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

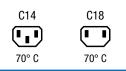
IEC connector C14 or C18

Screw-on mounting

PCB Mounting



Snap-in version Sandwich/rear-side PCB Mounting



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

Technical Data

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Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	15A / 250VAC; 60Hz
Dielectric Strength	> 3 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Tempe- rature	-25°C to 70°C
IP-Protection	from front side IP40 acc. to IEC 60529
Protection against electric shock	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

See below: Approvals and Compliances

Other versions on request

- With solder terminals angled or parallel to pin axis

Weblinks

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

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

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: GSP2

WDE Approvals VDE Certificate Number: 40012767 UL Approvals UL VL	Approval Logo	Certificates	Certification Body	Description
	10	VDE Approvals	VDE	Certificate Number: 40012767
	c AU us	UL Approvals	UL	UL File Number: E96454
CCC Approvals CCC CCC Certificate Number: 2006010204183838		CCC Approvals	CCC	CCC Certificate Number: 2006010204183838

GSP2

Product standards Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
(H)	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
IEC.	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.
IEC.	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.

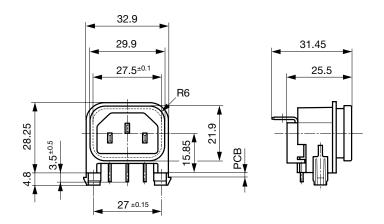
Compliances

The product complies with following Guide Lines

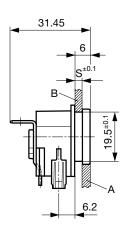
Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
ROHS	RoHS	SCHURTER 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.
V-Lock	Landing Page V-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.
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.

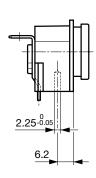
Dimensions [mm]

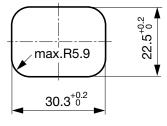
Snap-in mounting

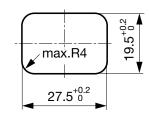


Screw-on mounting







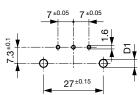


Rear panel mounting

Sandwich mounting

Drilling diagrams

Drilling diagram



 $\begin{array}{l} d1 = 6 \pm 0.05 \text{ for Snap-in mounting} \\ d1 = 3.6 \pm 0.05 \text{ for screw-on mounting} \\ \text{with self-tapping screws} \\ 3 \text{ mm (EJOT-PT), 2 screws enclosed} \end{array}$

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

Protection Class	PCB mounting	Panel Thickness s [mm]	Ground terminal 4.8 x 0.8 mm	Cover	Order Number
I	Snap-in	3	straight	•	GSP2.9213.16
L	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
Ш	Snap-in	2.5	-		GSP2.9200.15
II	Snap-in	1.5	-	•	GSP2.9210.13
II	Snap-in	2	-	•	GSP2.9210.14
Ш	Snap-in	2.5	-	•	GSP2.9210.15
Ш	Snap-in	3	-	٠	GSP2.9210.16
Ш	Screw	1.5	-		GSP2.9100.13
Ш	Screw	3	-		GSP2.9100.16
Ш	Screw	2	-	٠	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 straigt or quick-connect terminal 6,3 x 0,8 mm

Packaging unit 50 Pcs

Mating Outlets/Connectors

Category / Description

Connector Overview complete

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11,			
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4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4012 Mounting: Power Supply Cord, 3 x 1 mm ² , Screw clamps, Connector: IEC C13	4012
4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4781 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C15	4781
Connector further types to GSP2	

Interconnection Cord Overview complete

100	

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	

Category / Description



Power Supply or Interconnection Cord Overview complete Cord Sets 10 A, United Kingdom, 2.0 m, Connector IEC H05VV-F3G1.0, black

Power Supply or Interconnection Cord further types to GSP2

6044.0204

Mating Outlets/Connectors shuttered



Connector Overview complete

4783 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4783
Connector further types to GSP2	



Power Cord Overview complete

VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black	VAC13KS
VAC17KS, V-Lock cord retaining, diverse m, Connector IEC C17, diverse, black / grey / white	VAC17KS
Power Cord further types to GSP2	

13.05.2020