



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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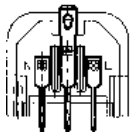
# GSP2 AC Inlets for Snap-in or Screw-on Pcb Mounting



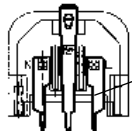
Snap-in



Screw-on



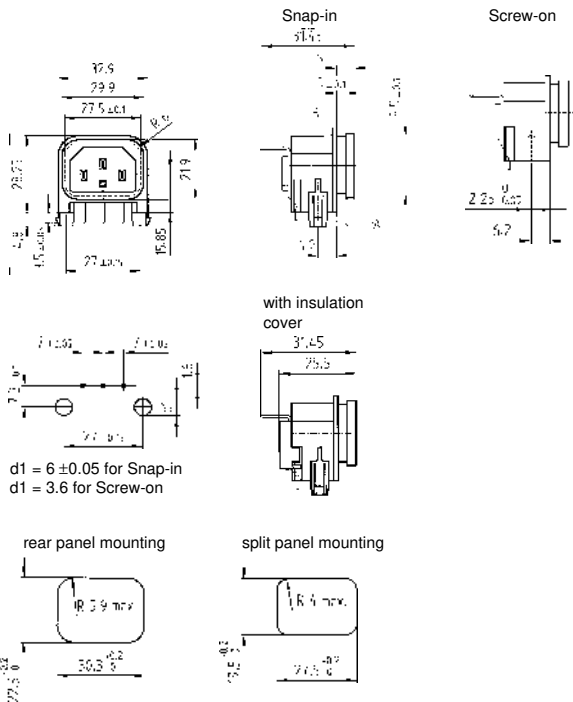
**Former version**  
GSP2.1xxx.x  
GSP2.2xxx.x  
GSP2.3xxx.x  
GSP2.4xxx.x



**Improved version**  
GSP2.6xxx.x  
GSP2.7xxx.x  
GSP2.8xxx.x  
GSP2.9xxx.x

Robust pins for easy pcb mounting

Schurter recommends the use of the improved, robust pin version for existing applications and new designs. The former version will still be available, but will no longer be shown in the catalog.



d1 = 6 ± 0.05 for Snap-in  
d1 = 3.6 for Screw-on

- For "cold" connections 70°C, Protection Class I or II
- Pcb mount with snap-in or screw-on feet (self-tapping screws provided)
- **panel mount from rear or "sandwich" between top and bottom panels for optimum stability (see page 33 for further information)**
- Ground terminal solder / quick-connect 4.8 x 0.8mm or 6.3 x 0.8mm; positioned for access from top or back of connector
- Optional insulation cover for protection against electrical contact
- Material: thermoplastic, polyamid 6.6 (UL 94V-O)  
Terminals: brass, tin and nickel-plated

UL recognition	15A/250V	File #E96454
CSA certification	15A/250V	File #LR38456
VDE approval	10A/250V	File #73753
SEMKO approval	10A/250V	} File numbers on request
SEV approval	10A/250V	



## Order Numbers:

**GSP 2 . X X X X . X X**



Standards: EN60320;  
IEC 320 / C14

### Panel Mounting

- 1 = 1.0mm panel thickness
- 2 = 1.2mm panel thickness
- 3\* = 1.5mm panel thickness
- 4 = 2.0mm panel thickness
- 5 = 2.5mm panel thickness
- 6 = 3.0mm panel thickness

### Color of Housing

- 1\* = black
- 2 = grey

### Ground Terminal

- 0 = protection class II, without ground terminal
- 1\* = protection class I, solder/quick connect 4.8 x 0.8mm, 90° to connector axis
- 2 = same as 1, but not connected with PCB
- 3\* = protection class I, solder/quick connect terminal 4.8 x 0.8mm, in connector axis
- 4 = same as 3, but not connected with PCB
- 5 = protection class I, solder/quick connect terminal 6.3 x 0.8mm, 90° to connector axis
- 6 = same as 5, but not connected with PCB
- 7 = protection class I, solder/quick connect terminal 6.3 x 0.8mm, in connector axis
- 8 = same as 7, but not connected with PCB
- A = protection class I, solder terminals, no PCB terminals
- B = protection class I, quick connect terminals 4.8 x 0.8mm, no PCB terminals
- C = protection class I, solder terminals, 90° to the connector axis
- D = same as C, but not connected with PCB
- E = protection class I, solder terminals, in connector axis
- F = same as E, but not connected with PCB
- G = protection class I, solder terminals, no PCB terminal
- H = protection class I, solder/quick connect terminal 4.8 x 0.8mm, no pcb terminal

### Insulation Cover

- 0\* = without insulation cover
- 1\* = black insulation cover, mounted \*\*
- 2 = black insulation cover included (separate) \*\*

### Printed Circuit Board Mounting

- 0\* = with 3mm self-tapping screws (screws not included)
- 1\* = with 3mm self-tapping screws (2 screws included)
- 2\* = with snap-in feet for PCB 1.6mm
- 3 = with snap-in feet for PCB 1mm
- 4 = with snap-in feet for PCB 1.2mm
- 5 = with snap-in feet for PCB 1.5mm
- 6 = with snap-in feet for PCB 2mm
- 7 = with snap-in feet for PCB 2.4mm
- 8 = with snap-in feet for PCB 3.2mm
- 9\* = with snap-in feet for PCB 1.6mm, with locking pins 0098.0092, added to secure inlet to PCB

### Terminal Spacing <sup>1)</sup>

- 0 = No PCB terminals
- 6 = type spacings 7/9.7mm
- 7 = type spacings 9.05/7.3mm
- 8\* = type spacings 9.05/9.7mm
- 9\* = type spacings 7/7.3mm

### Basic Specification

GSP2\* = appliance connector for mounting on PCB

<sup>1)</sup> Standard configuration. Contact Schurter for non-standard order minimums.

\*\* For additional insulation cover (spare part only), use order number 0098.0077

<sup>1)</sup> See notes above regarding part number change for improved, robust pins