

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







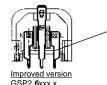








GSP2.2xxx.x GSP2.3xxx.x GSP2.4xxx.x



GSP2.7xxx.x

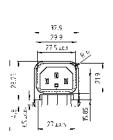
GSP2.8xxx.x

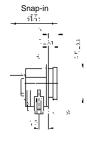
GSP2.9xxx.x

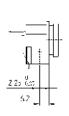
Robust pins for easy pcb

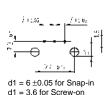
Schurter recommends the use of the improved, robust pin version for existing applications and new designs. The former version will still be available, but will no longer be shown in the catalog.

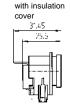
Screw-on

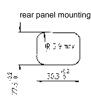














- For "cold" connections 70°C, Protection Class I or II
- Pcb mount with snap-in or screw-on feet (self-tapping screws provided)
- panel mount from rear or "sandwich" between top and bottom panels for optimum stability (see page 33 for further information)
- Ground terminal solder / quick-connect 4.8 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** 15A/250V File #LR38456 certification **VDE** 10A/250V File #73753 approval SEMKO approval 10A/250V File numbers 10A/250V SEV approval on request

# M MULTIFIT

## **Order Numbers:**

GSP 2. X X X X X X X



#### **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
- = same as 1, but not connected with PCB
- = protection class I, solder/quick connect terminal 4.8 x 0.8mm, in connector axis
- same as 3, but not connected with PCB
- = protection class I, solder/quick connect terminal 6.3 x 0.8mm, 90° to connector axis
- same as 5, but not connected with PCB
- protection class I, solder/quick connect terminal 6.3 x 0.8mm, in connector axis
- = same as 7, but not connected with PCB
- = protection class I, solder terminals, no PCB Α terminals
- protection class I, quick connect terminals 4.8 x 0.8mm, no PCB terminals
- protection class I, solder terminals, 90° to the connector axis
- D = same as C, but not connected with PCB
- = protection class I, solder terminals, in connector axis
- = same as E, but not connected with PCB
- = protection class I, solder terminals, no PCB
- = protection class I, solder/quick connect terminal 4.8 x 0.8mm, no pcb terminal

# **Insulation Cover**

- $0^*$  = without insulation cover
- black insulation cover, mounted \*\*
- black insulation cover included (separate) \*\*

## **Printed Circuit Board Mounting**

- with 3mm self-tapping screws (screws not included) with 3mm self-tapping screws (2 screws included)
- with snap-in feet for PCB 1.6mm
- with snap-in feet for PCB 1:0mm with snap-in feet for PCB 1.2mm
- with snap-in feet for PCB 1.5mm
- with snap-in feet for PCB 2mm

- with snap-in feet for PCB 2.4mm
  with snap-in feet for PCB 3.2mm
  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
- = type spacings 7/9.7mm
- = 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>\*</sup>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