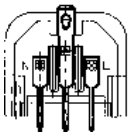
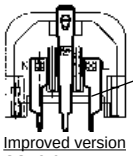
GSP2 AC Inlets for Snap-in or Screw-on Pcb Mounting

Snap-in

Screw-on



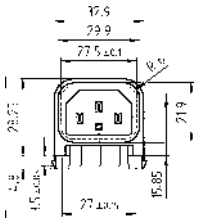
Former version
GSP2.**1**xxx.x
GSP2.**2**xxx.x
GSP2.**3**xxx.x
GSP2.**4**xxx.x

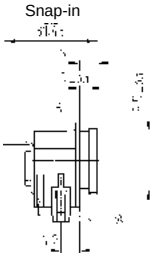


Improved version
GSP2.**6**xxx.x
GSP2.**7**xxx.x
GSP2.**8**xxx.x
GSP2.**9**xxx.x

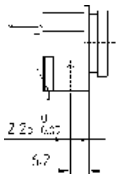
Robust pins for easy pcb mounting

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.

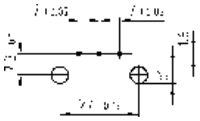




Snap-in

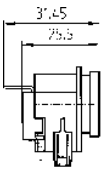


Screw-on

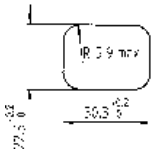


d1 = 6 ±0.05 for Snap-in
d1 = 3.6 for Screw-on

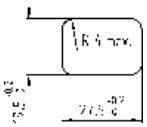
with insulation cover



rear panel mounting



split panel mounting



- 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	

MULTIFIT

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 [1)]
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

*Standard configuration. Contact Schurter for non-standard order minimums.
** For additional insulation cover (spare part only), use order number 0098.0077
1) See notes above regarding part number change for improved, robust pins