IEC Appliance Inlet C14 or C18, Screw-on Mounting, Rear Side, PCB terminals

V-Lock

C14	C18
70° C	70° C

RoHS COMPLIANT
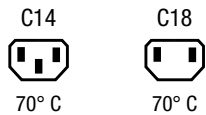
Description
- Panel Mount , Screw-on mounting from rear-side
- 1 Function :

- Appliance Inlet , Pin temperature 70 °C , protection class I or II
- For PCB mounting

Approvals
- Approval Reference Type: GSP1
- VDE Certificate Number: 40012767
- UL File Number: E96454
- CCC File Number: 2006010204183838

Other versions on request
- Ground terminal with quick-connect terminal 6,3 x 0,8 mm
- With solder terminals
- Variant with notch for V-Lock mating Cordsets

Weblinks
pdf datasheet, html-datasheet, General Product Information, RoHS, CHINA-RoHS, REACH, Distributor-Stock-Check, Accessories, Detailed request for product, Microsite
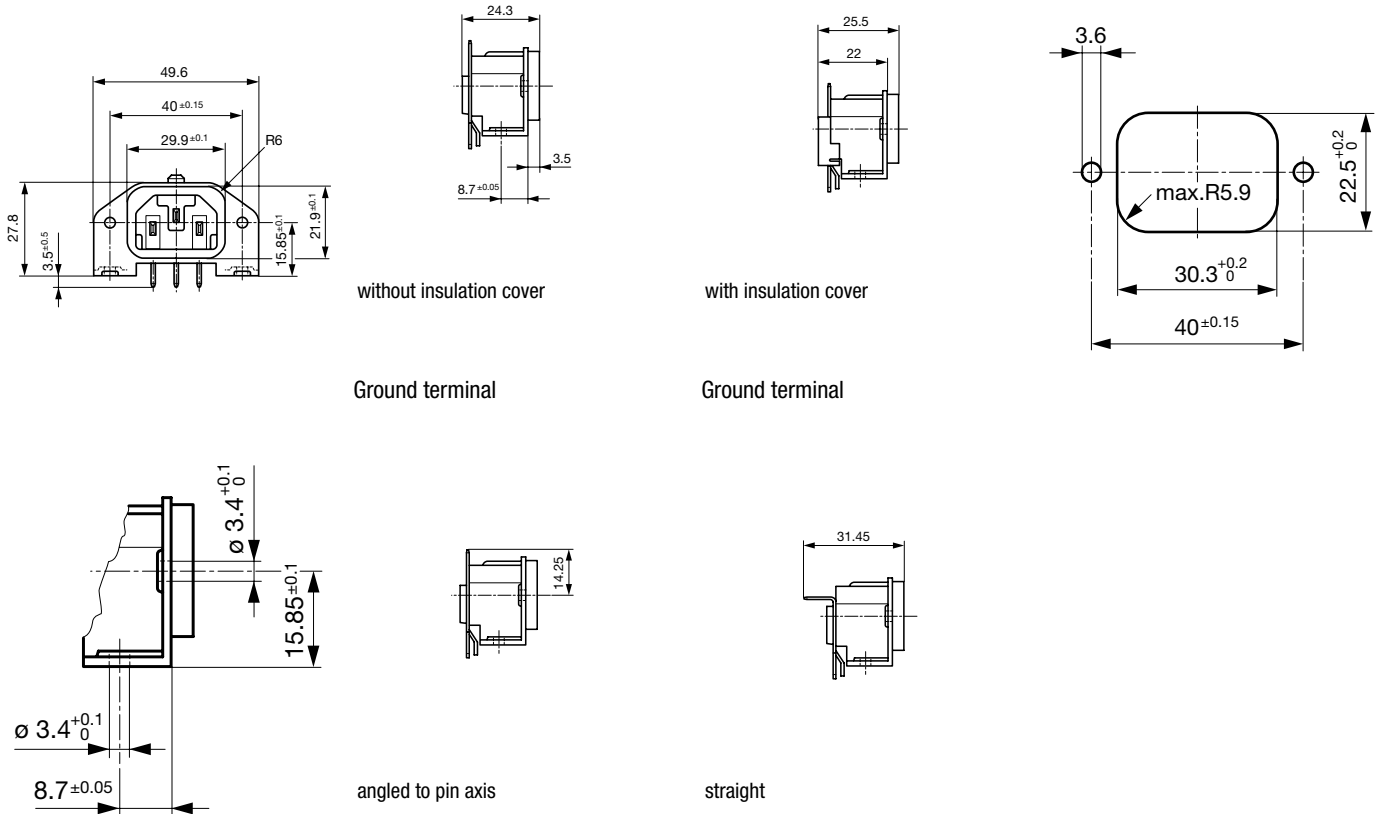
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

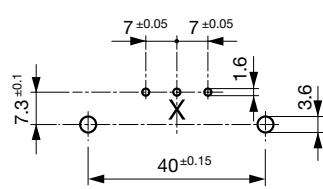|			
Ratings IEC	10 A / 250 VAC; 50 Hz	appliance inlet/-outlet	C14 / C18 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I or II
Ratings UL/CSA	15 A / 250 VAC; 60 Hz		
Dielectric Strength	> 3 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50 Hz)		
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: Quick connect terminals 4.8 x 0.8 mm angled or straight Solder terminal on request		
Panel Thickness s	Screw: max 3 mm Mounting screw torque max 0.5 Nm		
Material: Housing	Thermoplastic, black, UL 94V-0		

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in General Product Information
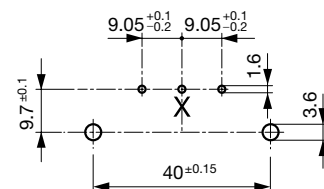
Dimensions

without insulation cover

with insulation cover

Ground terminal

Ground terminal

max.R5.9

angled to pin axis

straight

Drilling diagrams

Variants GSP1.9xxx

X deleted for protection class II

Variants GSP1.8xxx

X deleted for protection class II

All Variants

Protection Class	PCB terminal spacing	Mounting flange with	Ground terminal 4.8 x 0.8 mm	Cover	Order Number
I	7/7.3	PCB side through holes, panel side pre-inserted nuts	straight	●	GSP1.9413.1
I	7/7.3	holes for screws M3	angled to pin axis		GSP1.9101.1
I	7/7.3	holes for screws M3	straight		GSP1.9103.1
I	7/7.3	holes for screws M3	straight	●	GSP1.9113.1
I	7/7.3	holes for self-tapping screws 3mm, 4 screws enclosed	straight		GSP1.9503.1
I	7/7.3	pre-inserted nuts M3, 4 pcs.	straight		GSP1.9203.1
I	7/7.3	pre-inserted nuts M3, 4 pcs.	straight		GSP1.9203.121
I	9.05/9.7	PCB side through holes, panel side pre-inserted nuts	angled to pin axis		GSP1.8401.1
I	9.05/9.7	holes for screws M3	angled to pin axis		GSP1.8101.1
I	9.05/9.7	holes for screws M3	angled to pin axis	●	GSP1.8111.1
I	9.05/9.7	holes for screws M3	straight		GSP1.8103.1
I	9.05/9.7	holes for self-tapping screws 3mm, 2 screws enclosed	angled to pin axis		GSP1.8601.1
I	9.05/9.7	holes for self-tapping screws 3mm, 2 screws enclosed	straight	●	GSP1.8613.1
I	9.05/9.7	holes for self-tapping screws 3mm, 4 screws enclosed	angled to pin axis		GSP1.8501.1
I	9.05/9.7	holes for self-tapping screws 3mm, without screws	angled to pin axis		GSP1.8701.1

Protection Class	PCB terminal spacing	Mounting flange with	Ground terminal 4.8 x 0.8 mm	Cover	Order Number
I	9.05/9.7	pre-inserted nuts M3, 4 pcs.	angled to pin axis		GSP1.8201.1
I	9.05/9.7	pre-inserted nuts M3, 4 pcs.	angled to pin axis	●	GSP1.8211.1
I	9.05/9.7	pre-inserted nuts M3, 4 pcs.	straight		GSP1.8203.1
II	7/7.3	holes for screws M3	-		GSP1.9100.1
II	7/7.3	holes for screws M3	-	●	GSP1.9110.1
II	7/7.3	holes for self-tapping screws 3mm, 4 screws enclosed	-		GSP1.9500.1
II	7/7.3	pre-inserted nuts M3, 4 pcs.	-		GSP1.9200.1
II	9.05/9.7	holes for screws M3	-		GSP1.8100.1
II	9.05/9.7	holes for screws M3	-	●	GSP1.8110.1
II	9.05/9.7	holes for self-tapping screws 3mm, 4 screws enclosed	-		GSP1.8500.1
II	9.05/9.7	pre-inserted nuts M3, 4 pcs.	-		GSP1.8200.1

▍ Most Popular.

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Suffix "21" corresponds to the version with V-Lock mating cordset. 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.

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
4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4022
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
4012 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4012
Connector further types to GSP1	...

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 GSP1	

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 GSP1	...

Power Supply or Interconnection Cord Overview complete

Cord Sets 10 A, United Kingdom, 2.0 m, Connector IEC H05VV-F3G1.0, black	6044.0204
Power Supply or Interconnection Cord further types to GSP1	

Mating Outlets/Connectors shuttered

Power Cord Overview complete

VAC17KS, North America, V-Lock cord retaining, 3.0 m, Connector C17, SJT 2x18 AWG, black	3-101-794
VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, SJT 2x18 AWG, black	6051.2801
VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, SJT 2x18 AWG, white	6051.2811
VAC17KS, United Kingdom, V-Lock cord retaining, 2.0 m, Connector IEC C17, H05VV-F2G1, black	3-101-184
VAC17KS, Switzerland, V-Lock cord retaining, 2.0 m, Connector IEC C17, H05VV-F2G1, black	3-101-185
Power Cord further types to GSP1	...

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