

IEC Appliance Inlet C14 or C18, sandwich Mounting, PCB- or Solder Terminal



Snap-in mounting



Screw-on mounting



See below:

[Approvals and Compliances](#)

Description

- Panel mount :
Snap-in or screw-on mounting on PCB , sandwich or rear-side
- Appliance Inlet , Pin temperature 70 °C , protection class I or II
- V-Lock notch standard
- For PCB mounting

Other versions on request

- With solder terminals angled or parallel to pin axis

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#), [Microsite](#)

Technical Data

Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	15A / 250VAC; 60Hz
Dielectric Strength	> 3kVAC between L-N > 3kVAC between L/N-PE (1 min/50Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	from front side IP 40 acc. to IEC 60529
Insulation cover	Suitable for appliances with protection class I or II acc. to IEC 61140
Terminal	For PCB mounting : Ground terminal: angled to pin axis
Panel Thickness S	Sandwich/rear-side: 1.5/2/2.5/3 mm
Material: Housing	Thermoplastic, black, UL 94V-0

appliance inlet/-outlet	C14 / C18 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 or II
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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](#)

Approvals

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

Approval Reference Type: GSP2

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40012767
	UL Approvals	UL	UL File Number: E96454
	CQC Approvals	CQC	CCC Certificate Number: 2006010204183838

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 60950	IEC 60950-1 includes the basic requirements for the safety of information technology 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 60695-2-12 and -13.

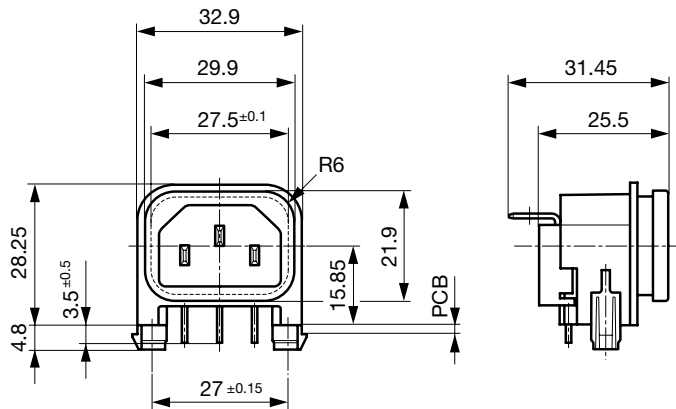
Compliances

The product complies with following Guide Lines

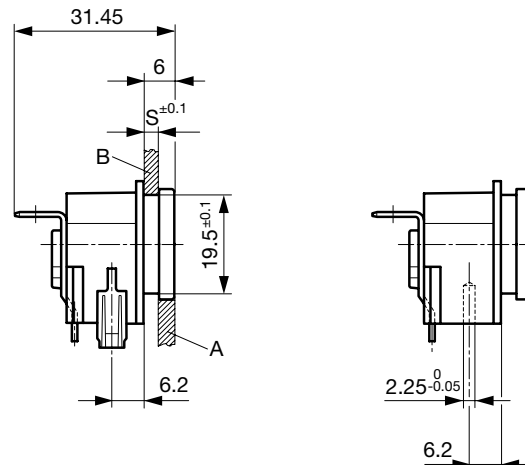
Identification	Details	Initiator	Description
	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
	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.
	MicrositeV-Lock	SCHURTER AG	V-Lock system are based on a matching plug-dose combination. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.
	White paperGlow 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 60695-2-12 and -13.

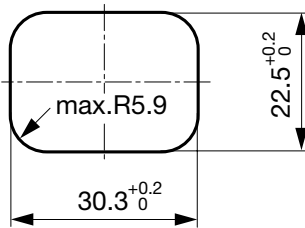
Dimensions [mm]

Snap-in mounting

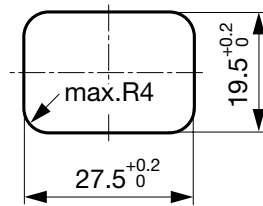


Screw-on mounting





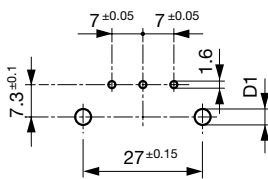
Rear panel mounting



Sandwich mounting

Drilling diagrams

Drilling diagram



d1 = 6 ± 0.05 for Snap-in mounting
d1 = 3.6 ± 0.05 for screw-on mounting
with self-tapping screws
3 mm (EJOT-PT), 2 screws enclosed

All Variants

Protection Class	PCB mounting	Panel Thickness s [mm]	Ground terminal 4.8 x 0.8 mm	Cover	Order Number
I	Snap-in	1.5	angled to pin axis		GSP2.9205.13
I	Snap-in	1.5	angled to pin axis		GSP2.9901.13
I	Snap-in	1	straight		GSP2.9203.11
I	Snap-in	1.2	straight		GSP2.9203.12
I	Snap-in	1.5	straight		GSP2.9203.13
I	Snap-in	1.5	straight		GSP2.9903.13
I	Snap-in	2	straight		GSP2.9203.14
I	Snap-in	2.5	straight		GSP2.9203.15
I	Snap-in	3	straight		GSP2.9203.16
I	Snap-in	1.5	straight	●	GSP2.9213.13
I	Snap-in	2	straight	●	GSP2.9213.14
I	Snap-in	2.5	straight	●	GSP2.9213.15
I	Snap-in	3	straight	●	GSP2.9213.16
I	Screw	1	straight		GSP2.9103.11
I	Screw	1.5	straight		GSP2.9103.13
I	Screw	2	straight		GSP2.9103.14
I	Screw	2.5	straight		GSP2.9103.15
I	Screw	3	straight		GSP2.9103.16
I	Screw	1.5	straight	●	GSP2.9113.13
I	Screw	2	straight	●	GSP2.9113.14
I	Screw	2.5	straight	●	GSP2.9113.15
I	Screw	3	straight	●	GSP2.9113.16
II	Snap-in	1.5	-		GSP2.9200.13
II	Snap-in	2.5	-		GSP2.9200.15
II	Snap-in	1.5	-	●	GSP2.9210.13
II	Snap-in	2	-	●	GSP2.9210.14
II	Snap-in	2.5	-	●	GSP2.9210.15
II	Snap-in	3	-	●	GSP2.9210.16

Protection Class	PCB mounting	Panel Thickness s [mm]	Ground terminal 4.8 x 0.8 mm	Cover	Order Number
II	Screw	1.5	-		GSP2.9100.13
II	Screw	3	-		GSP2.9100.16
II	Screw	2	-	●	GSP2.9110.14
II	Screw	2.5	-	●	GSP2.9110.15

Most Popular.

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

Additional version on request, e.g.: Ground terminal straight or quick-connect terminal 6,3 x 0,8 mm

Packaging unit 50 Pcs

Mating Outlets/Connectors

Category / Description

Connector Overview complete



4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
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
IEC Connector C15 for hot conditions 120°C, Rewireable, Straight	4781
IEC Connector C15 for hot conditions 120°C, Rewireable, Angled	4784

[Connector further types to GSP2](#)

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Interconnection Cord Overview complete



Cord Sets 10 A, Interconnection, 2.0 m, IEC H05VV-F3G1.0, black	6007.0204
Cord Sets 10 A, Interconnection, 1.0 m, Connector IEC C13, H05VV-F3G1.0, black	6007.0212
Cord Sets 10 A, Interconnection, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black	6007.0214

[Interconnection Cord further types to GSP2](#)

Power Supply Cord Overview complete



Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black	6004.0215
Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black	6003.0215
Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black	6000.0224
Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black	6000.0214
Cord Sets 10 A, United Kingdom, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black	6044.0215

[Power Supply Cord further types to GSP2](#)

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Power Supply or Interconnection Cord Overview complete



Cord Sets 10 A, United Kingdom, 2.0 m, Connector IEC H05VV-F3G1.0, black	6044.0204
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[Power Supply or Interconnection Cord further types to GSP2](#)

Mating Outlets/Connectors shuttered



[Power Cord Overview complete](#)

VAC13KS, Overview, diverse Connector IEC C13, cord end:

[VAC13KS](#)

Power cord with IEC connector C17, V-Lock, straight

[VAC17KS](#)

[Power Cord further types to GSP2](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schurter:

<u>GSP2.8201.13</u>	<u>GSP2.9213.13</u>	<u>GSP2.9113.13</u>	<u>GSP2.8101.13</u>	<u>GSP2.000H.13</u>	<u>GSP2.7901.16</u>	<u>GSP2.8001.13</u>
<u>GSP2.8003.13</u>	<u>GSP2.8100.15</u>	<u>GSP2.8103.13</u>	<u>GSP2.810E.13</u>	<u>GSP2.8111.13</u>	<u>GSP2.8113.11</u>	<u>GSP2.8113.13</u>
<u>GSP2.8200.15</u>	<u>GSP2.8201.11</u>	<u>GSP2.8201.15</u>	<u>GSP2.8203.13</u>	<u>GSP2.8203.15</u>	<u>GSP2.820E.13</u>	<u>GSP2.8211.13</u>
<u>GSP2.8211.15</u>	<u>GSP2.8213.13</u>	<u>GSP2.8901.13</u>	<u>GSP2.8903.13</u>	<u>GSP2.9001.13</u>	<u>GSP2.9003.13</u>	<u>GSP2.9100.13</u>
<u>GSP2.9100.16</u>	<u>GSP2.9101.13</u>	<u>GSP2.9103.13</u>	<u>GSP2.9103.14</u>	<u>GSP2.9103.15</u>	<u>GSP2.9103.16</u>	<u>GSP2.9110.13</u>
<u>GSP2.9111.13</u>	<u>GSP2.9113.16</u>	<u>GSP2.9200.14</u>	<u>GSP2.9201.13</u>	<u>GSP2.9201.16</u>	<u>GSP2.9203.13</u>	<u>GSP2.9203.14</u>
<u>GSP2.9203.15</u>	<u>GSP2.9203.16</u>	<u>GSP2.9205.13</u>	<u>GSP2.9203.11</u>	<u>GSP2.9210.13</u>	<u>GSP2.9211.13</u>	<u>GSP2.9213.16</u>
<u>GSP2.9901.13</u>	<u>GSP2.9903.13</u>	<u>GSP2.810C.13</u>				