IEC Appliance Inlet C14, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal



6100-4

Description

- Panel mount : Snap-in version front side
- 1 Function:
- Appliance Inlet , Pin temperature 70 °C , Protection class I
- Solder / Quick Connect

See below:

Approvals and Compliances

Other versions on request

- Other panel thickness
- 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

Alternative: protection class II version 6102-5; 6102-5 Alternative: version with line filter 5110; 5120

Weblinks

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

Technical Data	
Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 2 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °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: 1/1.2/1.5/2/2.5/3 mm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance inlet/-outlet	C14 acc. to IEC 60320-1,
	UL 60320-1, CSA C22.2 no. 60320-1
	(for cold conditions) pin-temperature 70
	°C, 10A, 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: 6100

Approval Logo	Certificates	Certification Body	Description
10	VDE Approvals	VDE	Certificate Number: 40015595
c FU °us	UL Approvals	UL	UL File Number: E96454
(1)	CCC Approvals	CCC	CCC Certificate Number:

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
(UL)	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 60320-1	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

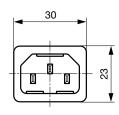
Organization	Design	Standard	Description
<u>IEC</u>	Designed for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
<u>IEC</u>	Designed for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar 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.

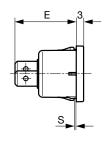
Compliances

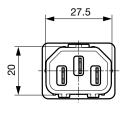
The product complies with following Guide Lines

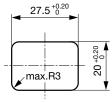
The product compi	ics with following datac Lines		
Identification	Details	Initiator	Description
C€	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
UK CA	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
©	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.
00	White Paper Glow wire test	SCHURTER AG	Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 &-13.

Dimensions [mm]









E: Solder terminals 22.5 mm E:Quick connect terminals 25.5 mm S: 1.0, 1.2, 1.5, 2.0, 2.5, 3.0 mm

All Variants

Туре	Protection Class	Panel mounting	Panel Thickness s [mm]	Terminal	Order Number
6100-4	I	Snap-in	1	Quick connect terminals 4.8 x 0.8 mm	6100.4210
6100-4	I	Snap-in	1.2	Quick connect terminals 4.8 x 0.8 mm	6100.4212
6100-4	I	Snap-in	1.5	Quick connect terminals 4.8 x 0.8 mm	6100.4215
6100-4	1	Snap-in	1.6	Quick connect terminals 4.8 x 0.8 mm	6100.4216
6100-4	I	Snap-in	2	Quick connect terminals 4.8 x 0.8 mm	6100.4220
6100-4	1	Snap-in	2.5	Quick connect terminals 4.8 x 0.8 mm	6100.4225
6100-4	I	Snap-in	3	Quick connect terminals 4.8 x 0.8 mm	6100.4230
6100-4	1	Snap-in	1	Quick connect terminals 6.3 x 0.8 mm	6100.4310
6100-4	I	Snap-in	1.2	Quick connect terminals 6.3 x 0.8 mm	6100.4312
6100-4	1	Snap-in	1.5	Quick connect terminals 6.3 x 0.8 mm	6100.4315
6100-4	I	Snap-in	2	Quick connect terminals 6.3 x 0.8 mm	6100.4320
6100-4	1	Snap-in	2.5	Quick connect terminals 6.3 x 0.8 mm	6100.4325
6100-4	I	Snap-in	3	Quick connect terminals 6.3 x 0.8 mm	6100.4330
6100-4	1	Snap-in	1	Solder terminals 3.8 x 0.8 mm	6100.4110
6100-4	I	Snap-in	1.2	Solder terminals 3.8 x 0.8 mm	6100.4112
6100-4	I	Snap-in	1.5	Solder terminals 3.8 x 0.8 mm	6100.4115
6100-4	I	Snap-in	2	Solder terminals 3.8 x 0.8 mm	6100.4120
6100-4	I	Snap-in	2.5	Solder terminals 3.8 x 0.8 mm	6100.4125
6100-4	I	Snap-in	3	Solder terminals 3.8 x 0.8 mm	6100.4130

Most Popular.

A vailability for all products can be searched real-time: https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered with ending ".15" (xxxx.xxxx.15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

Packaging unit

50 Pcs

Accessories

Description



Wire Harness Wire harness for SCHURTER products



Assorted Covers Rear Cover

> 0859.0048 4311.9401 4311.9402



Rear Cover for Power Entry Module

Description



Cord retaining kits Cord retaining strain relief

4700.0003 Countersunk, C

Mating Outlets/Connectors

Category / Description

Appliance Outlet Overview complete



4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I	4787
4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder / Quick Connect, 10 A, Suitable for appliances with protection class I	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091

Connector Overview complete



4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 4785 4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 4300-06	4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 4300-06	, ,	4785
	, ,	4300-06
	4781 Mounting: Power Cord, Cable, Connector: IEC C15	4781
4784 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C15		4784