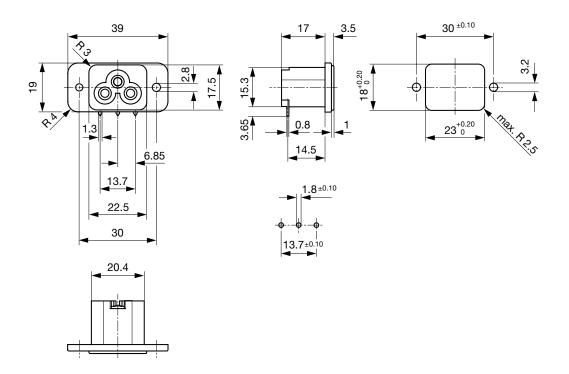




E: Solder terminals short: 18.9 mm E: Solder terminals long: 22.6 mm

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

PCB



# Order number key

order number key		
2 5 6 2 - X - 2 2 2 1	0 - A	- 2 00
1 2 3 4	5	6 7
		<b>0</b>
Version		Q 1
Appliance inlet C6	=	Х
Terminal L		Q 2
Solder, L= 4.8mm	=	2
PCB	=	4
Quick Connect 2.8x0.8	=	7
Terminal N		Q 3
Solder, L= 4.8mm	=	2
PCB	=	4
Quick Connect 2.8x0.8	=	7
Terminal PE		Q 4
Solder, L= 4.8mm	=	2
PCB	=	4
Quick Connect 2.8x0.8	=	7
Colour		S 5
Black	=	А
Mounting		<b>Q</b> 6
Screw, Through Hole	=	2
Customer spec. Types		Q 7
Standard	=	00

## Variants

Terminals L / N	Terminal Ground	Config. Code	Order Number
PCB-terminal standard (additional solder terminal)	PCB-terminal standard (additional solder terminal)	2562-X-4440-A-200	6160.0002
Solder terminals L=4.8 mm	Solder terminals L=4.8 mm	2562-X-2220-A-200	6160.0034
Quick connect terminal short (2.8 x 0.8 mm)	Quick connect terminal short (2.8 x 0.8 mm)	2562-X-7770-A-200	6160.0081

The listed variants should be available from stock. Other versions on request 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

50 Pcs