#### IEC Appliance Inlet C6, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal





See below:

**Approvals and Compliances** 

C	Description
-	Panel moun

- Snap-in version, Front Side
- Appliance Inlet , Pin temperature 70 °C Protection class I
- Solder or Quick Connect Terminal

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- Contact pins are turned from solid material

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 I acc. to IEC 61140
Panel Thickness S	Snap-in version 1/1.5/2/2/2.5 mm
Material: Housing	PA6, black, UL 94V-0

Appliance inlet/-outlet	C6 acc. to IEC 60320-1
	UL 498, CSA C22.2 no. 42 (for cold
	conditions) pin-temperature 70 °C,
	2.5 A, Protection Class I

#### **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: 2565

Approval Logo	Certificates	Certification Body	Description
© <sup>V</sup> E	VDE Approvals	VDE	VDE Certificate Number: 40002273
<b>%</b>	UL Approvals	UL	UL File Number: E96454
c ⊕ us	CSA Approvals	CSA	CSA Certification Record: 27324

#### **Product standards**

Product standards that are referenced

Organization	Design	Standard	Description
<u>IEC</u>	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
(VL)	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

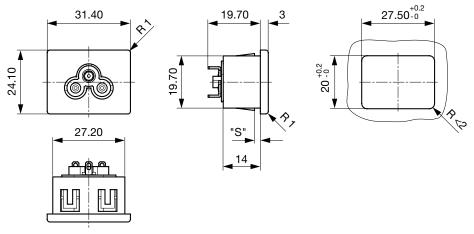
Organization	Design	Standard	Description
<u>IEC</u>	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.

#### Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
C€	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	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
<b>5</b>	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]



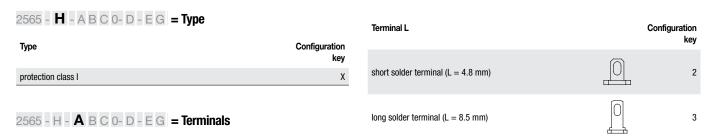
Length of the terminal please find at the order code configuration table

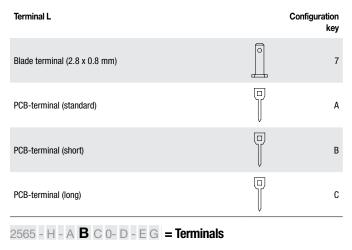
Dimension "S" please ref. to table order code

# Config. Code

# 2565 - H - A B C 0- D - E G

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





Terminal N	Configuration key
short solder terminal ( $L = 4.8 \text{ mm}$ )	2
long solder terminal ( $L = 8.5 \text{ mm}$ )	3
Blade terminal (2.8 x 0.8 mm)	7
PCB-terminal (standard)	Α
PCB-terminal (short)	В
PCB-terminal (long)	С
Symbols similar as in table A	
2565 - H - A B <b>C</b> 0- D - E G <b>= Terminals</b>	

Terminal Ground	Configuration key
short solder terminal (L = 4.8 mm)	2
long solder terminal (L $= 8.5 \text{ mm}$ )	3
Blade terminal (2.8 x 0.8 mm)	7
Symbols similar as in table A  2565 - H - A B C 0- <b>D</b> - E G <b>= Color</b>	
Color	Configuration key
Black	Α
2565 - H - A B C 0- D - <b>E</b> G = <b>Style Style</b>	Configuration key
snap-in (s=panel thickness)	4
2565 - H - A B C 0- D - E <b>G</b> = <b>Dimension S</b>	
Dimension "S"	Configuration key
10	
15	
20	
25	

The dimension "S" is displayed in (1/10 mm). This information is also valid for the

### **All Variants**

Terminals L / N	Terminal Ground	Panel Thickness s [1/10 mm]	Config. Code	Order Number
Blade terminal (2.8 x 0.8 mm)	Blade terminal (2.8 x 0.8 mm)	20	2565-X-7770-A-420	6160.0040
short solder terminal ( $L = 4.8 \text{ mm}$ )	short solder terminal (L = 4.8 mm)	20	2565-X-2220-A-420	6163.0015
short solder terminal ( $L = 4.8 \text{ mm}$ )	short solder terminal (L = 4.8 mm)	25	2565-X-2220-A-425	6163.0021

order code

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/Stock-Check/Stock-Check-SCHURTER

Packaging unit 50 Pcs

# **Mating Outlets/Connectors**

Category / Description



Power Supply Cord Overview complete

Cord Sets 2.5 A, Europlug, 2.0 m, Connector IEC C5, H05VV-F3G0.75, black

6052.0042

Power Supply Cord further types to 2565

# **ПОСТАВКА** ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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# http://moschip.ru/get-element

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