SCHURTER

Inlets and outlets

	Pcb Mount with or without flange		EMI shield *NEW*	"Piggy-back" fuse clips, snap in panel, or pcb mount *NEW*	Outlets available ganged in groups of 2, 3, 4, 5, 6, or 7 *NEW*
Series	GSP1 / GSP2	6100 / 6600 / 4300	GRF2	GSF1 / GSF2	0909
Page number	page 9-10	page 11 / 15	page12	page 13/14	page 15
AC inlet	•	•	•	•	
AC outlet		•			•
Snap-in mounting (panel)		•	•	•	•
Screw mounting (panel)	"split-panel" mounting	•		"split-panel" mounting	
Pcb mounting	•	•		•	

Inlets and outlets

PMM *NEW*	Pcb Mount	For "hot" connections	High current	Low current *NEW*	NEMA
Series	KP / 4300	6110 / 6120	6153 / 6653	4300	4300
Page number	page 16	page 17	page 18	page 19	page 20
AC inlet	•	•	•	•	
AC outlet	•		•		•
Snap-in mounting (panel)		•		•	•
Screw mounting (panel)	"split-panel" mounting	•	•	•	
Pcb mounting	•			•	

Plugs and cordsets

	High current *NEW*	High current *NEW*	
Series	4300	4300	4300
Page number	page 22	page 23	page 24-26
AC inlets for cable connection	•		
AC outlets for cable connection		•	
90˚ cable entry	•	•	
Straight cable entry	•	•	
International cordsets			•

GSP1 **AC Inlet for Screw-on PCB Mounting**
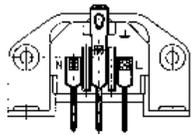
Former version
GSP1.**1**xxx.x
GSP1.**2**xxx.x
GSP1.**3**xxx.x
GSP1.**4**xxx.x
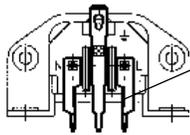
Improved version
GSP1.**6**xxx.x
GSP1.**7**xxx.x
GSP1.**8**xxx.x
GSP1.**9**xxx.x

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.

without insulation cover

with insulation cover
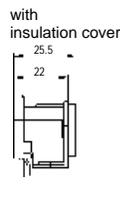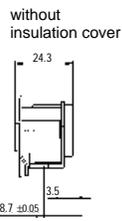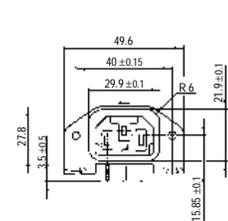
Pin spacings — delete for protection class II

Ground terminals

pos. 1, 2, 5, 6

pos. 3, 4, 7, 8

x = 31.45 (4.8 x 0.8)
32.45 (6.3 x 0.8)
y = 14.25 (4.8 x 0.8)
15.25 (6.3 x 0.8)
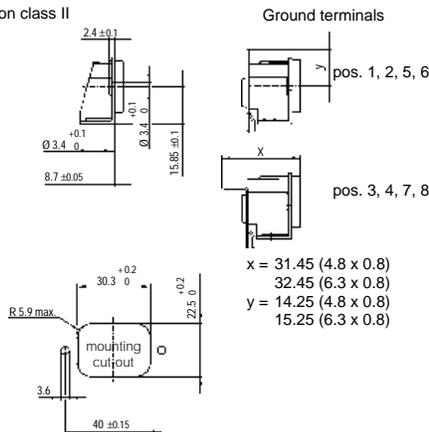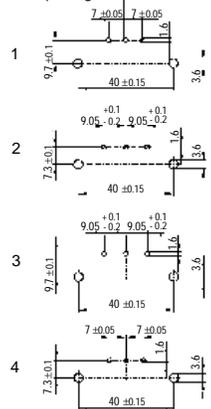
• For "cold" connections 70˚C, Protection Class I or II
• Right-angle pcb mount with flange for
  — M3 screws
  — self-tapping 3mm screws
  — pre-inserted nuts for M3 screws
• Ground terminal is solder / quick-connect in 4.8 x 0.8mm or 6.3 x 0.8mm
• Ground terminal is positioned for access from the top or back of the connector
• Optional insulation cover for protection against electrical contact
• Material: temperature resistant thermoplastic 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

Standards: EN60320; IEC 320 / C14 / C18

Order Numbers:

GSP 1 . X X X X . X

Color of Housing
1* = Black
2 = Grey

Ground Terminal
0* = Protection class II, without ground
1* = Protection class I, ground terminal is solder quick connect 4.8x0.8mm, 90˚ to conn. axis
2 = Same as 1, but ground terminal is not connected with pcb
3* = Protection class I, ground terminal is solder quick connect 4.8x0.8mm in connector axis
4 = Same as 3, but ground terminal is not connected to pcb
5 = Protection class I, ground terminal is solder/quick-connect 6.3x0.8mm, 90˚ to conn. axis
6 = Same as 5, but ground terminal is not connected to pcb
7 = Protection class I, ground terminal is solder/quick-connect 6.3x0.8mm in connector axis
8 = Same as 7, but ground terminal is not connected to pcb

Insulation Cover
0* = Without insulation cover
1* = Black insulation cover, mounted **
2 = Black insulation cover included (separate) **

Mounting Flange
1* = Holes for cylindric M3 screws
2* = With 4 pre-inserted nuts
3 = PCB side with pre-inserted nut, front side with holes for M3 screws
4 = PCB side with holes for M3 screws, front side with pre-inserted nuts
5* = With holes for self-tapping 3mm screws (4 included)
6 = With holes for self-tapping 3mm screws (2 included)
7 = Mount with self-tapping 3mm screws (not incl.)

Terminal Spacing [1]
6 = 7 / 9.7 mm
7 = 9.05 / 7.3 mm
8* = 9.05 / 9.7 mm
9* = 7 / 7.3 mm

Basic Specification
GSP 1 = Right-angle AC inlet for pcb mounting

* standard configuration. Contact Schurter, Inc. for non-standard configuration order minimums.
** For additional insulation cover (spare part only), use order number 0853.0804
[1] See notes above regarding part number change for improved, robust pins

Ordering example:

GSP 1 . 2315 . 1

Black housing

Protection class I, solder/quick-connect ground terminal 6.3x0.8mm, 90˚ to connector axis

Black insulation cover, mounted

PCB side of mounting flange has pre-inserted nut, front side has holes for M3 screws

9.05 / 7.3 mm terminal spacing

Right-angle appliance connector for pcb mounting
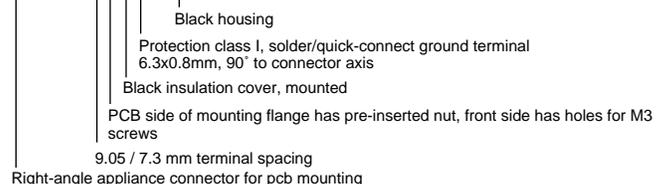
GSP2 AC Inlets for Snap-in or Screw-on Pcb Mounting

Snap-in

Screw-on

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.
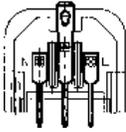
Former version
GSP2.**1**xxx.x
GSP2.**2**xxx.x
GSP2.**3**xxx.x
GSP2.**4**xxx.x
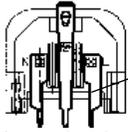
Improved version
GSP2.**6**xxx.x
GSP2.**7**xxx.x
GSP2.**8**xxx.x
GSP2.**9**xxx.x

Snap-in   Screw-on

with insulation cover

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

rear panel mounting   split panel mounting
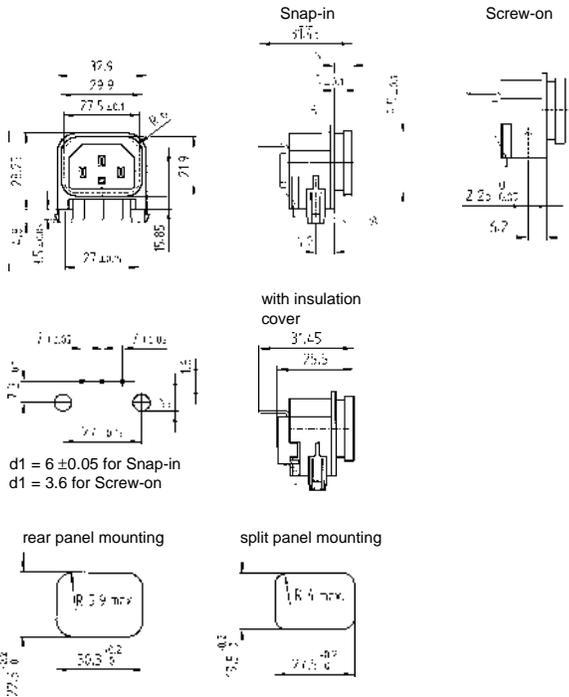
- For "cold" connections 70°C, Protection Class I or II
- Pcb mount with snap-in or screw-on feet (self-tapping screws provided)
- panel mount from rear or "sandwich" between top and bottom panels for optimum stability (see page 33 for further information)
- Ground terminal solder / quick-connect 4.8 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

6100 / 6102 / 4300 AC Inlets for Panel Mounting

- For "cold" connections 70° C, Protection Class I or II
- Screw mount from front or rear, or snap-in mount from front
- 6100, 6102: solder terminals .138 x .032" (3.5 x 0.8mm) or quick-connect terminals .187 x .032" (4.8 x 0.8mm), .250 x .032" (6.3 x 0.8mm) or 2.8 x 0.8mm (6100 snap-in only)
- 4300.0704: combination solder/quick-connect terminals .187 x .032" (4.8 x 0.8mm)
- 0.5 Nm torque required for M3 screws for screw-on type
- For ac inlet with RFI filter see 5100, page 52
- For insulation cover and cord retaining clamp, see page 27

6100
6102

6100
6102

4300

6100, 6102:
Material: thermoplastic, PA 6.6 (6102: UL 94V-0)
Prongs and Terminals: brass, tin-plated

			6100	6102
UL	recognition	15A/250V	File #E96454	File #E96454
CSA	certification	15A/250V	File #LR38456	File #LR38456
VDE	approval	10A/250V	File #77561/3479, expert report	File #3173, expert report
SEMKO	approval	10A/250V	File numbers on request	File numbers on request
SEV	approval	10A/250V		

4300:
Material: thermoplastic
Prongs and Terminals: brass, nickel-plated

UL	recognition	15A/250V	File #E132270
CSA	certification	15A/250V	File #073690
VDE	approval	10A/250V	File #63816
SEMKO	approval	10A/250V	File numbers on request
SEV	approval	10A/250V	

Standards: EN 60320; IEC 320/C14 (6100, 4100); IEC 320/C18 (6102)

6100/6102 Snap-in
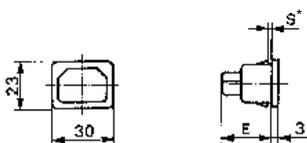
* 6102 snap-in has flanges on the sides
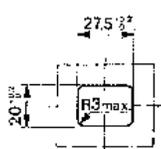
E = solder terminals 22.5mm or quick-connect 25.5mm

S = panel thickness 1.0, 1.2, 1.5, 2.0, 2.5, 3.0mm

6100/6102 Screw-on
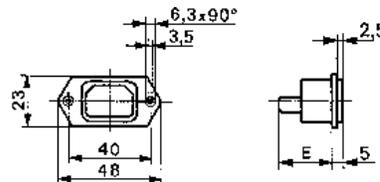
E = solder terminals 20.5mm or quick-connect 23.5mm
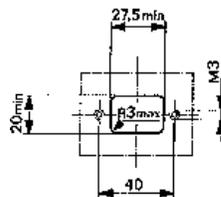
4300 Snap-in
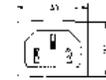
Panel thickness:
0.8-1.2mm:
X = 20.3 +0.1

1.3-2.0mm:
X = 20.5 +0.1

Order Numbers (type)

6100/6102 Snap-in Class I	Class II	6100/6102 Screw-on Class I	Class II	Terminal Type	4300 Snap-in Class I	Terminal Type
6100.41XX (6100-41/...)	6102.51XX* (6102-51/...)	6100.3100 (6100-31)	6102.3100* (6102-31)	solder .138 x .032" (3.5 x 0.8mm)	4300.0704 (0711)	solder/quick-connect .187 x .032" (4.8 x 0.8mm)
6100.42XX (6100-42/...)	6102.52XX* (6102-52/...)	6100.3200 (6100-32)	6102.3200* (6102-32)	quick-connect .187 x .032" (4.8 x 0.8mm)		
6100.43XX (6100-43/...)	6102.53XX* (6102-53/...)	6100.3300 (6100-33)	6102.3300* (6102-33)	quick-connect .250 x .032" (6.3 x 0.8mm)		

XX = panel thickness 1.0, 1.2, 1.5, 2.0, 2.5, 3.0mm (e.g. 6100.4110 = 1.0mm)

To order rivet mount type, change the fifth digit in the part number from a "3" to a "9" (e.g. 6100.9100, 6102.9100).
*Contact Schurter for order minimum

GRF2 AC Inlet With EMI Shield – For Panel Mounting

SCHURTER

Ground terminal

NEW

EMI shield
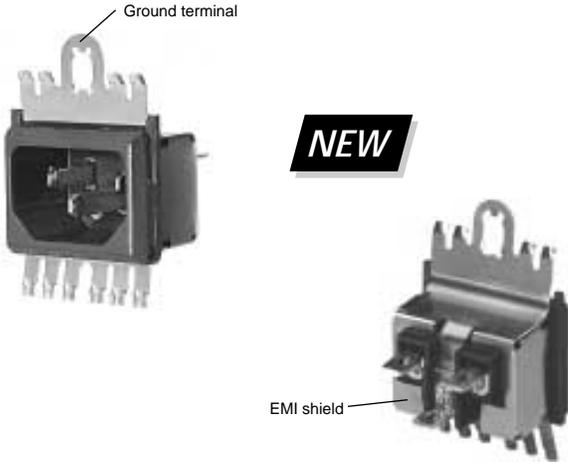
- For cold connections 70˚ C, Protection Class I
- Metal shield safeguards equipment against radiated EMI (electromagnetic interference). Flexible steel claws make multiple contact points on the panel to ensure shield integrity.
- New snap-in design for rear panel mounting allows terminals to be pre-wired before mounting (see diagrams below)
- Solder/quick-connect terminals .187 x .032" (4.8 x 0.8mm)
- For shielded inlet with line filter see GRF4, page 53

UL	recognition	15A/250V	File #E96454
CSA	certification	15A/250V	File #LR38456
VDE	approval	10A/250V	File #100875
SEMKO	approval	10A/250V	File numbers on request
SEV	approval	10A/250V	

Standards: UL 1283; CSA C22.2/8; IEC 320/C14; EN 60320; EN133200

Effect of Shield Attenuation
Data is representative only. Specific measurements may vary due to differences in form, fit, function and various filter types available on the market.

Shielding Effectiveness (dB)

Electric Field
Conventional IEC 320 Inlet
GRF 2

Frequency (MHz)

Panel cut-out

Mounting Instructions

1. Slide slot over panel
2. Press up
3. Push forward
4. Snap into place
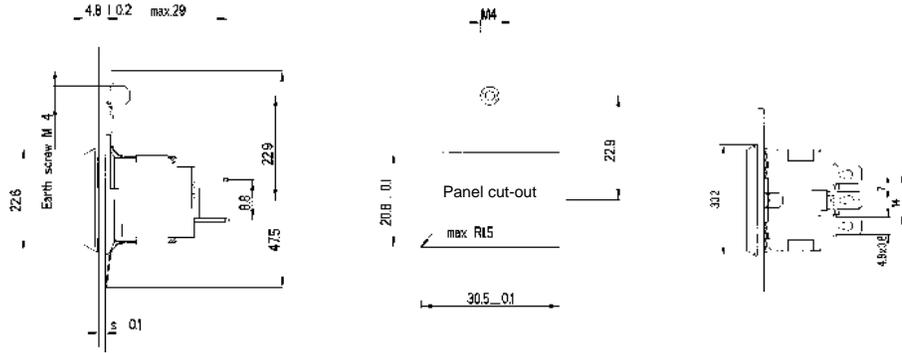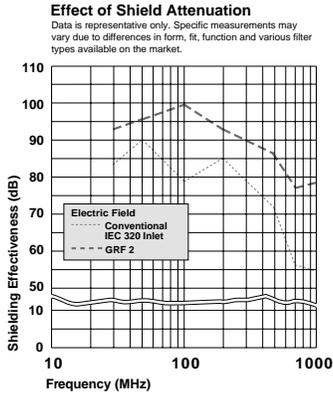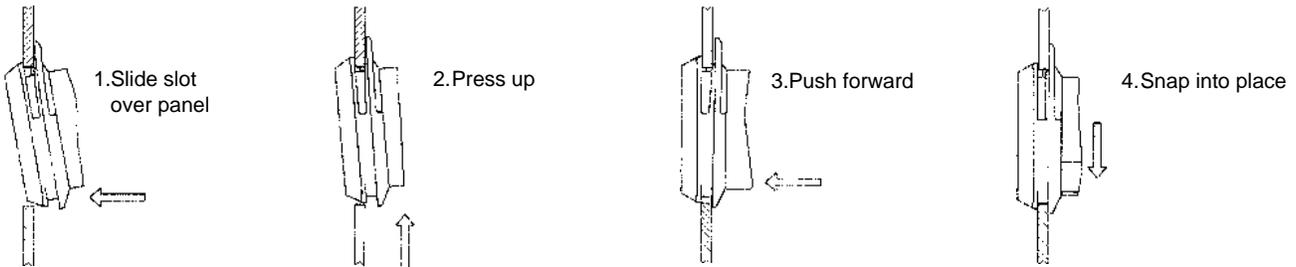
Order Numbers

GRF2 (without filter)

Ground through metal shield and terminals	Ground through metal shield only	Panel thickness	Terminals
GRF2.0312.11	GRF2.0212.11	1.2 mm	solder/quick-connect 4.8 x 0.8mm
GRF2.0315.11	GRF2.0215.11	1.5 mm	
GRF2.0320.11	GRF2.0220.11	2.0 mm	

GSF1 AC Inlet With or Without "Piggy-back" Fuse Clips – for Pcb Mounting
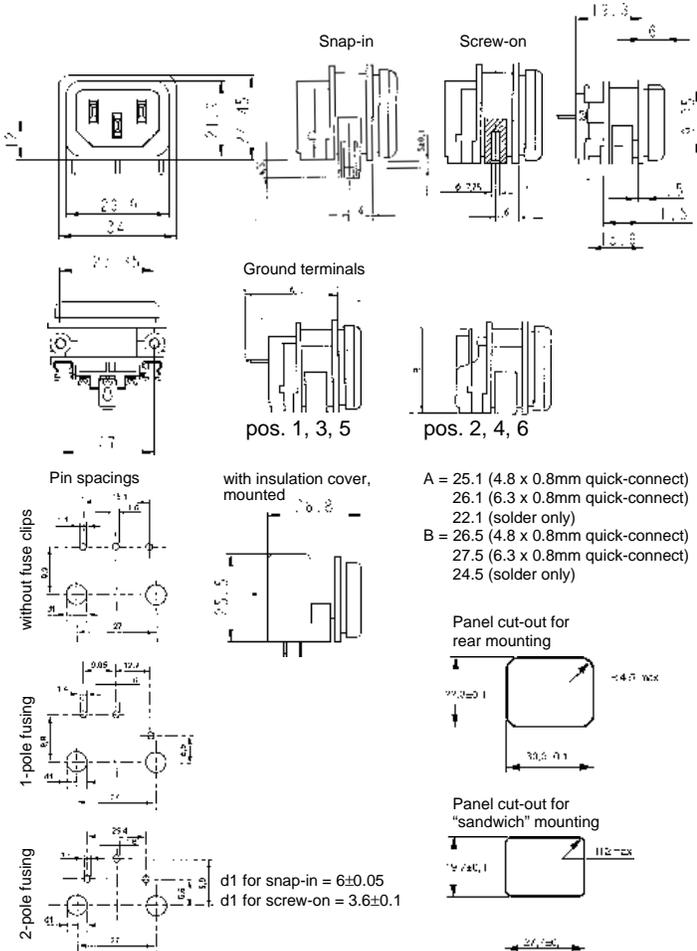
⊞ ⓊⓁ ⑤ᴾ △ Ⓢ Ⓢ

NEW

▊▊ MULTIFIT

Snap-in   Screw-on

Ground terminals

pos. 1, 3, 5   pos. 2, 4, 6

Pin spacings   with insulation cover, mounted

A = 25.1 (4.8 x 0.8mm quick-connect)
26.1 (6.3 x 0.8mm quick-connect)
22.1 (solder only)
B = 26.5 (4.8 x 0.8mm quick-connect)
27.5 (6.3 x 0.8mm quick-connect)
24.5 (solder only)

without fuse clips

1-pole fusing

Panel cut-out for rear mounting

2-pole fusing   d1 for snap-in = 6±0.05
d1 for screw-on = 3.6±0.1

Panel cut-out for "sandwich" mounting

- AC inlet with 1-pole or 2-pole fuseclips acc. to IEC 320/C14, IEC 127-6
- 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)
- Fuse replacement requires opening equipment (optional insulation cover available for protection against electric shock)
- Ground terminal is solder, or solder/quick-connect 4.8 x 0.8mm or 6.3 x 0.8mm; positioned for access from top or back of connector
- Material: temperature resistant thermoplatic PBTB (UL94V-O). Terminals: brass, tin-plated
- Max. power dissipation 3.15 watts (1-pole) and 2.5 watts (2-pole) according to IEC 127-6

		with fuse clips	without fuse clips	
UL	recognition	10A/250V	16A/250V	File #E93617/E96454
CSA	certification	10A/250V	16A/250V	File #LR38456
VDE	approval	10A/250V	10A/250V	File #86959
SEMKO	approval	10A/250V	10A/250V	File numbers on request
SEV	approval	10A/250V	10A/250V	

Order Numbers:

GSF1. X X X X . X X

Standards: IEC 320/C14; IEC 127-6. U.S patent pend.

Color of Housing
1* = Black
2 = Grey

Mounting on the panel
0 = Mounting from behind, no panel fixation
1 = Bezel mounting, panel thickness, s = 1mm
2 = Bezel mounting, panel thickness, s = 1.2 mm
3* = Bezel mounting, panel thickness, s = 1.5 mm
4* = Bezel mounting, panel thickness, s = 2.0 mm
5* = Bezel mounting, panel thickness, s = 2.5 mm
6* = Bezel mounting, panel thickness, s = 3.0 mm
7 = Bezel mounting, panel thickness, s = 4.0 mm

Ground terminal
0 = Protection Class II, without ground terminal (snap-in mounting only)
1* = Protection class I, ground terminal for PCB, and solder/quick-connect 4.8x0.8 mm in conn. axis
2* = Protection class I, ground terminal for PCB, and solder/quick-connect 4.8x0.8 mm, 90˚ to conn. axis
3 = Protection class I, ground terminal for PCB, and solder/quick-connect 6.3x0.8 mm in connector axis
4 = Protection class I, ground terminal for PCB, and solder/quick-connect 6.3x0.8 mm, 90˚ to conn. axis
5 = Protection class I, ground terminal for PCB, and solder in connector axis
6 = Protection class I, ground terminal for PCB, and solder 90˚ to connector axis

Insulation cover
0* = Without insulation cover
1* = Black insulation cover included (separate**)
2* = Black insulation cover, mounted (for GSF1 without fuse clips only)**

Mounting on the printed circuit board
0* = With holes for self-tapping 3mm screws (2 included)
1* = With holes for self-tapping 3mm screws (not included)
2* = Snap-in mounting for PCB thickness 1.6 mm (other panel thickness available on request)
3* = Snap-in mounting for PCB thickness 1.6 mm, with locking pins 0098.0092, added to secure inlet to PCB

Fusing
0* = Without fuse clips
1* = With fuse clip for 5 x 20mm fuse, 1-pole
2* = With fuse clips for 5 x 20mm fuses, 2-pole

Basic specification
GSF1 = ac inlet for PCB mounting, with or without fuse clips

* Standard configuration. Contact Schurter for non-standard configuration order minimums.
** For additional insulation cover (spare part only), use order number 098.0078

Ordering example:

GSF1.2211.41

Black housing

Panel thickness 2.0mm

Ground terminal for pcb and solder/quick-connect 4.8 x 0.8mm

Insulation cover included (separate)

Snap-in pcb mount, 1.6mm thickness

2-pole fusing, with fuse clips for 5 x 20mm fuses

AC inlet for pcb mounting

GSF2 AC Inlet With "Piggy-back" Fuse Clips – For Panel Mounting

NEW
Snap-in

MULTIFIT

Standards: IEC 320/C14; IEC 127-6. U.S patent pend.

Front view
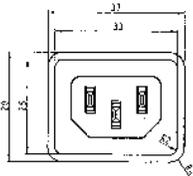
Line and neutral terminals solder/quick-connect 4.8 x 0.8mm, in connector axis (GSF2.XX1X.XX)
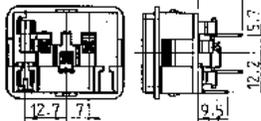
Top view
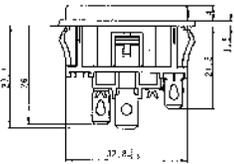
Ground terminal solder/quick-connect 4.8 x 0.8mm, in connector axis (GSF2.XXX1.XX)
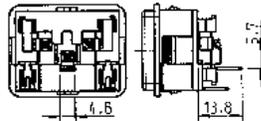
Side view
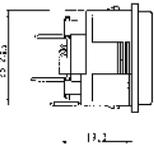
Ground terminal solder/quick-connect 6.3 x 0.8mm, in connector axis (GSF2.XXX3.XX)
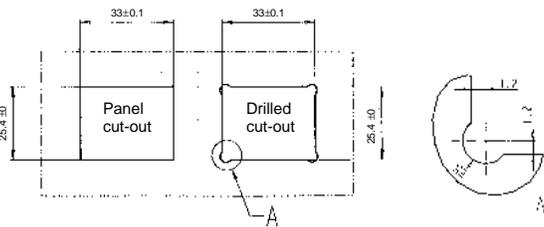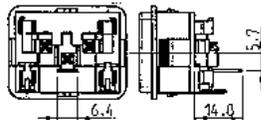
Panel cut-out

Drilled cut-out

- AC inlet with 1-pole or 2-pole fuseclips acc. to IEC 320/C14, IEC 127-6
- For "cold" connections 70° C, Protection Class I or II
- Snap-in panel mount from the front.
- Two "locking" snappers reinforce connector against repeated or excessive pull force during plug removal
- Fuse replacement requires opening equipment
- Ground terminal is solder/quick-connect 4.8 x 0.8mm or 6.3 x 0.8mm; line and neutral terminals are solder/quick-connect 4.8 x 0.8mm
- Terminals positioned for access from top, bottom or back of connector
- Material: temperature resistant thermoplatic PBT (UL94V-O). Terminals: brass, tin-plated
- Max. power dissipation 3.15 watts (1-pole) and 2.5 watts (2-pole) according to IEC 127-6

UL	recognition	10A/250V	File #E93617
CSA	certification	10A/250V	File #LR38456
VDE	approval	10A/250V	File #86959
SEMKO	approval	10A/250V	File numbers on request
SEV	approval	10A/250V	

Order Numbers:

GSF2. X 0 X X . 0 1

Color of Housing
1* = Black

Mounting on the panel
0* = Snap-in mounting from the front, for panel thickness 1.0, 1.2, 1.5, 2.0, 2.5, 3.0mm

Ground terminal
0* = Protection Class II, without ground terminal
1* = Protection class I, solder/quick-connect 4.8 x 0.8 mm in connector axis
2 = Protection class I, solder/quick-connect 4.8 x 0.8 mm 90˚ to connector axis
3* = Protection class I, solder/quick-connect 6.3 x 0.8 mm in connector axis
4 = Protection class I, solder/quick-connect 6.3 x 0.8 mm 90˚ to connector axis

Line and Neutral terminals (L and N)
1* = Solder/quick-connect 4.8 x 0.8 mm in connector axis
2 = Solder/quick-connect 4.8 x 0.8 mm 90˚ to connector axis

Fusing
1* = With fuse clip for 5 x 20mm fuse, 1-pole (without fuse**)
2* = With fuse clips for 5 x 20mm fuses, 2-pole (without fuses**)

Basic specification
GSF2* = ac inlet for panel mounting, with fuse clips

* Standard configuration. Contact Schurter for non-standard configuration order minimums.
** Fuses ordered separately; available pre-installed on request. For more information, see "International Circuit Protection & Power Entry Devices" catalog.

Ordering example:

GSF2.2011.01

Black housing

Snap-in mounting from the front

Ground terminal solder/quick-connect 4.8 x 0.8mm

Line and Neutral terminals solder/quick-connect 4.8 x 0.8mm

2-pole fusing, with fuse clips for 5 x 20mm fuses *

AC inlet for panel mounting

6600 / 4721 / 4300 AC Outlets For Pcb or Panel Mounting ⓤ cⓊus ⓒ ⚠VDE Ⓢ Ⓢ

6600

6600

NEW
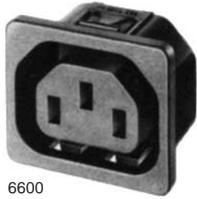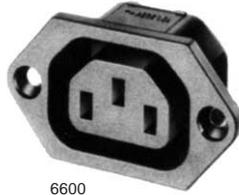
Shuttered outlet

4724
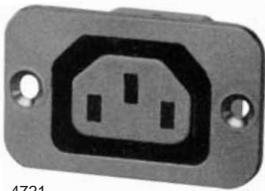
4721

4300

Standards: EN 60320; IEC 320/F/H

- For "cold" connections 70°C, Protection Class I
- Screw mount from front or rear, or snap-in mount from front
- 0.5 Nm torque required for M3 screws for screw-on types

6600 for panel mounting
- Solder terminals .138 x .032" (3.5 x 0.8mm) or quick-connect terminals .187 x .032" (4.8 x 0.8mm) or .250 x .032" (6.3 x 0.8mm)
- Material: thermoplastic, Polyamid 6.6; prongs and terminals: brass, tin-plated
- For insulation cover, see page 27

UL	recognition	15A/250V	File #E103791
CSA	certification	15A/250V	File #LR38456
VDE	approval	10A/250V	File #2772, expert report
SEMKO, SEV appr.		10A/250V	documents on request

4721 / 4724 shuttered outlets for panel mounting
- Solder terminals, quick-connect 4.8mm or quick-connect 6.3mm only
- Material: modified PPO (UL 94V-0)
- Contacts: brass, bright electro-tin plated

UL	recognition	10A/250V	File #E83589(M)
CSA	certification	10A/250V	File #056242X0000
VDE	approval	10A/250V	File #80642

cULus (UL recognition for UL and Canada) 15A/250V pending

4300 for pcb mounting
- Right angle pcb mount with screw-on panel mount from rear (wave solderable and washable in aqueous solutions)
- Combination solder/quick-connect terminals .187 x .032" (4.8 x 0.8mm)
- Material: thermoplastic (UL 94V-O); prongs and terminals: brass, nickel-plated

UL	recognition	15A/250V	File #E93616
CSA	certification	15A/250V	File #LR70111
VDE	approval	10A/250V	File #1930, expert report
SEMKO, SEV appr.		10A/250V	documents on request

6600 Snap-in

E = 24.1 solder, 27.5 quick-connect (6.3 x 0.8mm) or 26.5 quick-connect (4.8 x 0.8mm)

S = panel thickness 1.0, 1.2, 1.5, 2.0, 2.5, 3.0mm

6600 Screw-on

E = 24.1 solder, 27.5 quick-connect (6.3 x 0.8mm) or 26.5 quick-connect (4.8 x 0.8mm)

4721 Screw-on

2 holes for ø3.5 C'SK ø6.3 x 90°

PANEL CUT-OUT

6.3 TABS - 32.2
4.8 TABS - 30.5
SOLDER - 28.4

Shutter operation 'A'

SHUTTERS OPENED BY PLUG INSERTION

SHUTTERS CLOSED
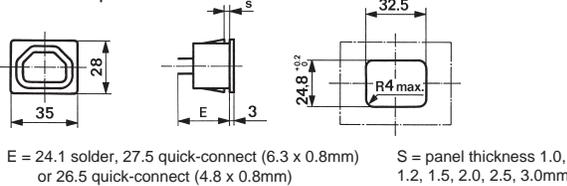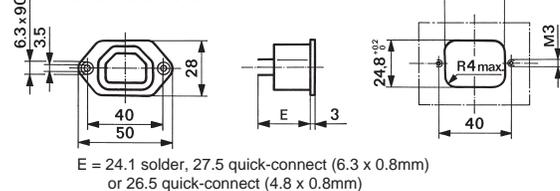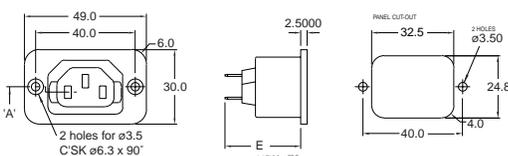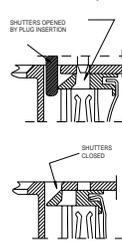
4300 pcb mount

4724 Snap-in

PANEL CUT-OUT
32.5 MIN

6.3 TABS - 32.2
4.8 TABS - 30.5
SOLDER - 28.4
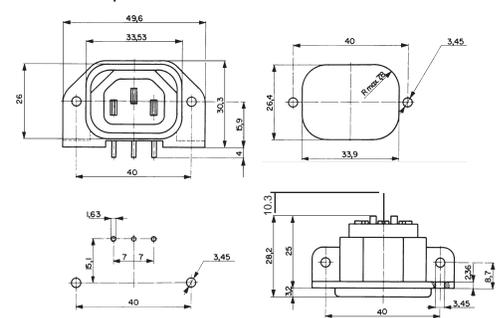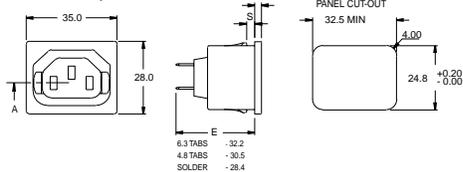
Order Numbers (type)

6600 Snap-in	Screw-on	Terminal Type	4724 Snap-in (1.5mm)	4721 Screw-on	Terminal Type	4300 Screw-on	Terminal Type
6600.41XX (6600-41/...)	6600.3100 (6600-31)	solder .138" x .032" (3.5 x 0.8mm)	4724.0300 shuttered	4721.0300 shuttered	solder only	4300.0251 (P675PC)	solder pcb
6600.42XX* (6600-42/...)	6600.3200* (6600-32)	quick-connect .187" x .032" (4.8 x 0.8mm)	4724.0100 shuttered	4721.0100 shuttered	quick-connect 4.8mm		
6600.43XX (6600-43/...)	6600.3300 (6600-33)	quick connect .250" x .032" (6.3 x 0.8mm)	4724.0000 shuttered	4721.0000 shuttered	quick-connect, 6.3mm		

XX=panel thickness1.0, 1.2, 1.5, 2.0, 2.5, 3.0mm (e.g. 6600.4110=1.0mm).
To order rivet mount types for 6600, change the fifth digit in the part number from a "3" to a "9" (e.g. 6600.9100, etc.).
* Contact Schurter, Inc. for order minimum.

0909 / 4752-55 AC Outlets For Panel Mounting

cᴙᴸus ⟨D⟩VE

• For "cold" connections 70˚C, Protection Class I
• Snap-in mount from front

NEW

With rear insulation
cover (series 475)

0909 for panel mounting (uninsulated terminals)
• Solder terminals 3.0 X 0.8mm
• Material: thermoplastic (UL 94V-0)
• Prongs and terminals: brass, nickel-plated

UL	recognition	15A/250V	File #E103791
C-UL	recognition	15A/250V	File #E103791
VDE	approval	10A/250V	File #112657

4752 / 4753 for snap-in panel mounting (insulated terminals)
• Solder terminals, quick-connect 6.3mm and solder, or quick-connect 6.3mm only
• Material: PA6 (UL 94V-0)
• Contacts: brass, electro-tin plated

UL	recognition	15A/250V *	File #E83589(M)
CSA	certification	15A/250V *	File #LR56242-11
VDE	approval	10A/250V *	File #95796

* approvals for types with both quick-connect 6.3mm and solder terminals. Solder only or quick-connect only have approvals pending for 15A/250V (C-UL-US) and 10A/250V (VDE).

4754 / 4755 for snap-in panel mounting (insulated terminals)
• Solder terminals, quick-connect 6.3mm and solder, or quick-connect 6.3mm only
• Material: PA6 (UL 94V-0)
• Contacts: brass, electro-tin plated

UL	recognition	15A/250V *	File #E83589(M)
CSA	certification	15A/250V *	File #LR56242-11
VDE	approval	10A/250V *	File #95796

* approvals for types with both quick-connect 6.3mm and solder terminals. Solder only or quick-connect only have approvals pending for 15A/250V (C-UL-US) and 10A/250V (VDE).

0909 / 4752 / 4753

4754 / 4755

Cut-out accepts snap-in inlet:
6100.4120, .4220 or .4320
(see page 11)

Standards: EN 60320; IEC 320/F/H

0909 Outlets (uninsulated terminals)

Cut-out for
1.5mm panel

L = 48.3 (2 pc. strip)
72.3 (3 pc. strip)
96.3 (4 pc. strip)

120.3 (5 pc. strip)
144.3 (6 pc. strip)
168.3 (7 pc. strip)
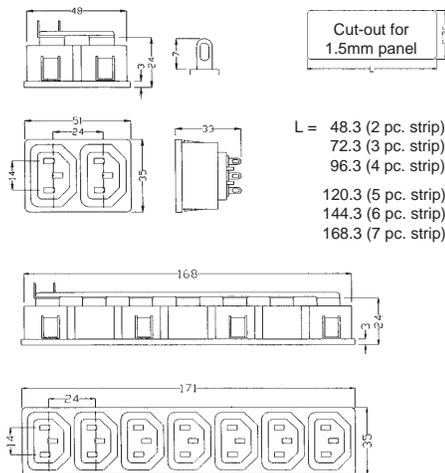
4752 / 4753 Outlets
(insulated terminals)

SOLDER & 6.3 TABS

PANEL CUT-OUT 96.2mm x 32.5mm

MAXIMUM CORNER RADII 1mm
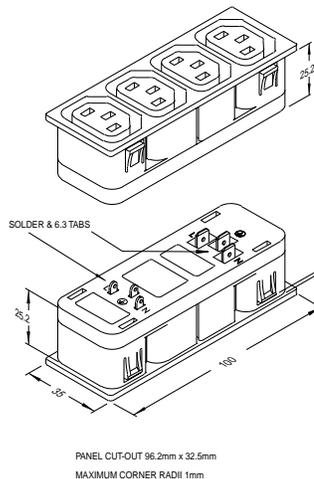
4754 / 4755 Outlets
(insulated terminals)

CUT-OUT FOR 2mm CLIP-IN SCHURTER INLET

SOLDER & 6.3 TABS

PANEL CUT-OUT 122.1mm x 32.5mm
MAXIMUM CORNER RADII 1mm
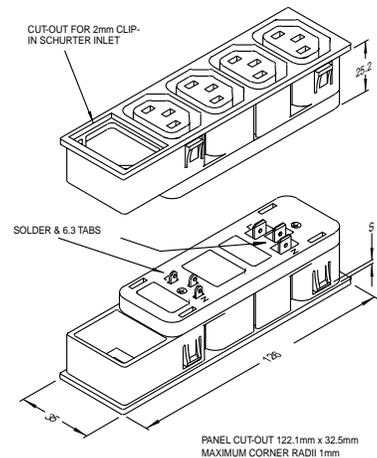
Order Numbers – Uninsulated Terminals			Order Numbers – Insulated Terminals (4 outlets only)					
			Quad Block		**Quad Block +1**			
0909 Snap-in	**Pre-wired Configuration**	**Terminal Type**	**4752 Class I**	**4753 Class II**	**4754 Class I**	**4755 Class II**	**Panel Thickness**	**Terminal Types**
0909.0001	2 outlets	solder, 3.0x0.8mm	4752.4000	4753.4000	4754.4000	4755.4000	1.5mm	6.3mm quick-connect, and solder
0909.0011*	3 outlets	solder, 3.0x0.8mm	4752.4200	4753.4200	4754.4200	4755.4200	1.5mm	6.3mm, quick-connect only
0909.0021	4 outlets	solder, 3.0x0.8mm	4752.4400	4753.4400	4754.4400	4755.4400	1.5mm	solder only
0909.0031*	5 outlets	solder, 3.0x0.8mm	To order other panel thickness, *change the fifth digit in the part number: 2=0.8mm, 3=1.0mm, 5=2.0mm, 6=2.5mm, 7=3.0mm, 8=1.2mm (i.e.4752.5000=for 2mm panel thickness). Contact Schurter, Inc. for order minimum. White plastic available on request.					
0909.0041	6 outlets	solder, 3.0x0.8mm						
0909.0051*	7 outlets	solder, 3.0x0.8mm						
* Contact Schurter, Inc. for order minimum.								

PMM / KP / 4300 AC Inlet / outlet For Pcb or Panel Mounting

NEW

Simultaneously switch equipment and peripherals on or off
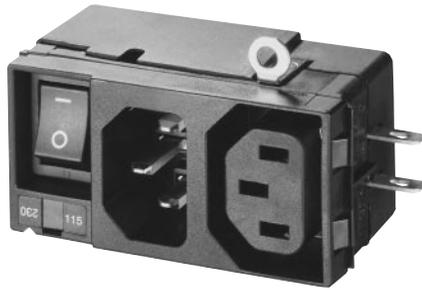
PMM for panel mounting

KP for pcb mounting
(see page 33)

4300 for panel mounting

Standards: IEC 60536; IEC 320/C14/F; EN 60320

• For "cold" connections 70˚C, Protection Class I

PMM for panel mounting
• AC inlet/outlet with integral 1-pole or 2-pole on/off line switch, in rush max., 100A 3-4ms, followed by continuous current 5A, on/off cycles 10,000 acc. to EN 61058-1
• Simultaneously switch equipment and peripherals on or off
• Independent, 2 position voltage selector optional (voltage markings 115 and 230)
• Snap-in panel mount from rear
• Solder/quick-connect terminals .187 x .032" (4.8 x 0.8mm); solder terminals (1.5 mm^2) for voltage selector
• Ground terminal screw mounts to panel (ø4mm solder lug, +0.05)
• Rear insulation cover protects against inadvertent electrical contact
• With internal connections (except voltage selector)
• Ideal for switch mode power supplies (SMPS)
• Material: thermoplastic, PA6 (UL 94V-0)
  Prongs and terminals: copper-alloy, corrosion proof

UL	recognition	10A/250V	File #E96454
CSA	certification	10A/250V	File #LR38456
VDE	approval	10A/250V	File #6090, expert report

4300 for panel mounting
• Snap-in panel mount from front
• Solder/quick-connect terminals .187 x .032" (4.8 x 0.8mm)
• Available with or without internal connections between ground terminals
• Material: thermoplastic, polyamid 6.6
  Prongs and terminals: brass, nickel-plated

UL	recognition	10A/250V	File #E103791
CSA	certification	10A/250V	File #LR73165
VDE	approval	10A/250V	File #3193, expert report

PMM panel mount

4300, panel mount

solder lugs for 1.5 mm^2

S = Panel thickness see technical data

Voltage selector

Position A

Position B

With 2-pole switch

Voltage selector
Appliance-inlet
Appliance-outlet
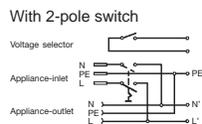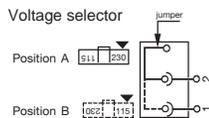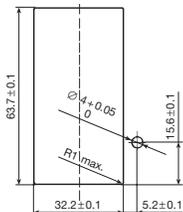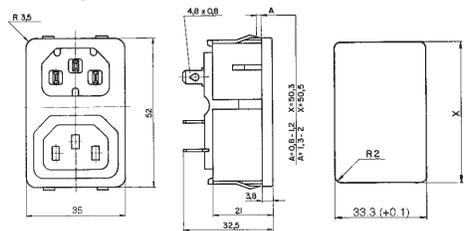
Order Numbers

PMM 1-pole	PMM 2-pole	Voltage selector	Panel thickness	4300	Type of Internal Connection	Terminal Type
4307.3001	4307.4001	without	0.8 mm	**4300.0301**	without internal connection	quick-connect .187 x .032"
4307.3211	4307.4211	with (115/230)	0.8 mm	(0712)	between ground terminals	(4.8 x 0.8mm)
4307.3004	4307.4004	without	1.5 mm	**4300.0303**	with internal connection	quick-connect .187 x .032"
4307.3214	4307.4214	with (115/230)	1.5 mm	(0712)	between ground terminals	(4.8 x 0.8mm)

6110 / 6120 AC Inlets – For "Hot" Connections

• For "hot" connections 120˚C (6110) or 155˚C (6120), Protection Class I
• Screw mount from front or rear, or snap-in mount from front
• Solder terminals .138 x .032" (3.5 x 0.8mm) or quick-connect terminals .187 x .032" (4.8 x 0.8mm) or .250 x .032" (6.3 x 0.8mm)
• 0.5 Nm torque required for M3 screws for screw-on type
• For ac inlet with RFI filter see 5110, page 52
• For insulation cover and cord retaining clamp, see page 27
• Material: thermoplastic, polyamid 6.6 (6110 series: UL 94V-0) Prongs and terminals: brass, tin-plated

6110   6120

UL	recognition	15A/250V	File #E96454
CSA	certification	15A/250V	File #LR38456
VDE	approval	10A/250V	File #3173, expert report (6110.4XXX and 6120)
VDE	approval	10A/250V	File #77561 (6110.3XXX)
SEMKO	approval	10A/250V	File numbers on request
SEV	approval	10A/250V	

Standards: EN 60320; IEC 320/C16
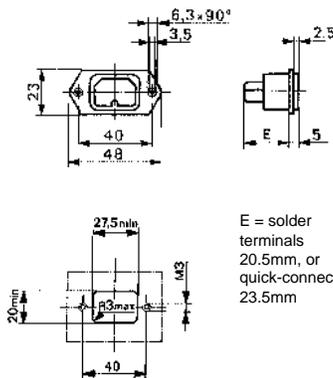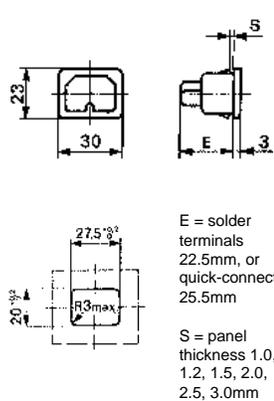
6110 Screw-on   6110 Snap-in   6120 Screw-on   6120 Snap-in

E = solder terminals 20.5mm, or quick-connect 23.5mm

E = solder terminals 22.5mm, or quick-connect 25.5mm

S = panel thickness 1.0, 1.2, 1.5, 2.0, 2.5, 3.0mm

E = solder terminals 20.5mm, or quick-connect 23.5mm

E = solder terminals 22.5mm, or quick-connect 25.5mm

S = panel thickness 1.5, 2.5, 3.0mm
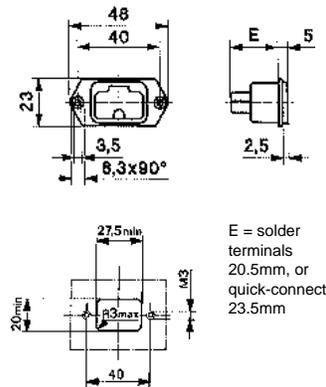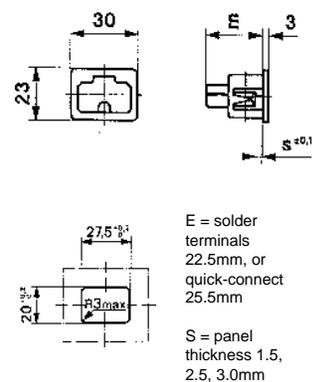
Order Numbers (type)					
6110,120˚C			**6120,155˚C**		
Snap-in	**Screw-on**	**Terminal Type**	**Snap-in**	**Screw-on**	**Terminal Type**
6110.41XX*	**6110.3100**	solder .138" x .032"	**6120.51XX**	**6120.3100**	solder .138" x .032"
(6110-41/...)	(6110-31)	(3.5 x 0.8mm)	(6120-51/...)	(6120-31)	(3.5 x 0.8mm)
6110.42XX*	**6110.3200**	quick-connect	**6120.53XX**	**6120.3300**	quick-connect
(6110-42/...)	(6110-32)	.187" x .032" (4.8 x 0.8mm)	(6120-53/...)	(6120-33)	.250" x .032" (6.3 x 0.8mm)
6110.43XX	**6110.3300**	quick-connect			
(6110-43/...)	(6110-33)	.250" x .032" (6.3 x 0.8mm)			
XX = panel thickness 1.0, 1.2, 1.5, 2.0, 2.5, 3.0mm (e.g. 6110.4110 = 1.0mm)			XX = panel thickness 1.5, 2.5, 3.0mm (e.g. 6120.5130 = 3.0mm)		
To order rivet mount types for series 6110, change the fifth digit in the part number from a "3" to a "9" (e.g. 6110.9100, etc.) *Contact Schurter for order minimum.			*Contact Schurter for order minimum.		

6153 / 6653 AC Inlet and Outlet - High Current

⓾ ⑤ △Ⓓⓔ Ⓢ ⊕Ⓢ

6153

6653

- For "cold" connections 70˚C, Protection Class I
- AC inlet and ac outlet for high currents
- AC inlet and ac outlet screw-on from front
- Solder terminals .158 x .032" (4.0 x 0.8mm), quick-connect .250 x .032" (6.3 x 0.8mm) or solder/quick connect .187 x .032" (4.8 x 0.8mm)
- 0.5 Nm torque required for M3 screws
- Material: thermoplastic UL 94V-O; (outlet with solder terminals UL 94V-2) Prongs and terminals: brass

UL	recognition	20A/125V, 16A/250V	File #E96454/103791
CSA	certification	20A/125V, 16A/250V	File #LR20028/73165
VDE	approval	16A/250V	File #60314
SEMKO	approval	16A/250V	} File numbers on request
SEV	approval	16A/250V	

Standards: EN 60320; IEC 320/C19 (outlet), C20 (inlet), VDE 0625

6153 inlet (0722)

6653 outlet (0723)

solder- / quick connect terminals 4,8x0,8
or quick-connect terminals 6,3x0,8
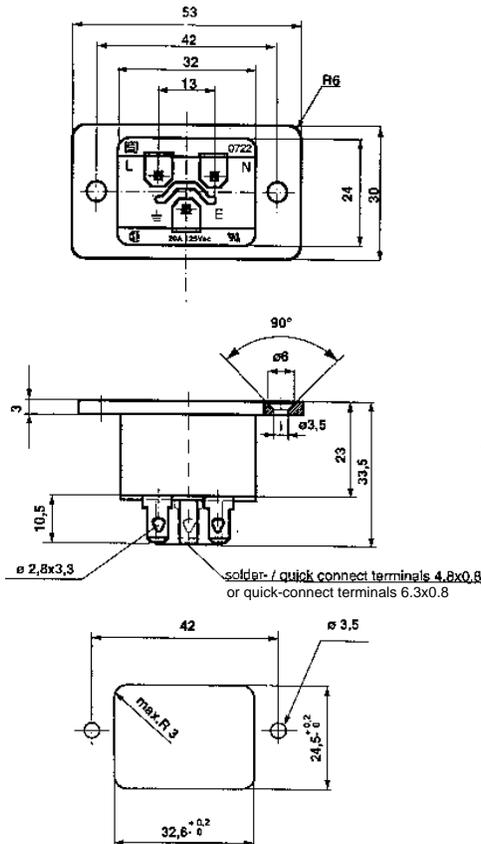
quick connect terminals 6,3x0,8
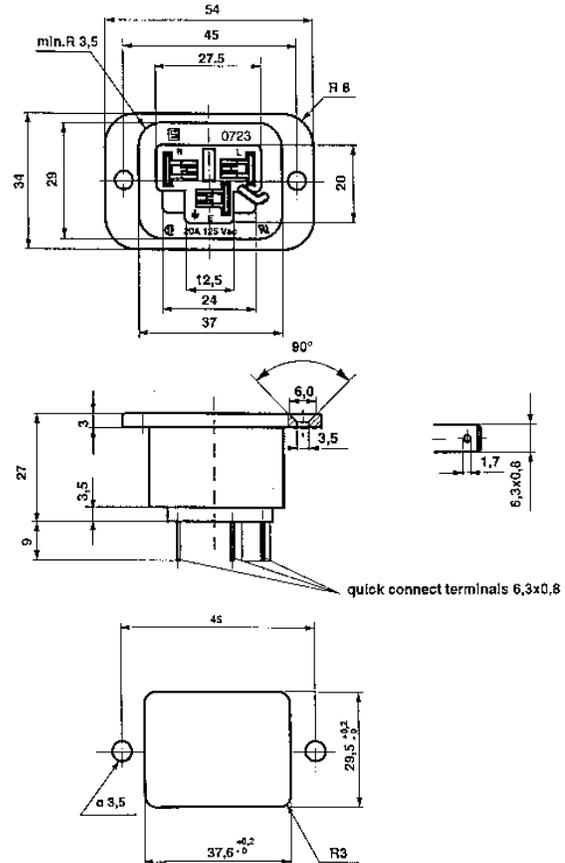
Order Numbers (type)

6153 inlet	Terminal type	6653 outlet	Terminal type
6153.3100 (0722)	solder/quick-connect terminals .187 x .032" (4.8 x 0.8mm)	**6653.3100** (0723)	solder terminals .158 x .032" (4.0 x 0.8mm)
6153.3300 (0722)	quick-connect terminals .250 x .032" (6.3 x 0.8mm)	**6653.3300** (0723)	quick-connect terminals .250 x .032" (6.3 x 0.8mm)

4300 AC Inlets - Low Current

🔲 ⓒ ⬭ Ⓢ Ⓢ

- For "cold" connections 70˚C, Protection Class I or II
- Screw mount from front or rear, or snap-in mount from front
- Pcb terminals or solder terminals
- For low-current ac inlet with switch see CMF, page 31
- Material: thermoplastic, PBT (30% glass fiber)
  Prongs and terminals: brass, tin-plated

Snap-in
4300.0098

NEW

Screw-on
4300.0096

			Class II	Class I
UL	recognition	2.5A/250V	File #E96454	#E96454
CSA	certification	2.5A/250V	File #LR73165	#LR73165
VDE	approval	2.5A/250V	File #88472	#112138
SEMKO	approval	2.5A/250V	} File numbers on request	} File numbers on request
SEV	approval	2.5A/250V		

PCB mount
4300.0099

PCB mount
4300.0097

Screw-on
4300.0100
(available Q1, 1998)

PCB mount
4300.0101
(available Q1, 1998)

Standards: UL 498; CSA 22.2; EN 60320; IEC 320/C8/C6

4300.0098 / 0099
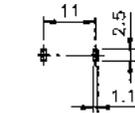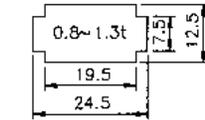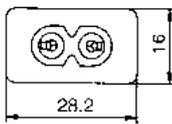
PANEL CUT-OUT   PCB. LAYOUT
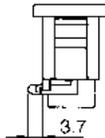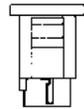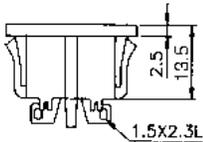
4300.0100
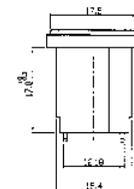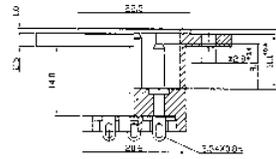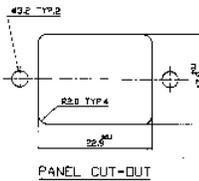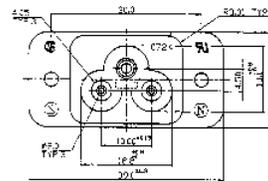
PANEL CUT-OUT

4300.0096 / 0097
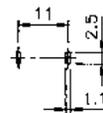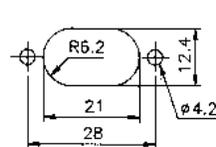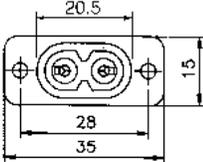
PANEL CUT-OUT   PCB. LAYOUT
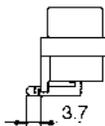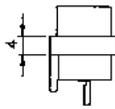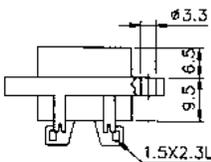
4300.0101
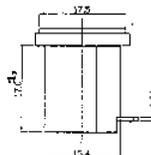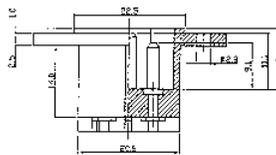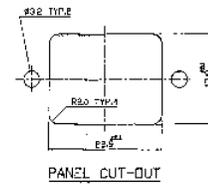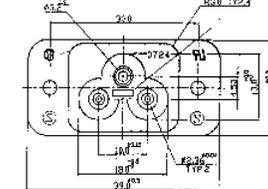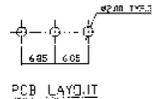
PANEL CUT-OUT   PCB LAYOUT

Order Numbers (type)			
4300 / Class II (2-pin)		**4300 / Class I (3-pin)**	
Snap-in	**Screw-on**	**Screw-on**	**Terminal type**
4300.0098 (0721)	**4300.0096** (0720)	**4300.0100** (0724)	solder terminals
4300.0099 (0721)	**4300.0097** (0720)	**4300.0101** (0724)	pcb terminals

4300 NEMA 5-15R Outlets

UL **CSA**

4300.0701

Solder/quick-connect terminals
.187 x .020" (4.8 x 0.6mm)

4300.0702

V-slotted terminals for
connecting multiple receptacles

- Protection Class I or Class II
- Snap-in panel mount from front
- Material: thermoplastic, nylon 66
  Terminals: brass, tin-plated

			4300.0701/02/03	4300.0705
UL	recognition	15A/125V	File #E132269	File #E101351
CSA	certification	15A/125V	File #073690	File #63196

Installation Diagram for 4300.0702

4300.0703

Sockets for quick-connect tabs .205"
(5.2mm) or solid wires (12-14AWG)

4300.0705

Solder/quick-connect terminals
.187 x .020" (4.8 x 0.6mm)
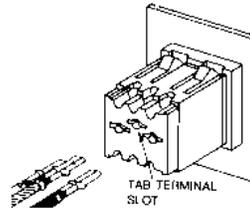
4300.0703: .205" tab application

*Note: terminate quick-connects
after the cover is attached*
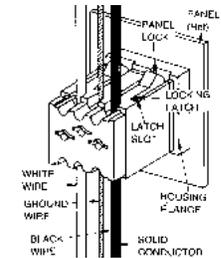
4300.0703: solid wire application

*Note: terminate solid wires before
attaching the cover*

Standards: 4300.0701/02/03: NEMA 5-15R
4300.0705: UL 498, CSA 22.2, NEMA 1-15R

4300.0701
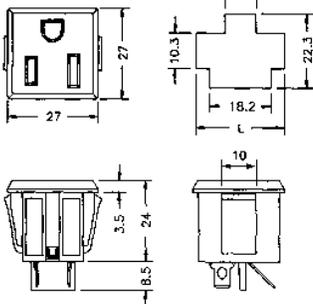
panel thickness 0.8 – 1.6mm

PANEL THICKNESS	L
0.8 mm	24 ± 0.1
1.0 mm	24.6 ± 0.1
1.2 mm	25.2 ± 0.1
1.6 mm	26.2 ± 0.1

4300.0702
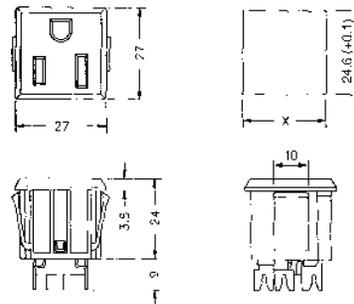
panel thickness 0.8 – 1.6mm

PANEL THICKNESS	X
0.8-1.2 mm	24.6 + 0.1
1.3-1.6 mm	24.8 ± 0.1

4300.0703
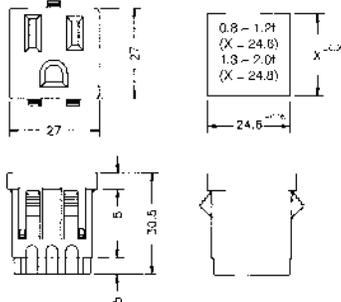
4300.0705
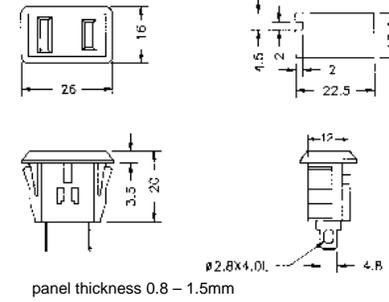
panel thickness 0.8 – 1.5mm

Order Numbers (type)

NEMA		Protection Class	Terminal / socket type	Panel
4300.0701	(0709)	Class I	solder/quick-connect terminals .187 x .020" (4.8 x 0.6mm)	0.8-1.6mm
4300.0702	(0709-1)	Class I	V-slotted terminals (14 AWG)	0.8-1.6mm
4300.0703	(0710)	Class I	sockets for quick-connect tabs .205" (5.2mm) or solid wire termination (12-14 AWG)	0.8-3.0mm
4300.0705	(0715)	Class II	solder/quick-connect terminals .187 x .020" (4.8 x 0.6mm)	0.8-1.5mm

PLUG MATES Rewireable

4300.0922

NEW

20 Amp

70 mm

34 mm

38mm

20mm

49mm

15mm

4300.0921

69 mm

28 mm

36 mm

21 mm

50 mm

15mm

Standards: IEC 320/C19 (outlet), /C20 (inlet)
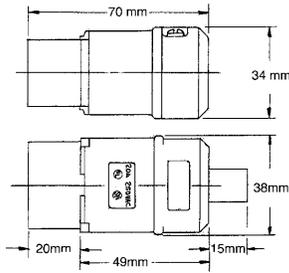
4300.0922 (mates with C19 outlet)

- For "cold" connections 65˚C, Protection Class I
- AC inlet plug for high currents, with straight cable entry
- For North American cordage 16/3 SJ to 12/3 SJ (.325 to .475" dia.), or International (HAR Cord) 3x1.5mm^2 to 3x2.5mm^2 (8 to 12mm dia.)
- Disassemble plug for cable connection
- Housing: thermoplastic; prongs and terminals: brass
- For mating ac outlet see 6653, page 18

UL	listing	20A/250V	File # E96454
CSA	certification	20A/250V	File #LR702825
TUV	pending		
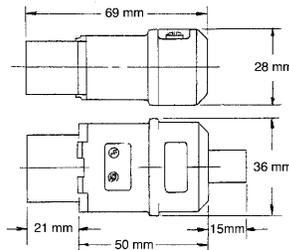
4300.0921 (mates with C20 inlet)

- For "cold" connections 65˚C, Protection Class I
- AC outlet plug for high currents, with straight cable entry
- For North American cordage 16/3 SJ to 12/3 SJ (.275 to .475" dia.), or International (HAR Cord) 3x1.5mm^2 to 3x2.5mm^2 (8 to 12mm dia.)
- Disassemble plug for cable connection
- Housing: thermoplastic; prongs and terminals: brass
- For mating ac inlet/filter see C20F, page 53
- For mating ac inlet see 6153, page 18

UL	listing	20A/250V	File # E96454
CSA	certification	20A/250V	File #LR702825
TUV	pending		

CORDSET

NEW

20 Amp

0888.0220

Medical grade cordset in development.
Contact Schurter Inc. for availability.

0888.0220 (mates with C20 inlet)

- North American cordset, with Nema 5-15P plug end
- SJT cordage (3x14 AWG), black, 8 foot length
- PVC molding
- For mating ac inlet/filter see C20F, page 53.
- For mating ac inlet see 6153, page 18

UL	listing	15A/125V *	File #E191239
CSA	certification	15A/125V *	File #LR702497

* Nema 5-15P max. rating

Standards:
IEC 320/C19 (outlet end)

Standards:
Nema 5-15P (plug end)

43.3

18.22

20.02

7.01

2.50(3X)

6.00(2X)

13.00

8

Ø4.8

23.9

9

6.4

11.3

22.3

67.85

47.84

28.02

3.32
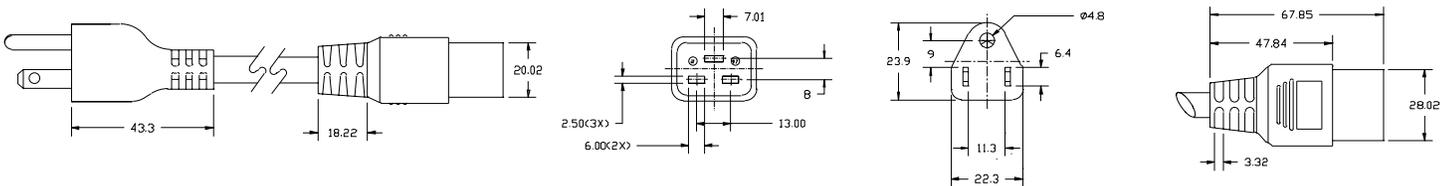
CORD RETAINING CLAMP prevents loosening or accidental removal of plug

NEW

Contact Schurter Inc.
for ordering data

34.0

6.4

CAPTIVE NUT

25.7

43.2

2.5

12.7

32.1

6.4

CAPTIVE NUT

24.1

43.2

3.0

12.7

For rewireable plug mate 4300.0921

For cordset

PLUG MATES Rewireable

**NEW** **Enhanced designs now available:**

- Captive internal contacts for easier and more reliable wiring
- Cable clamp screw mounts inside the plug to secure cable

4300.0407
4732.0000
4735.0000

4300.0411
4733.0000
4736.0000

Standards: EN 60320; IEC 320/E

4300.0401

- For "cold" connections 70˚C, Protection Class I
- AC inlet plugs with straight or 90˚ cable entry

Standard 4300 Series:
- Max. wire size 18 AWG (1.0 mm²)
- Disassemble plug for cable connection
- Material: thermoplastic, UL 94V-O
  Prongs and terminals: brass, tin-plated

UL	recognition	10A/250V	File #E96454
CSA	certification	10A/250V	File #LR70111
SEV	approval	6A/250V	File number on request

Enhanced 473X Series
- Captive internal contacts
- Cable clamp screw mounts inside the plug to secure cable
- Strain reliefs for either harmonized 14 AWG (1.5 mm²) or 18 AWG (1.0 mm²) cable sizes
- Body material: PPO, UL 94V-0
  Contact material: brass, nickel plated

		4732 / 4733		4735 / 4736	
UL	recognition	10A/250V	File #E83589	15A/250V	File #E83589
CSA	certification	10A/250V	File #LR56242	15A/250V	File #201904
VDE	approval	10A/250V	File #83423	10A/250V	File #124716

4300.0407
21 / 29 / 25,5 / 36,5 / 19 / 81

4300.0411
29 / 21 / 19 / 28 / 47 / 25,5 / 44,5 / 70

4732.0000
20.8 / 28.7 / 81.0 / 55.5
*ø7mm for 18 AWG or 1.0 mm²
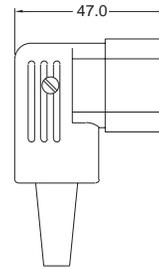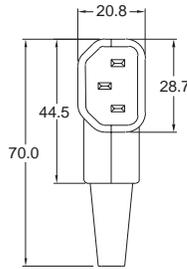
4733.0000
20.8 / 28.7 / 44.5 / 70.0 / 47.0
ø7mm for 18 AWG or 1.0 mm²

4300.0401
38,1 / 28,5 / R 5 / 38,1 / 47,6 / 21 / R 2 / ø 8 / 25,4
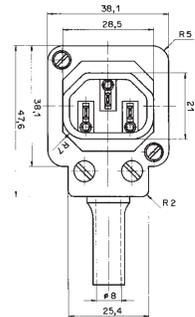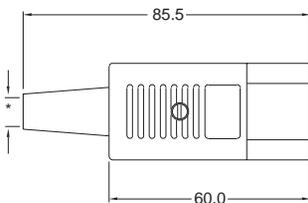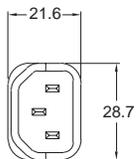
4735.0000
21.6 / 28.7 / 85.5 / 60.0
*ø8.5mm for 14 AWG or 1.5 mm²
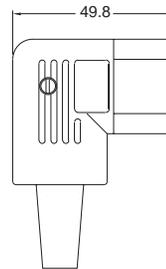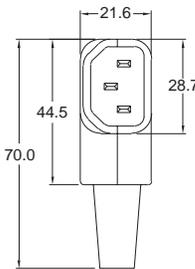
4736.0000
21.6 / 28.7 / 44.5 / 70.0 / 49.8 / 34,9 / 16,3 / 18,6 / 47,6 / 75,4
ø8.5mm for 14 AWG or 1.5 mm²
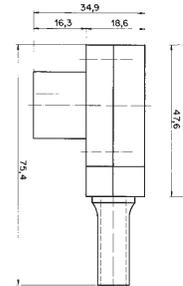
Order Numbers (type)

Inlet plug, cable entry straight (in plug axis)		Inlet plug, cable entry angled (90˚ to plug axis)		Inlet plug, cable entry angled (90˚ to plug axis)		Max. cable size
4300.0407	(8143)	**4300.0411**	(8143.A)	**4300.0401**	(P685)	18 AWG or 1.0 mm²
4732.0000		**4733.0000**				18 AWG or 1.0 mm²
4735.0000		**4736.0000**				14 AWG or 1.5 mm²

# PLUG MATES Rewireable

Enhanced designs now available:

• Captive internal contacts for easier and more reliable wiring
• Cable clamp screw mounts inside the plug to secure cable

• 4300.0602
• 4782.0100
• 4782.0000

• 4300.0606
• 4785.0100
• 4785.0000

• 4300.0609

Standards: EN60320; IEC 320/C13

• For "cold" connections 70˚C, Protection Class I
• AC outlet plugs with straight or 90˚ cable entry

Standard 4300 Series:
• Max. wire size 18 AWG (1.0 mm²)
• Disassemble plug for cable connection
• Material: thermoplastic, UL 94V-O
  (4300.0609 UL 94V-2)
 Contact material: brass, nickel-plated

			4300.0602	4300.0606 / 0609
UL	recognition	10A/250V *	File #E96454	File #E96454
CSA	certification	10A/250V *	File #LR70111	File #LR70111
VDE	approval	10A/250V	File #63826	File #69635
SEMKO	approval	10A/250V	File numbers on request	File numbers on request
SEV	approval	10A/250V		

*4300.0609: 15A/125V, 10A/250V UL, CSA

Enhanced 4782 / 4785 Series:
• Captive internal contacts
• Cable clamp screw mounts inside the plug to secure cable
• Strain reliefs for either harmonized 1.0 mm², or 14 AWG cable sizes
• Body material: PA6, UL 94V-0
  Contact material: brass

UL	recognition	15A/250V	File #E83589(M)
CSA	certification	15A/250V	File #LR56242-15
VDE	approval	10A/250V	File #100043
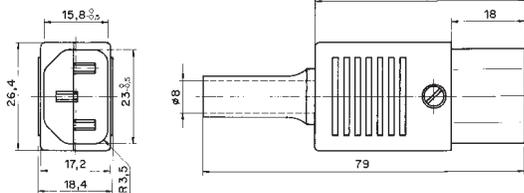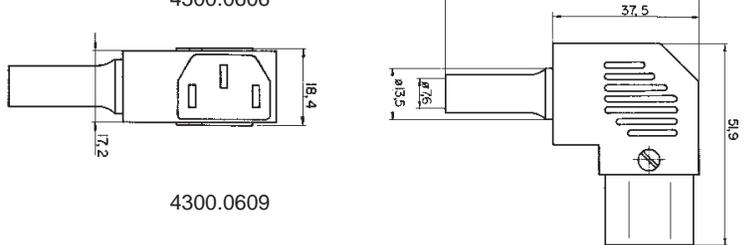
4300.0602

4782 Series, Straight

61.5
28.7
87.0
Internal cable clamp

4785 Series, Angled 90˚

28.7
51.0
44.5
70.0
Internal cable clamp

4300.0606

65
37,5
18,4
7,2
51,9

4300.0609

27,4
23 -0,5 / 0
38,2
13,8
15,8 0/-0,5
44,8
25,6
Ø max. 9.8 mm
18,2
27
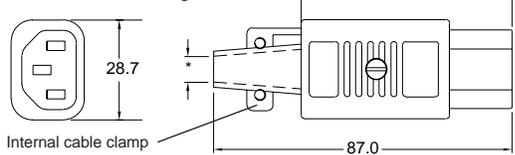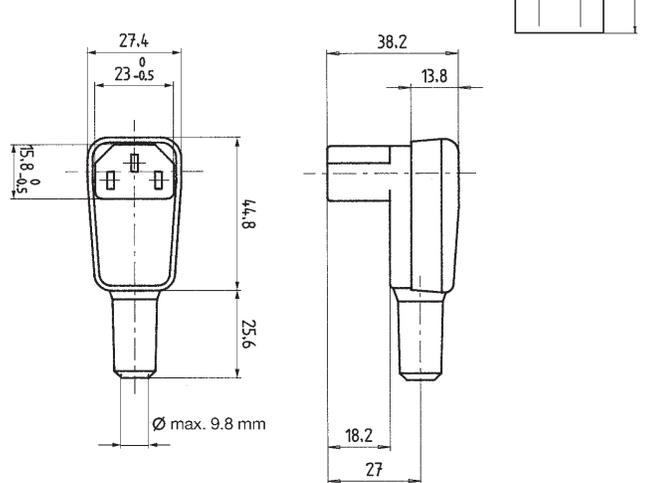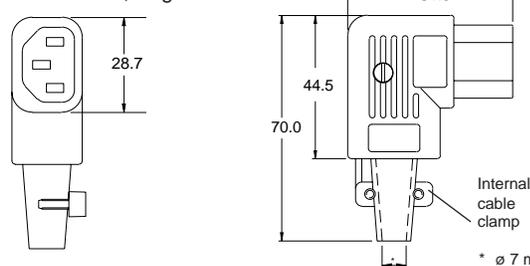
* ø 7 mm for 1.0mm² cable
  ø 8.5 mm for 14 AWG cable

Order Numbers (type)

Outlet plug, cable entry straight (in plug axis)		Outlet plug, cable entry angled (90˚ to plug axis)		Outlet plug, cable entry angled (90˚ to plug axis)		Max. cable size
4300.0602	(P587)	4300.0606	(P587SE)	4300.0609	(SFO430)	18 AWG
4782.0100		4785.0100				14 AWG
4782.0000		4785.0000				1.0 mm²

PLUG MATES Rewireable – For "Hot" connections 120˚C

〔UL〕 〔UL〕 〔SA〕 〔VDE〕

NEW

Enhanced designs now available:

• Captive internal contacts for easier and more reliable wiring
• Strain reliefs for either harmonized 1.0 mm², or 14 AWG cable sizes

• 4300.0603
• 4781.0100
• 4781.0000

• 4300.0607
• 4784.0100
• 4784.0000

Standards: EN60320; IEC 320/C15

• AC outlet plugs with straight or 90˚ angled cable entry
• For "hot" connections 120˚C, Protection Class I

Standard 4300 Series:
• Max. wire size 16 AWG (1.5 mm²)
• Disassemble plug for cable connection
• Material: thermoplastic, UL 94V-2
  Contact material: brass

UL	listing	15A/250V	File #E96454
CSA	certification	15A/250V	File #LR38456
VDE	approval	10A/250V	File #73759

Enhanced 4781/4784 Series:
• Captive internal contacts
• Cable clamp screw mounts inside the plug to secure cable
• Strain reliefs for either harmonized 1.0 mm², or 14 AWG cable sizes
• Disassemble plug for cable connection
• Body material: PA6, UL 94V-0
  Contact material: brass

UL	recognition	15A/250V	File #E83589(M)
CSA	certification	15A/250V	File #LR56242-15
VDE	approval	10A/250V	File #100043

4300.0603

21 • 31 • ø 8.5 • 30 • 58 • 88

4300.0607

28 • 18 • 46 • ø 8.5 • 30 • 51 • 81 • 21

4781 Series, Straight

21.0 • 28.7 • C15 120°C • 61.5 • 87.0 • Internal cable clamp
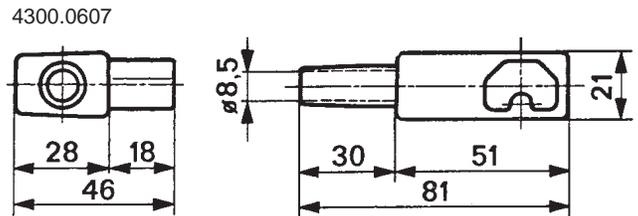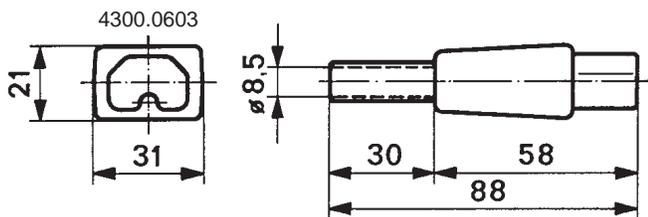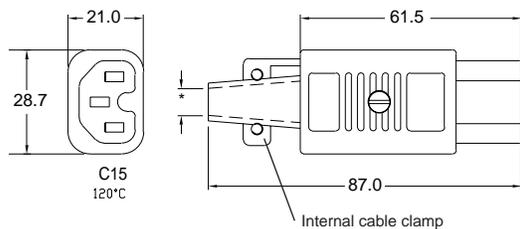
* ø 7 mm for 1.0mm² cable
ø 8.5 mm for 14 AWG cable

4784 Series, Angled 90˚

21.0 • 28.7 • C15 120°C • 51.0 • 44.5 • 70.0 • Internal cable clamp
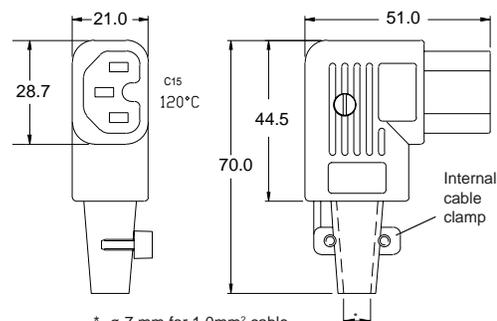
* ø 7 mm for 1.0mm² cable
ø 8.5 mm for 14 AWG cable

Order Numbers (type)

Outlet plug, 120˚C, cable entry straight (in plug axis)	Outlet plug, 120˚C, cable entry angled (90˚ to plug axis)	Max. Cable Size
4300.0603 (8943.W)	4300.0607 (8943.L.W)	16 AWG
4781.0100	4784.0100	14 AWG
4781.0000	4784.0000	1.0 mm²

CORDSETS International

For "cold" connections 70˚ C, Protection Class I
Standards: EN 60320; IEC 320 / C13
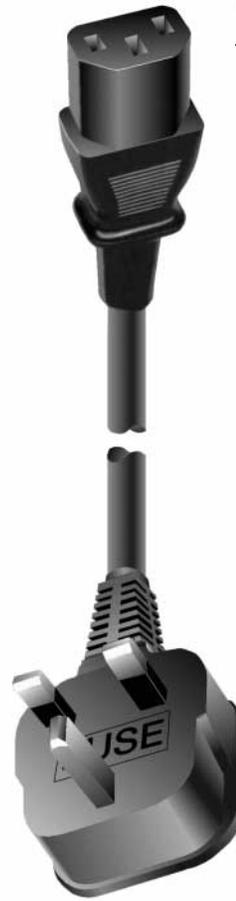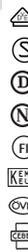
North America Standards: UL 817, CSA 22.2-21 and 182.3	**Japan** Standard: JIS 8303	**Continental Europe** Standard: CEE 7 / VII	**United Kingdom,** **Hongkong, Malaysia,** **Singapore**; Standards: BS 1363A; BS 4491	**Italy** Standard: CEI 23-16 / VII
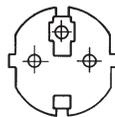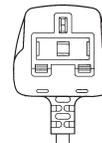
• Cord type: SJT
• Conductor: 3 x 18 AWG
• Strand: 41 / 0.16 mm
• Length: 8 feet
• Overall Dia.: 7.80 mm
• Rated 10 amps/125 volts
• Color: black
	• Cord type: HVCTF3G0.75
	• Conductor: 3 x 0.75 mm^2
	• Strand: 30 / 0.18 mm
	• Length: 2.00 meters
	• Overall Dia.: 7 mm
	• Rated 7 amps/125 volts
	• Color: black
		• Cord type:
		  HO5VV-F3G1.0
		• Conductor: 3 x 1.00 mm^2
		• Length: 2.50 meters
		• Overall Dia.: 7.20 mm
		• Rated 10 amps/250 volts
		• Color: black
			• Cord type:
			  HO5VV-F3G1.0
			• Conductor: 3 x 1.00 mm^2
			• Length: 2.50 meters
			• Overall Dia.: 7.20 mm
			• Rated 10 amps/250 volts
			• Includes 13 amp fuse
			• Color: black
				• Cord type:
				  HO5VV-F3G1.0
				• Conductor: 3 x 1.00 mm^2
				• Length: 2.50 meters
				• Overall Dia.: 7.20 mm
				• Rated 10 amps/250volts
				• Color: black

Order Numbers

4300.0901	4300.0902	4300.0903	4300.0904	4300.0905

CORDSETS International

For "cold" connections 70˚ C, Protection class I
Standards: EN 60320; IEC 320 / C13

Switzerland Standard: SEV 1011	**Australia** **New Zealand** Standards: AS 3112-1990, AS 3109 C13	**N. American Jumper** Standards: UL 817, CSA C22.2-21 and 182.3, IEC 320-2-2	**International Jumper** Standards: EN 60320 C14, IEC 320-2-2	**Medical Grade** Standards: NEMA 5-15P Medical caution labels available on request
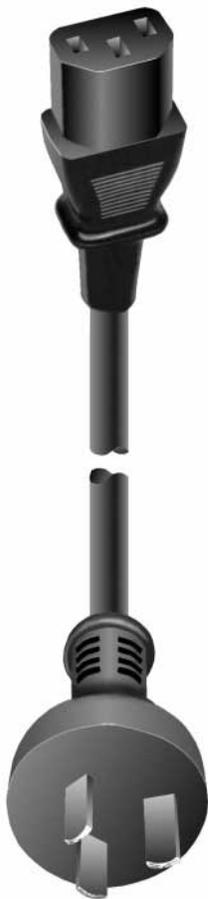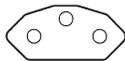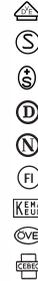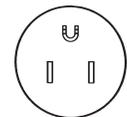
• Cord type:
  HO5VV-F3G1.0
• Conductor: 3 x 1.00 mm²
• Length: 2.50 meters
• Overall Dia.: 7.10 mm
• Rated 10 amps/250 volts
• Color: black
	• Cord type: HO5VV -
	  F3G1.0 (4300.0907); 3ASL/
	  1003G1.0 (4300.0908)
	• Conductor: 3 x 1.00 mm²
	• Length: 2.50 meters
	• Overall Dia.: 7.20 mm
	• Rated 10 amps/250 volts
	• Color: black
		• Cord type:SJT
		• Conductor: 3 x 18 AWG
		• Strand: 41 / 0.16 mm
		• Length: 1.00 meters
		• Overall Dia.: 7.80 mm
		• Rated 10 amps/125V
		• Color: black
			• Cord type:
			  HO5VV-F3G1.0
			• Conductor: 3 x 1.00 mm²
			• Strand: 32 / 0.20 mm
			• Length: 1.00 meter
			• Overall Dia.: 7.10 mm
			• Rated 10 amps/250 volts
			• Color: black
				• Cord type: SJT
				• Conductor: 3 x 18 AWG
				• Strand: 41 / 0.16 mm
				• Length: 10 feet
				• Overall Dia.: 7.80 mm
				• Rated 10 amps/125, 250
				  volts; 15A/125 volts
				• Color: clear

Order Numbers

4300.0906	4300.0907 (acc. to EANSW) 4300.0908 (acc. to QEC)	4300.0909	4300.0910	4300.0920

Cordsets Miniature, Low Current (2.5A/250V)

Europlug

Nema (U.S. and Canada)

Continental Europe

United Kingdom

CMF C6

CMF C8 (polarized)

CMF C8

Ordering example for cordsets:
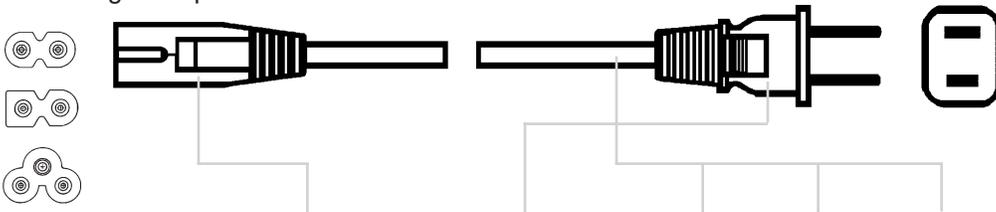
For CMF low current inlet / switch, see page 31

Order Numbers

Cordset	Equipment End	Destination End	Cordage	Color	Length of Cable (standard)*	Rated Current	Approvals
CS01.0221.150	C7 plug (non-polarized) mates to C8 connector	Nema 1-15P	standard SPT2	Black	1500mm	7A /125V	UL #E55943SP CSA #LR035162
CS02.0221.150	C7 plug (polarized) mates to C8 connector	Nema 1-15P	standard SPT2	Black	1500mm	2.5A/250V	UL #E136285; CSA #LR86473 (destination end), #LL93548 (equipment end)
CS01.0121.150	C7 plug (non-polarized) mates to C8 connector	Europlug CEE 7/16	H03VVH2-F	Black	1500mm	2.5A/250V	VDE, SEV, Semko, KEMA, NEMKO,OVE, CEBEC, DEMKO, SETI, UTE, IMQ
CS01.0321.150	C7 plug (non-polarized) mates to C8 connector	Continental Europe CEE 7/7	H03VVH2-F	Black	1500mm	2.5A/250V	VDE, Semko, NEMKO, OVE, CEBEC, SETI, UTE, KEMA
CS01.0421.150	C7 plug (non-polarized) mates to C8 connector	United Kingdom BS 1363	H03VVH2-F	Black	1500mm	2.5A/250V	ASTA (United Kingdom)
CS03.0421.150	C5 plug (polarized) mates to connector C6	United Kingdom BS 1363	H03VV-F	Black	1500mm	2.5A/250V	ASTA (United Kingdom)
CS03.0521.150	C5 plug (polarized) mates to connector C6	Schuko Plug CEE 7/7	H03VV-F	Black	1500mm	2.5A/250V	VDE, Semko, NEMKO, OVE, CEBEC, SETI, UTE, KEMA
CS03.0621.150	C5 plug (polarized) mates to connector C6	North America NEMA 5-15P (U.S.)	standard SPT2	Black	1500mm	2.5A/250V	UL, CSA

*Other cable lengths available. Contact Schurter, Inc. for minimums and lead-times.

Accessories For AC Inlets, Plugs and Power Entry Modules

**Insulation Cover for
AC Inlets, Outlets and
Power Entry Modules**

KG

KD

KE

KEC

KEB (2-pole)

Series 6200   KEA   KEB (1-pole)

Series 6100   Series 6600
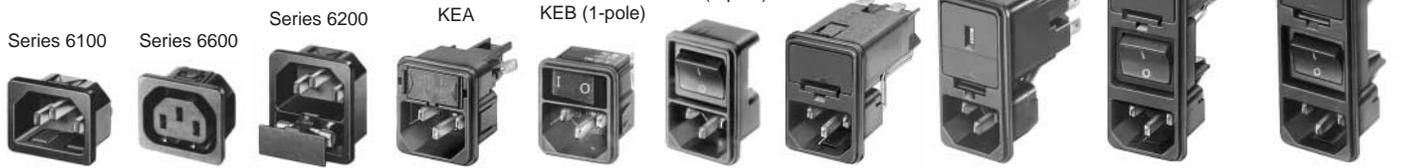
Technical Data:
- Material: flexible plastic PVC
- Surface resistance: 7.8 x $10^8\,\Omega$ at 23° C, 63% humidity

- Easily mountable from back side
- Oxygen Index Rating: 30 (tested by Cookson Labs)
 Based on the Oxygen Index Rating, material qualifies for UL 94V-O

Order Numbers

Series	Order No.	Series	Order No.
KEA (except pcb mount type)	0859.0047	KG / CG with or without bowden cable	0859.0109
KEB (1-pole) all part numbers	0859.0047	CD with or without bowden cable	0859.0077
KEB (2-pole) all part numbers	0859.0075	CE all part numbers	0859.0108
KEC / KFC all part numbers	0859.0072	Series 6100 / 6102 / 6110 / 6120	0859.0048
KD with or without bowden cable	0859.0074	Series 6200 / 6202 / 6220 / 6600	0859.0047
KE all part numbers	0859.0076		

Cord Retaining Clamp (to prevent loosening or accidental removal)

40

A
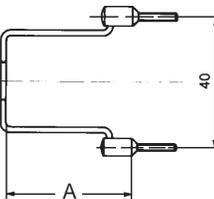
0888.0001
Clamp with hexnuts

⌀3,2/M3

27,5 $^{+0,2}_{0}$

R3 $^{0}_{-0,2}$

(6,1)

36
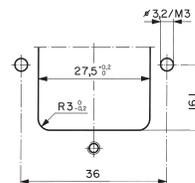
Drawing for 0888.0004/0005
only: Clamp with hexnuts

For filter type:
nominal size +0.5mm

Selection Chart for Cord Retaining Clamp

Select desired inlet and plug. Match corresponding number to legend at right to identify retaining clamp order number.

Plug \ Inlet	KEA snap-in	KEA / KFA screw-on	KEB I snap-in	KEB I / KFB I screw-on	KEB II / KFB II	KEC / KFC	KD / CD	KE / CE	KG / CG	KFS / KFX	FELCOM 54 / 64	5100 screw-on	5110 screw-on	5200 screw-on	5220 screw-on	6100 screw-on	6100 snap-in	6110 screw-on	6110 snap-in	6200 screw-on	6200 snap-in	6220 screw-on	6220 snap-in	6600 screw-on
4300.0602	3	2	3	2	3	3	3	3	3	1	3	1	1	2	2	1	3			2	3	2	3	
4300.0603																		4	5					
4300.0407																								6

	Order No.	Dim. A (mm)
1	0888.0001	38.0
2	0888.0004	39.0
3	0888.0005	41.0
4	0888.0015	45.5
5	0888.0016	48.0
6	0888.0017	43.0

PowerTel Tamper-Evident Plug

- Determines when equipment has been used
- Ideal for sorting out sterilized versus non-sterilized or used equipment
- Fits any IEC 320/C14 receptacle
- For "cold" connections (70°C), use part no. 0888.0250
- For "hot" connections (120°C to 155°C), use part no. 0888.0251