

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



6100-4



See below:

### Approvals and Compliances

#### Description

- Panel mount :
- Snap-in version from front side
- 1 Function :
- Appliance Inlet , Pin temperature 70 °C , Protection class I
- Solder terminals or quick connect terminals

#### 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](#)  
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	10 A / 250VAC; 50Hz
Ratings UL/CSA	15 A / 250VAC; 60Hz
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	from front side IP30 acc. to IEC 60529
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Solder terminals or quick connect terminals
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
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### 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
	<a href="#">VDE Approvals</a>	VDE	Certificate Number: 40015595
	<a href="#">UL Approvals</a>	UL	UL File Number: E96454
	<a href="#">CCC Approvals</a>	CCC	CCC Certificate Number:



**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	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices






**Application standards**

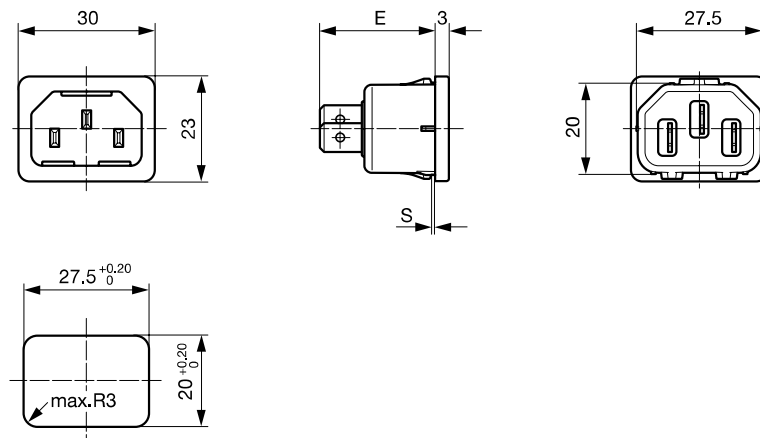
Application standards where the product can be used

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.
	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

Identification	Details	Initiator	Description
	<a href="#">CE declaration of conformity</a>	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.
	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

Type	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	I	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	I	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	I	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	I	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	I	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	I	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.

Availability 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



**Cord retaining kits**  
Cord retaining strain relief

Countersunk, C

4700.0003

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	<a href="#">4787</a>
4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder terminals or quick connect terminals, 10 A, Suitable for appliances with protection class I	<a href="#">4788</a>
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	<a href="#">5091</a>

[Appliance Outlet further types to 6100-4](#)

[Connector Overview complete](#)



4782 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	<a href="#">4782</a>
4785 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	<a href="#">4785</a>
4012 Mounting: Power Supply Cord, 3 x 1 mm <sup>2</sup> , Screw clamps, Connector: IEC C13	<a href="#">4012</a>
4300-06 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	<a href="#">4300-06</a>
4781 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C15	<a href="#">4781</a>

[Connector further types to 6100-4](#) ...

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## Schurter:

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[6100.4312](#) [6100.4325](#) [6100.4330](#) [6100.4216](#) [6100.411](#) [6100.412](#) [6100.413](#) [6100.421](#) [6100.422](#) [6100.423](#)  
[6100.4320](#) [6100.433](#) [6100.91](#) [6100.92](#) [6100.93](#) [6100.9100](#) [6100.9300](#) [6100.4210](#) [6100.4220](#) [6100.4120](#)  
[6100.4230](#) [6100.9200](#) [6100.4130](#) [6100.4110](#)