Connectors (Inlets/Outlets) https://www.schurter.com /PG07

IEC Appliance Inlet C16A, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal



6120-5



Description

- Panel mount :
- Snap-in version front side
- 1 Function
- Appliance Inlet , Pin temperature 155 °C , Protection class I
- Solder / Quick Connect

See below: Approvals and Compliances

Other versions on request

- Other panel thickness
- Quick connect terminals 4.8 x 0.8 mm
- Types for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 for the use in unattended household equipment acc. IEC 60335-1

References

Last order date: 31.01.2024 Last order date: 01.01.9999

Weblinks

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

Technical Data

Technical Data			
Ratings IEC Ratings UL/CSA	10A / 250VAC; 50Hz 15A / 250VAC: 60Hz	Appliance inlet/-outlet	C16A acc. to IEC 60320-1, UL 60320-1. CSA C22.2 no. 60320-1
Dielectric Strength	> 2 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50 Hz)		(for very hot conditions) pin-temperature 155 °C, 10A, Protection Class I
Allowable Operation Tempe- rature	-25 °C to 155 °C		
IP-Protection	front side IP30 acc. to IEC 60529		
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140		
Terminal	Solder / Quick Connect		
Panel Thickness S	Snap-in: 1.5/2.5/3 mm		
Material: Housing	Thermoplastic, 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: 6120

Approval Logo	Certificates	Certification Body	Description
10	VDE Approvals	VDE	Certificate Number: 40015595
	UL Approvals	UL	UR File Number: E96454
	CCC Approvals	CCC	CCC Certificate Number: 2014010204726618

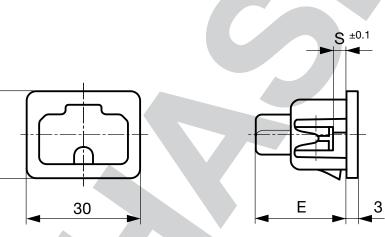
6120-5

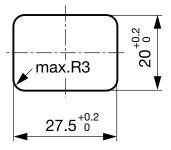
Product standa	ards		
Product standards	s that are referenced		
Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
۹L	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
Group CSA	Designed according to	CSA C22.2 no. 60320-1	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices
Application sta	ndards		
••	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
Compliances			
•	olies 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.
JK	UKCA declaration of conformity	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
ROHS	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
0	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]

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E: Solder terminals: 22.5 mm E: Quick connect terminals: 25.5 mm S: 1.5, 2.5, 3.0 mm

Variants

Туре	Panel mounting	Panel Thickness s [mm]	Terminal	Order Number
6120-5	Snap-in	1.5	Solder terminals 3.8 x 0.8 mm	6120.5115
6120-5	Snap-in	2.5	Solder terminals 3.8 x 0.8 mm	6120.5125
6120-5	Snap-in	3	Solder terminals 3.8 x 0.8 mm	6120.5130
6120-5	Snap-in	1.5	Quick connect terminals 6.3 x 0.8 mm	6120.5315
6120-5	Snap-in	2.5	Quick connect terminals 6.3 x 0.8 mm	6120.5325
6120-5	Snap-in	3	Quick connect terminals 6.3 x 0.8 mm	6120.5330

Туре	Panel mounting	Panel Thickness s [mm]	Terminal	Order Number
ability for all proc	ducts can be searched	d real-time: https://www.schurt	ter.com/en/info-center/suppo	rt-tools/stock-check-distribu-
for enhancec e suitable for t	d glow wire test require the use in unattended	ements acc. IEC 60695-2-12 a household equipment acc. IE	and -13 can be ordered with 6 C 60335-1.	ending ".15" (xxxx.xxxx.15).
Packaging unit		50 Pcs		
		C		