

SECTION 5



SOCKET

INTERNATIONAL



www.wellshin.com

REVISED EDITION: 50:11:AM-30-December-2021
Total: 45 pages



INTERNATIONAL SOCKETS

Straight blade Inlets	5.1
Straight Blade Outlets	5.2
Straight Blade Switch/Outlets	5.4
Straight Blade Outlets w. USB	5.4
Straight Blade Duplex Hospital Receptacles	5.5
Protection against electric shock wall receptacle	5.6
Straight Blade Flush Mount Receptacles	5.7
Locking Flanged Inlets.....	5.8
Locking Flanged Outlets.....	5.11
Locking Single Flush Receptacles.....	5.12
20 AMP 125V TW use Detachable Power Inlets	5.14
20 AMP 250V TW use Detachable Power Inlets	5.14
30 AMP 125V TW use Detachable Power Inlets	5.15
30 AMP 125V TW use Detachable Power Outlets	5.15
30 AMP 250V TW use Detachable Power Inlets	5.16
50 AMP 125V TW use Detachable Power Inlets	5.17
50 AMP 125V TW use Detachable Power Outlets	5.18

CONTENTS



Detachable European Power Inlets	5.19
50 AMP 125/250V TW use Detachable Power Inlets	5.20
50 AMP 125/250V TW use Detachable Power Inlets	5.21
50 AMP 125/250V TW use Detachable Power Outlets	5.22
50 AMP 125/250V Detachable RV Camp Power Inlets	5.23
30 AMP 125V Detachable RV Camp Power Inlets	5.24
Round prongs, Squared prongs outlets	5.25
Angled flat prongs outlets	5.26
Multilateral outlets	5.27
IEC 60320-1 Series of Appliance Inlets	5.28
IEC 60320-2-2 Series of Outlets	5.32
IEC 309 Series of Pin and Sleeve	5.34
OEM Sockets	5.36
Accessories: Strain Relief Bushing	5.38
Socket Technical Information	5.40

Copyright © 2009 by Well Shin Technology Co., Ltd. All rights reserved. None of the information provided here may be used, duplicated, reproduced, either partially or completely, without prior permission of Well Shin.

本公司之目錄享有法律著作權，未經授權不得摘編、拷貝、使用。

Information provided here may consist of uncertainty, Well Shin reserves the right to revise or explain all the time.

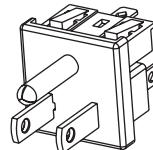
目錄中資料可能因疏失而存在錯誤，本公司保留隨時修正或解釋的權利。



Sockets

Straight blade Inlets

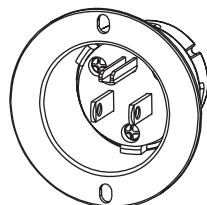
Straight blade Inlets



WS-337
NEMA 5-15P
Material: PC

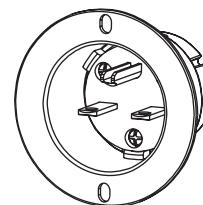
Straight blade Flanged Inlets

2 Pole, 3 Wire Grounding
15 Ampere, 125 Volts



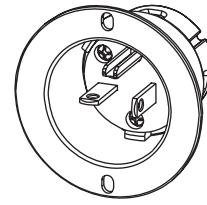
WS-001-8
NEMA 5-15P

2 Pole, 3 Wire Grounding
15 Ampere, 250 Volts



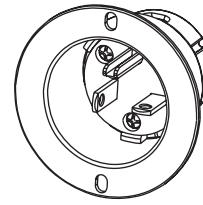
WS-001-9
NEMA 6-15P

2 Pole, 3 Wire Grounding
20 Ampere, 125 Volts



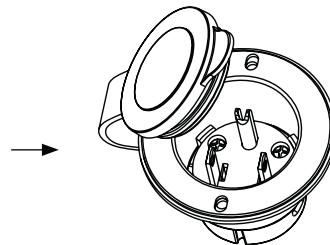
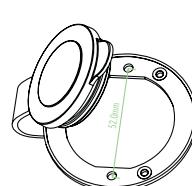
WS-001-10
NEMA 5-20P

2 Pole, 3 Wire Grounding
20 Ampere, 250 Volts



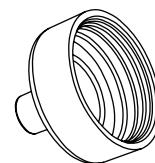
WS-001-11
NEMA 6-20P

Watertight Cover is available.



5.1

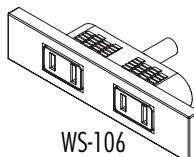
Watertight Boot is available.



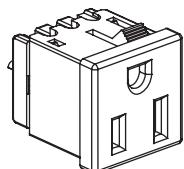


Straight Blade Outlets

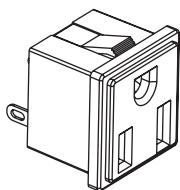
**2 Pole, 2 Wire Grounding
15 Ampere, 125 Volts, NEMA 1-15R**



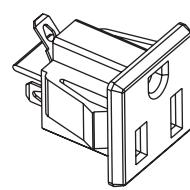
**2 Pole, 3 Wire Grounding
15 Ampere, 125 Volts, NEMA 5-15R**



WS-043-1



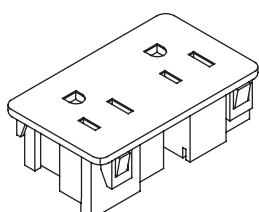
WS-043-1-1



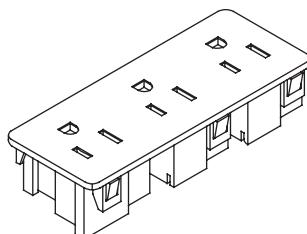
WS-043-1-3



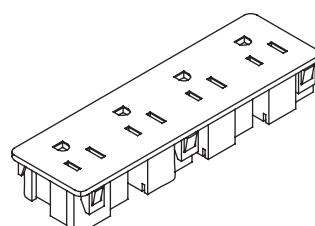
WS-043-1-7
360° Rotatable Plug



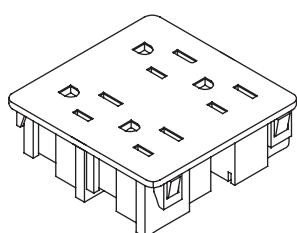
WS-043-2



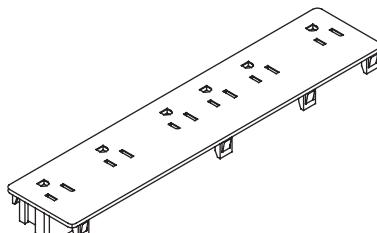
WS-043-3



WS-043-4

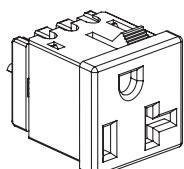


WS-043-4-1



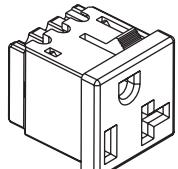
WS-043-6

**2 Pole, 3 Wire Grounding
15 Ampere and 20 Ampere, 125 Volts, NEMA 5-15R, NEMA 5-20R**



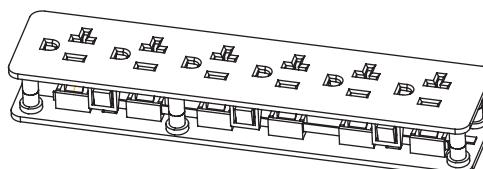
WS-043-1-2

Terminals for PCB



WS-043-1-2A

Terminals for quick-connect



WS-043-6-1

5.2

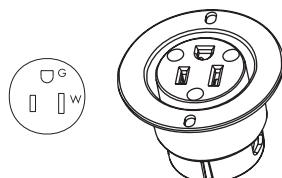


Sockets



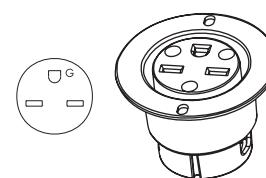
Straight blade Flanged Outlets

**2 Pole, 3 Wire Grounding
15 Ampere, 125 Volts**



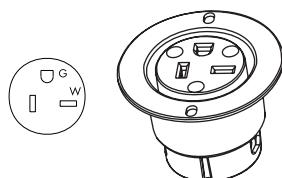
WS-022A-1
NEMA 5-15R

**2 Pole, 3 Wire Grounding
15 Ampere, 250 Volts**



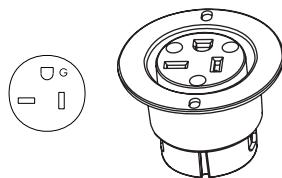
WS-172-B
NEMA 6-15R

**2 Pole, 3 Wire Grounding
20 Ampere, 125 Volts**



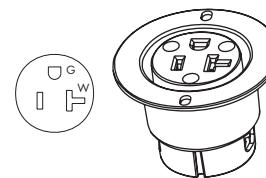
WS-170-B
NEMA 5-20R

**2 Pole, 3 Wire Grounding
20 Ampere, 250 Volts**



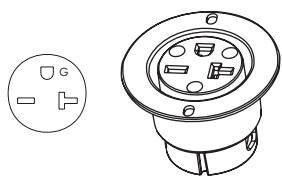
WS-171-B
NEMA 6-20R

**2 Pole, 3 Wire Grounding
15 and 20 Ampere, 125 Volts**



WS-170-1B
NEMA 5-20R

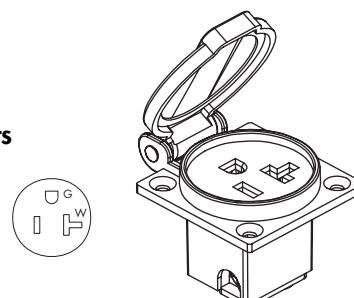
**2 Pole, 3 Wire Grounding
15 and 20 Ampere, 250 Volts**



WS-171-1B
NEMA 6-20R

Straight blade Flanged weathertight Receptacle

**2 Pole, 3 Wire Grounding
15 and 20 Ampere, 125 Volts**



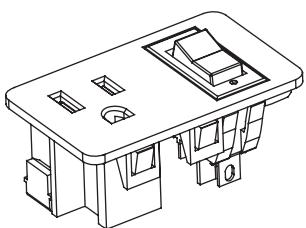
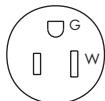
WS-043-1-4
NEMA 5-20R



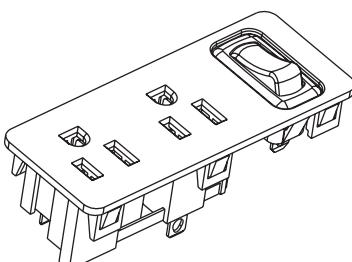


Straight Blade Switch/Outlets

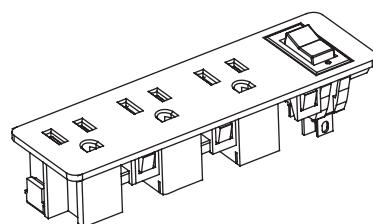
2 Pole, 3 Wire Grounding
15 Ampere, 125 Volts, NEMA 5-15R



WS-043-1-6

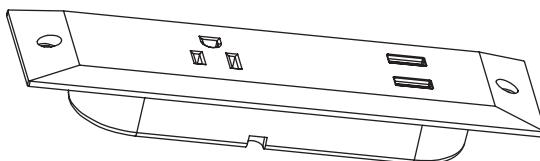


WS-043-2-1
Two outlets

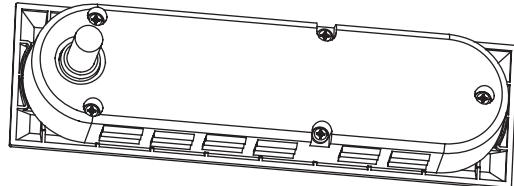
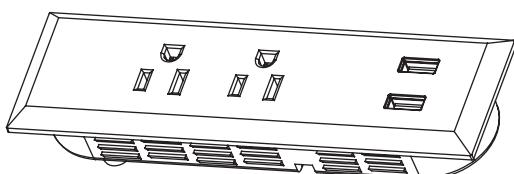


WS-043-3-1
Three outlets

Straight Blade Outlets w. USB



WS-161-34
1 5-15R outlets, 2 output 5V 1A USB



WS-161-35
2 5-15R outlets, 2 output 5V 1A USB

5.4





Sockets

Straight Blade Duplex Hospital Receptacles

2 Pole, 3 Wire Grounding, Hospital Grade



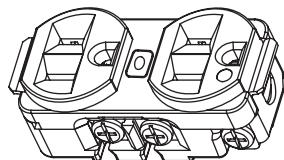
15Ampere, 125 Volts,
NEMA 5-15R



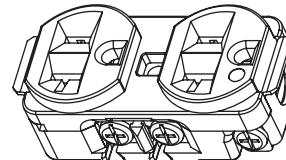
20 Ampere, 125 Volts,
NEMA 5-15/20R



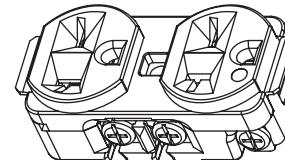
20 Ampere, 250 Volts,
NEMA 6-15/20R



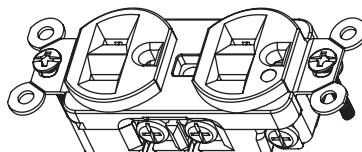
WS-043-2-2 c



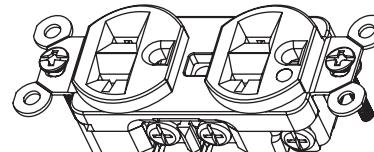
WS-043-2-3 c



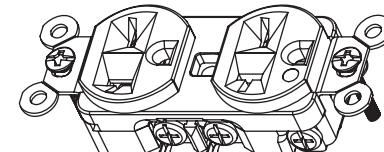
WS-043-2-4 c



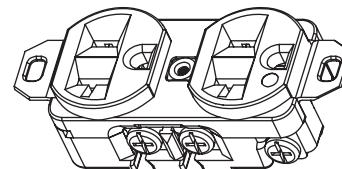
WS-043-2-2 (yoke) c



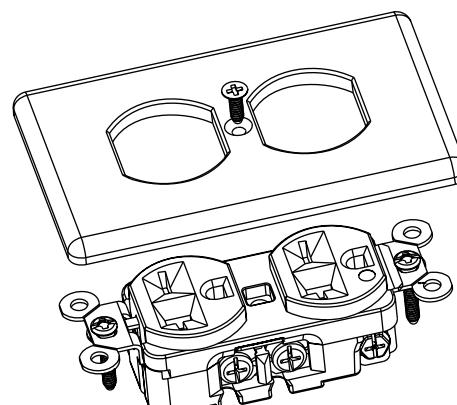
WS-043-2-3 (yoke) c



WS-043-2-4 (yoke) c



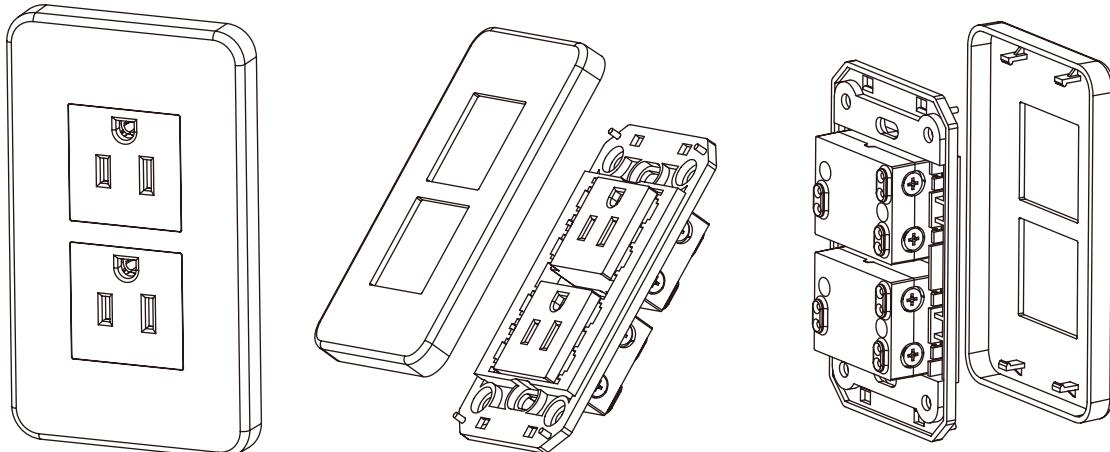
WS-043-2-3A



Standard size plastic or metal wallplates for
Double receptacle.

5.5



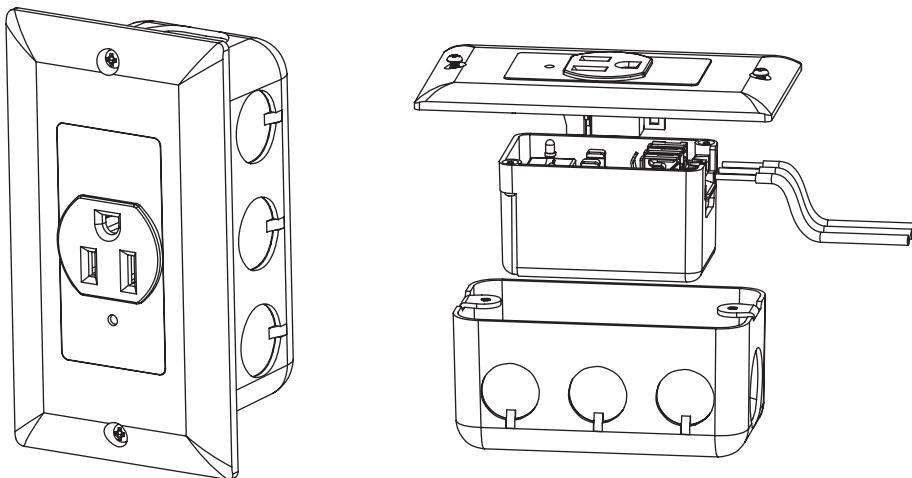


WS-341-2

Shutter Protection, Flush, black nylon face, back and side wired, multiple drive screws.
15A 125V

Protection against electric shock wall receptacle

Flush, black nylon face, back and side wired, multiple drive screws. With LED power indicator light.
15A 125V



5.6

WS-341-1



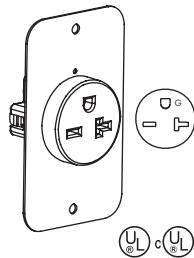


Sockets

Straight Blade Flush Mount Receptacles

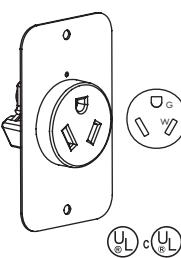
2 Pole, 3 Wire Grounding

15 and 20 Ampere,
250 Volts.



WS-303 NEMA 6-15/20R
PA+15%GF

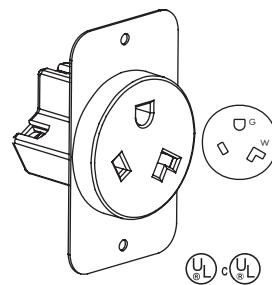
20 Ampere,
277 Volts AC



WS-305 NEMA 7-20R
PA+15%GF

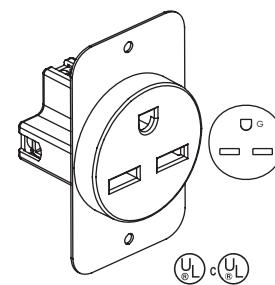
2 Pole, 3 Wire Grounding

30 Ampere,
277 Volts AC.



WS-306 NEMA 7-30R
PA66+15%GF

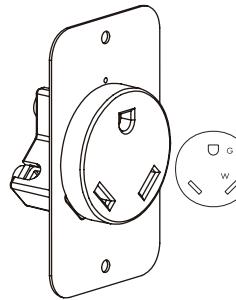
30 Ampere,
250 Volts.



WS-304 NEMA 6-30R
PA66+15%GF

2 Pole, 3 Wire Grounding

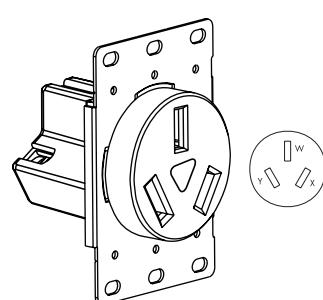
30 Ampere 120 Volts AC,



WS-232-A
NEMA TT-30R

3 Pole, 3 Wire Grounding

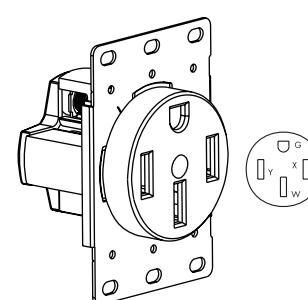
50 Ampere, 125/250 Volts,



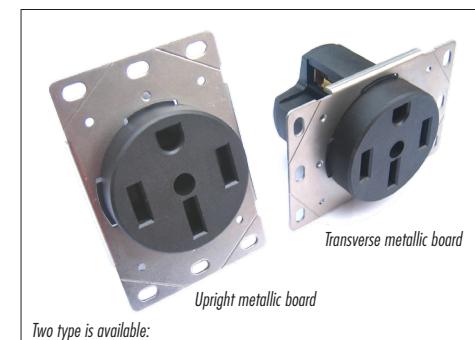
WS-263-A
NEMA 10-50R

3 Pole, 4 Wire Grounding

50 Ampere, 125/250 Volts,



WS-262
NEMA 14-50R

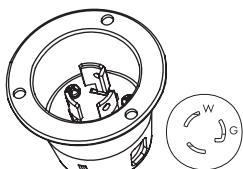


Two type is available:

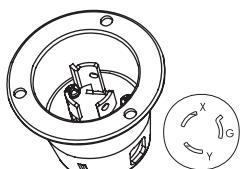


Locking Flanged Inlets

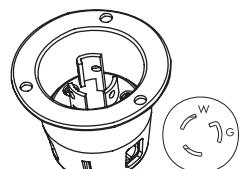
**2 Pole, 3 Wire Grounding
15 Ampere,
125, 250 Volts and 277 Volts AC**



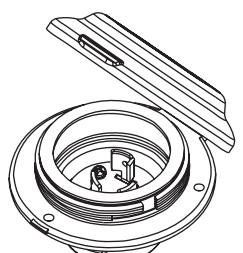
WS-118-A
NEMA L5-15P c



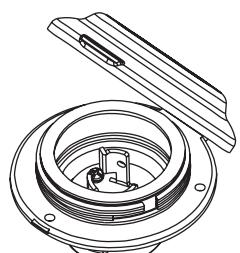
WS-123-A
NEMA L6-15P c



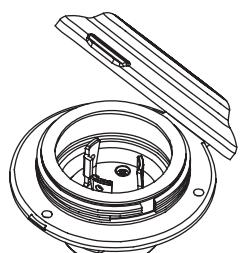
WS-226-A
NEMA L7-15P c



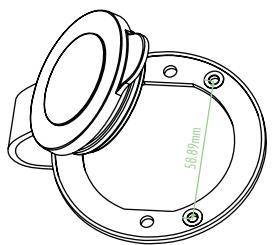
* WS-118-B
NEMA L5-15P
with Cover, Watertight Inlet



* WS-123-B
NEMA L6-15P
with Cover, Watertight Inlet

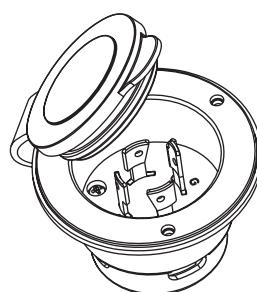


* WS-226-B
NEMA L7-15P
with Cover, Watertight Inlet



* Watertight Cover

For Example:
→



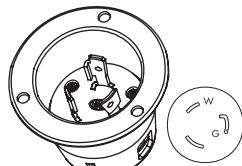
5.8



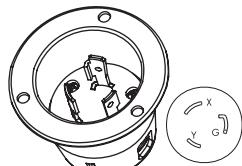


Sockets

**2 Pole, 3 Wire Grounding
20 Ampere, 125 and 250 Volts**

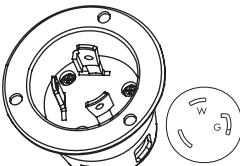


WS-117-A
NEMA L5-20P

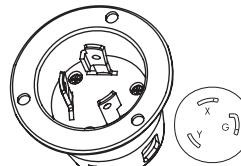


WS-119-A
NEMA L6-20P

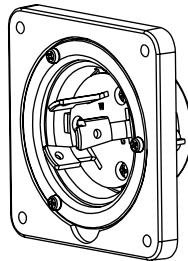
**2 Pole, 3 Wire Grounding
30 Ampere, 125 and 250 Volts**



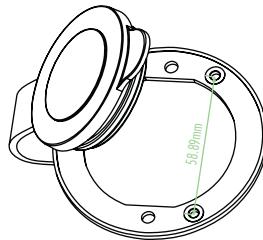
WS-121-A
NEMA L5-30P



WS-120-A
NEMA L6-30P



WS-120-D
NEMA L6-30P
Watertight Inlet



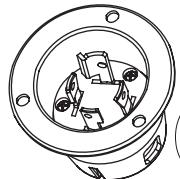
* Watertight Cover



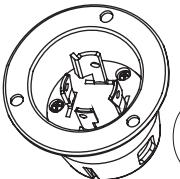
Sockets



**3 Pole, 4 Wire Grounding
20 Ampere, 125/250 Volts and 3Ø 250 Volts**

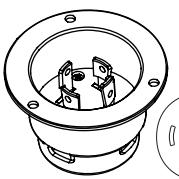


WS-129-A
NEMA L14-20P

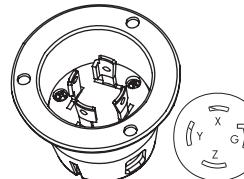


WS-130-A
NEMA L15-20P

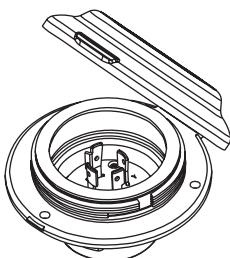
**3 Pole, 4 Wire Grounding
30 Ampere, 125/250 Volts and 3Ø 250 Volts**



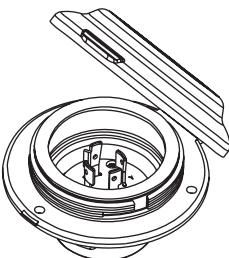
WS-122-A
NEMA L14-30P



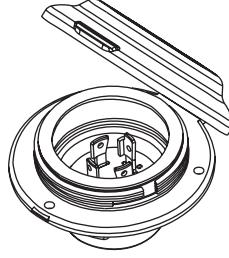
WS-131-A
NEMA L15-30P



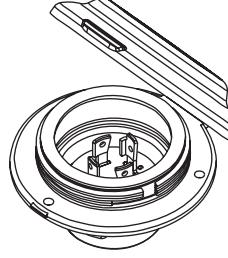
* WS-129-B
NEMA L14-20P
with Cover, Watertight Inlet



* WS-130-B
NEMA L15-20P
with Cover, Watertight Inlet

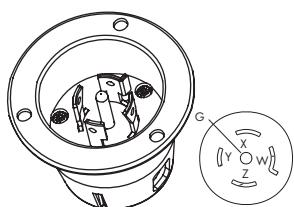


* WS-122-B
NEMA L14-30P
with Cover, Watertight Inlet

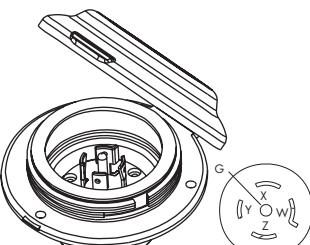


* WS-131-B
NEMA L15-30P
with Cover, Watertight Inlet

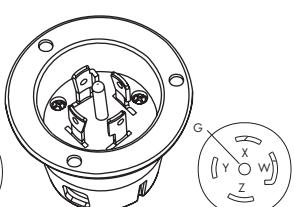
**4 Pole, 5 Wire Grounding
20 and 30 Ampere, 3ØY 120/208 Volts AC**



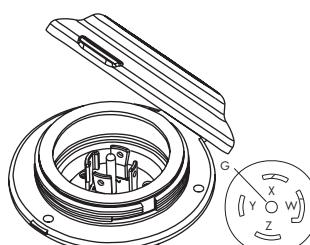
* WS-234-A
NEMA L21-20P



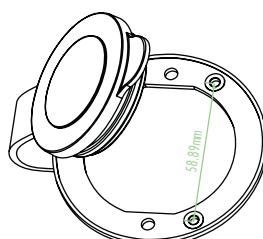
* WS-234-B
NEMA L21-20P
with Cover, Watertight Inlet



* WS-225-A
NEMA L21-30P



* WS-225-B
NEMA L21-30P
with Cover, Watertight Inlet



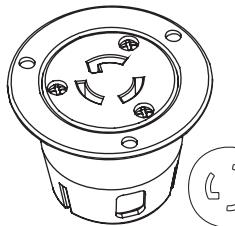
* Watertight Cover



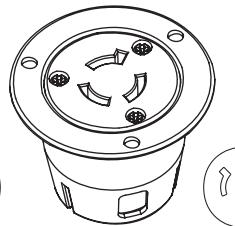
Sockets

Locking Flanged Outlets

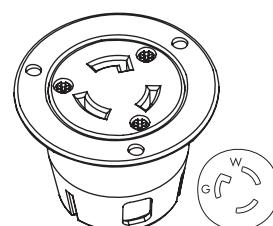
**2 Pole, 3 Wire Grounding
15 Ampere,
125, 250 Volts and 277 Volts AC**



WS-108-A L5-15R

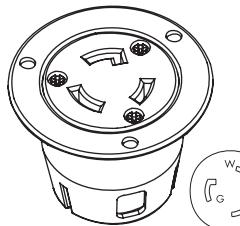


WS-173-A L6-15R

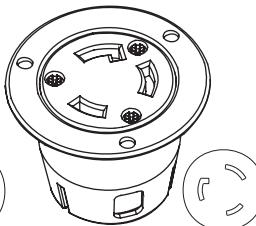


* WS-312-A L7-15R

**2 Pole, 3 Wire Grounding
20 Ampere, 125 and 250 Volts**

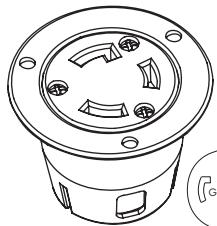


WS-111-A L5-20R

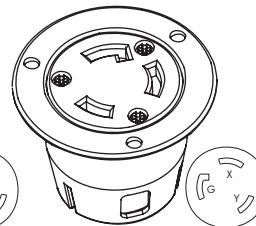


WS-174-A L6-20R

**2 Pole, 3 Wire Grounding
30 Ampere, 125 and 250 Volts**

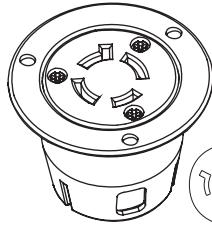


WS-113-A L5-30R

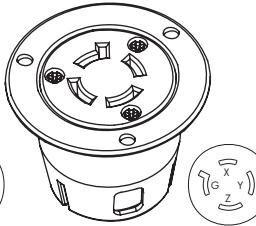


WS-175-A L6-30R

**3 Pole, 4 Wire Grounding
20 Ampere, 125/250 Volts and 3Ø 250 Volts**

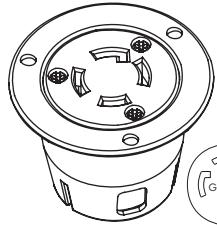


WS-176-A L14-20R

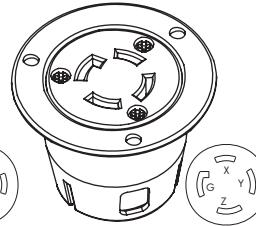


WS-178-A L15-20R

**3 Pole, 4 Wire Grounding
30 Ampere, 125/250 Volts and 3Ø 250 Volts**

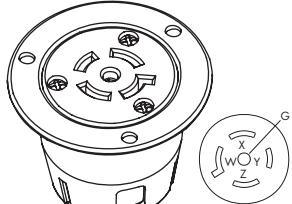


WS-177-A L14-30R

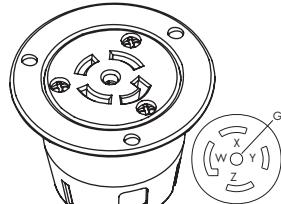


WS-179-A L15-30R

**4 Pole, 5 Wire Grounding
20 and 30 Ampere, 3ØY 120/208 Volts AC**



* WS-310-A L21-20R



* WS-313-A L21-30R

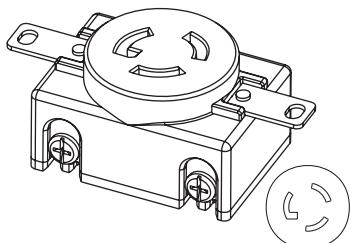
5.11



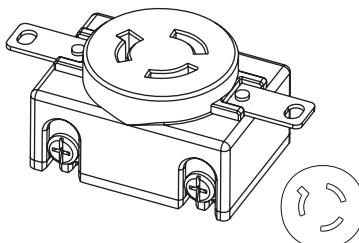


Locking Single Flush Receptacles Back and Side Wired

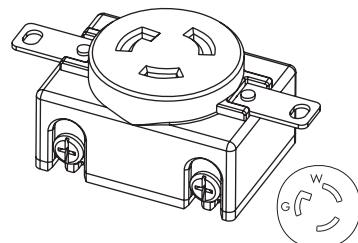
**2 Pole, 3 Wire Grounding
15 Ampere,
125, 250 Volts and 277 Volts AC**



*WS-108-B
NEMA L5-15R

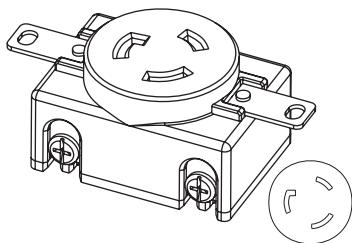


*WS-173-B
NEMA L6-15R

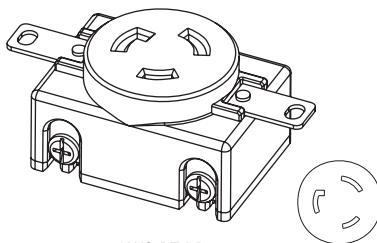


*WS-312-B
NEMA L7-15R

**2 Pole, 3 Wire Grounding
20 Ampere, 125 and 250 Volts**

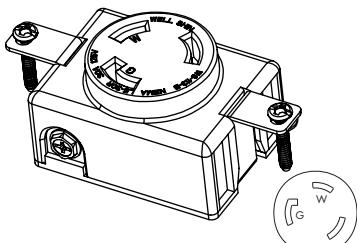


*WS-111-B
NEMA L5-20R

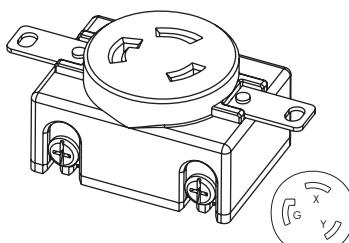


*WS-174-B
NEMA L6-20R

**2 Pole, 3 Wire Grounding
30 Ampere, 125 and 250 Volts**



WS-113-B
NEMA L5-30R

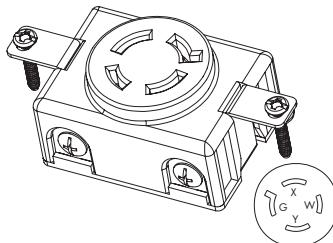


*WS-175-B
NEMA L6-30R

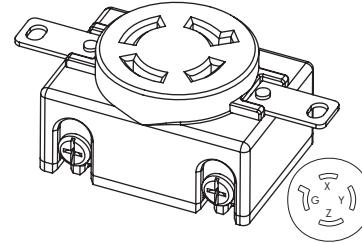


Sockets

**3 Pole, 4 Wire Grounding
20 Ampere, 125/250 Volts and 3Ø 250 Volts**

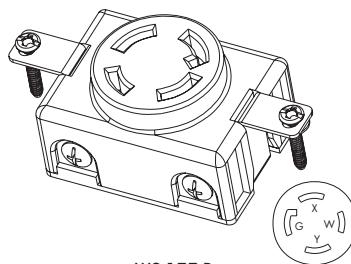


WS-176-B
NEMA L14-20R

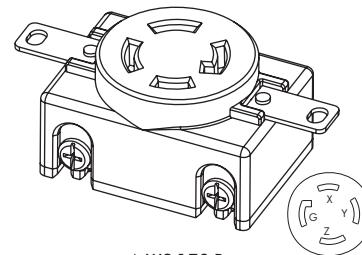


* WS-178-B
NEMA L15-20R

**3 Pole, 4 Wire Grounding
30 Ampere, 125/250 Volts and 3Ø 250 Volts**

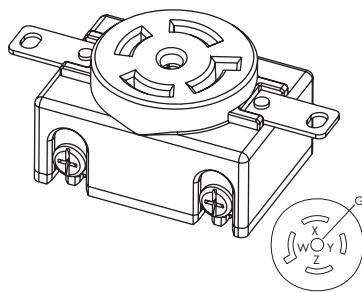


WS-177-B
NEMA L14-30R

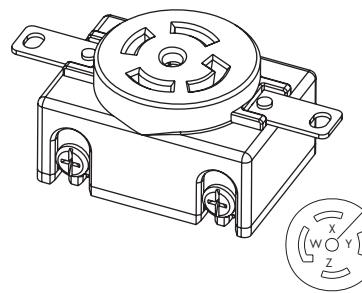


* WS-179-B
NEMA L15-30R

**4 Pole, 5 Wire Grounding
20 and 30 Ampere, 3ØY 120/208 Volts AC**



* WS-310-B
NEMA L21-20R



* WS-313-B
NEMA L21-30R



20 AMP 125V TW use Detachable Power Inlets



Standard Power Inlet.

Twist Locking, 20 Ampere 125 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Locking System.

Watertight Cap.

Contoured Power Inlet.

Twist Locking, 20 Ampere 125 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Locking System.

Smart Cap stays open in the upright position.

Watertight Cap.

Without Stainless steel trim.

Stainless Steel Power Inlet.

Twist Locking, 20 Ampere 125 Voltage.

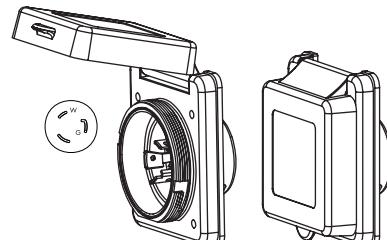
Solid cast 316 stainless steel.

Smart Lock System.

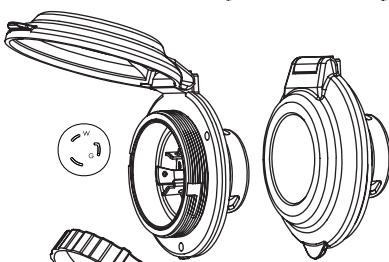
Locking Waterproof Cap.

Smart Cap stays open in the upright position.

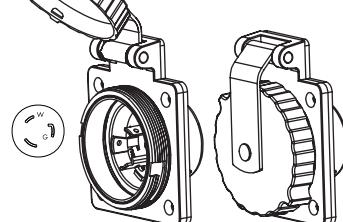
Accepts all Camp Power RV detachable power cordsets.



WS-117-C



WS-117-B



WS-117-E

20 AMP 250V TW use Detachable Power Inlets



Standard Power Inlet.

Twist Locking, 20 Ampere 250 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Locking System.

Watertight Cap.

Contoured Power Inlet.

Twist Locking, 20 Ampere 250 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Locking System.

Smart Cap stays open in the upright position.

Watertight Cap.

Without Stainless steel trim.

Stainless Steel Power Inlet.

Twist Locking, 20 Ampere 250 Voltage.

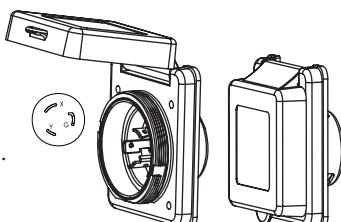
Solid cast 316 stainless steel.

Smart Lock System.

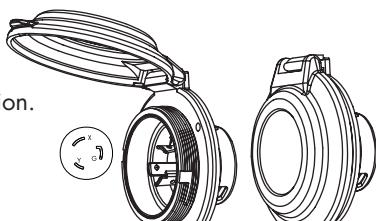
Locking Waterproof Cap.

Smart Cap stays open in the upright position.

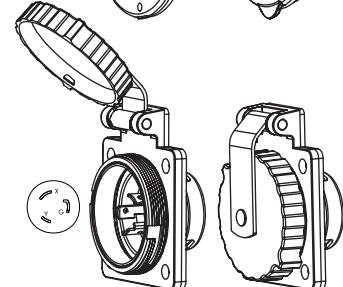
Accepts all Camp Power RV detachable power cordsets.



WS-119-C



WS-119-B



WS-119-E



Sockets



30 AMP 125V TW use Detachable Power Inlets



NEMA L5-30P

Standard Power Inlet.

Twist Locking, 30 Ampere 125 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Locking System.

Watertight Cap.

4-way right angle rear safety enclosure with strain relief.

Contoured Power Inlet.

Twist Locking, 30 Ampere 125 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Locking System.

Smart Cap stays open in the upright position.

Watertight Cap.

8-way right angle rear safety enclosure.

Without Stainless steel trim.

Stainless Steel Power Inlet.

Twist Locking, 30 Ampere 125 Voltage.

Solid cast 316 stainless steel.

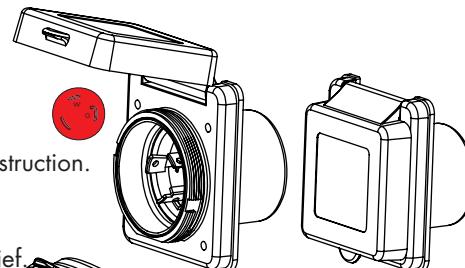
Smart Lock System.

Locking Waterproof Cap.

Smart Cap stays open in the upright position.

8-way right angle rear safety enclosure.

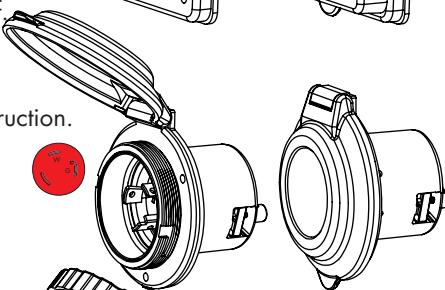
Accepts all Camp Power RV detachable power cordsets.



(UL) c (UL)

WS-121-C

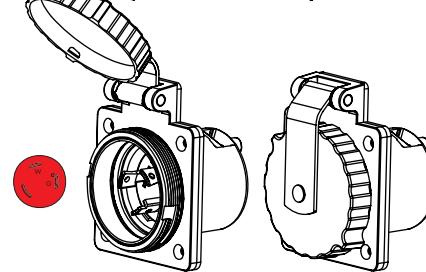
Customer exclusive



(UL) c (UL)

WS-121-B

Customer exclusive



(UL) c (UL)

WS-121-E

Customer exclusive

30 AMP 125V TW use Detachable Power Outlets



NEMA L5-30R

Standard Power Inlet.

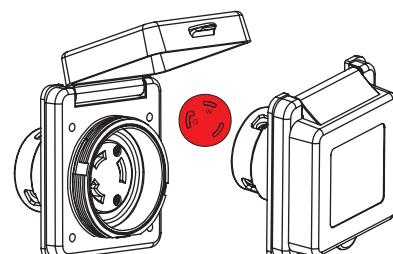
Twist Locking, 30 Ampere 125 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

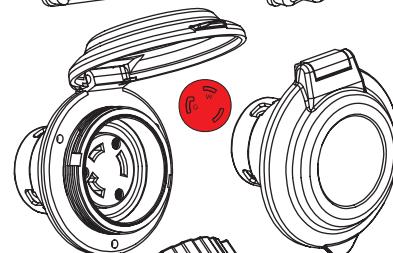
Smart Lock System.

Watertight Cap.

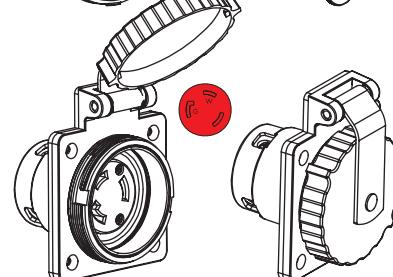
Rear safety enclosure without strain relief.



WS-113-D



WS-113-C



WS-113-E

Contoured Power Inlet.

Twist Locking, 30 Ampere 125 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Lock System.

Watertight Cap.

Rear safety enclosure without strain relief.

Stainless Steel Power Outlet.

Twist Locking, 30 Ampere 125 Voltage.

Solid cast 316 stainless steel.

Smart Lock System.

Locking Waterproof Cap.

Smart Cap stays open in the upright position.





30 AMP 250V TW use Detachable Power Inlets



NEMA L6-30P

Standard Power Inlet. —

Twist Locking, 30 Ampere 250 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Locking System.

Watertight Cap.

4-way right angle rear safety enclosure with strain relief.

Contoured Power Inlet. —

Twist Locking, 30 Ampere 250 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Locking System.

Smart Cap stays open in the upright position.

Watertight Cap.

8-way right angle rear safety enclosure.

Without Stainless steel trim.

Stainless Steel Power Inlet. —

Twist Locking, 30 Ampere 250 Voltage.

Solid cast 316 stainless steel.

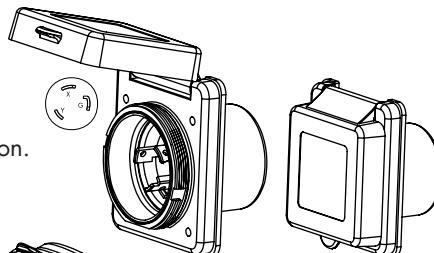
Smart Lock System.

Locking Waterproof Cap.

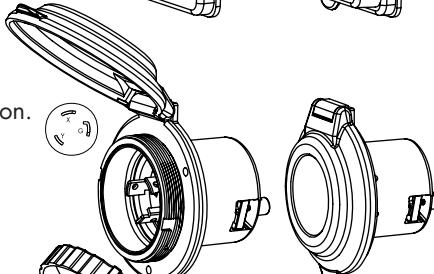
Smart Cap stays open in the upright position.

8-way right angle rear safety enclosure.

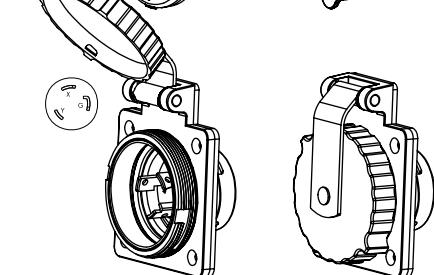
Accepts all Camp Power RV detachable power cordsets.



WS-120-C



WS-120-B



WS-120-E

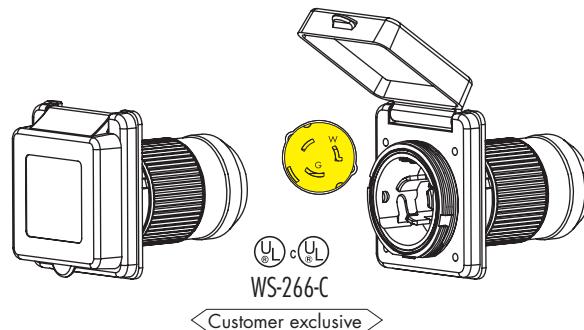
Sockets

50 AMP 125V TW use Detachable Power Inlets

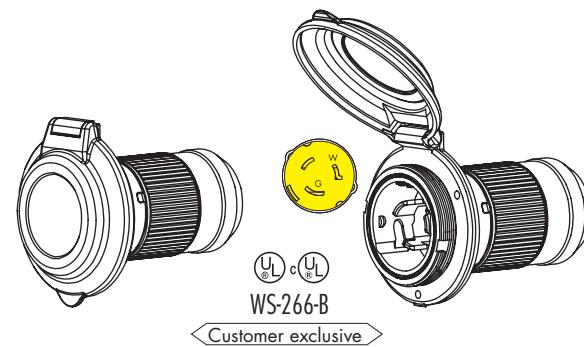


NEMA SS1-50P

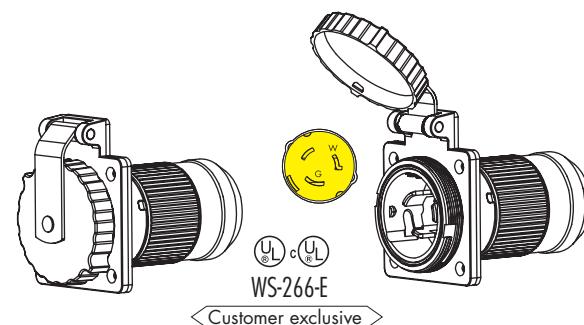
Standard Power Inlet.
Twist Locking, 50 Ampere 125 Voltage.
Marine grade UV stabilized Glass-filled polyester construction.
Smart Lock System.
Watertight Cap.
Cap with Shore Power Warning Rear safety enclosure.
Rear safety enclosure with strain relief.



Contoured Power Inlet.
Twist Locking, 50 Ampere 125 Voltage.
Marine grade UV stabilized Glass-filled polyester construction.
Smart Lock System.
Watertight Cap.
Rear safety enclosure with strain relief.
Cap without Stainless Steel Trim.



Stainless Steel Power Inlet.
Twist Locking, 50 Ampere 125 Voltage.
Solid cast 316 stainless steel.
Smart Lock System.
Smart Cap stays open in the upright position.





50 AMP 125V TW use Detachable Power Outlets



NEMA SS1-50R

Standard Power Outlet.

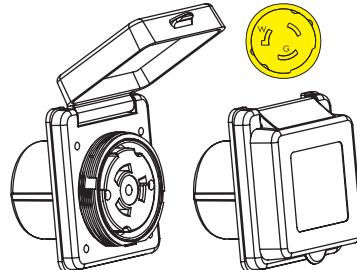
Twist Locking, 50 Ampere 125 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Lock System.

Watertight Cap.

Rear safety enclosure without strain relief.



WS-290-D

Contoured Power Outlet.

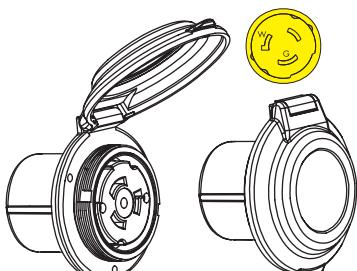
Twist Locking, 50 Ampere 125 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Lock System.

Watertight Cap.

Rear safety enclosure without strain relief.



WS-290-C

Stainless Steel Power Outlet.

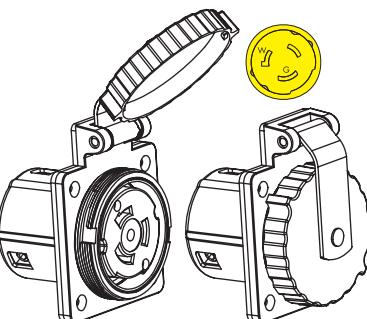
Twist Locking, 50 Ampere 125 Voltage.

Solid cast 316 stainless steel.

Smart Lock System.

Smart Cap stays open in the upright position.

Rear safety enclosure without strain relief.



WS-290-E





Sockets

Detachable European Power Inlets

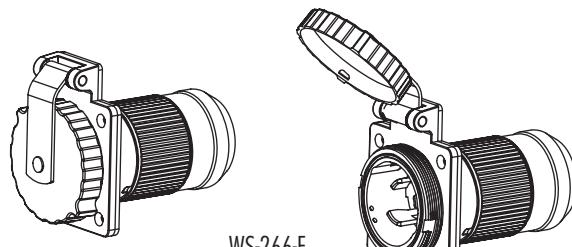
Stainless Steel Power Inlet.

Twist Locking, 63 Ampere 230 Voltage, 50Hz IP56

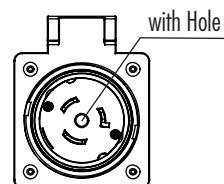
Solid cast 316 stainless steel.

Smart Lock System.

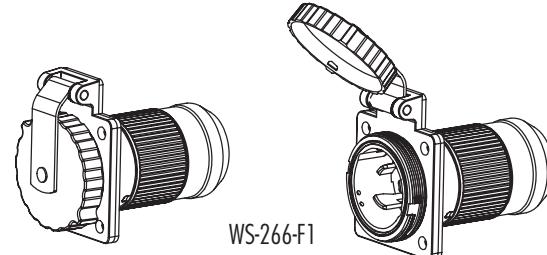
Smart Cap stays open in the upright position.



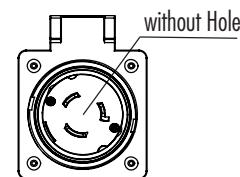
WS-266-F



with Hole



WS-266-F1



without Hole

Stainless Steel Power Inlet.

Twist Locking, 32 Ampere 230 Voltage, 50Hz IP56

Solid cast 316 stainless steel.

Smart Lock System.

Smart Cap stays open in the upright position.





50 AMP 125/250V TW use Detachable Power Inlets



NEMA SS2-50P

Standard Power Inlet.

Twist Locking, 50 Ampere 125/250 Voltage.

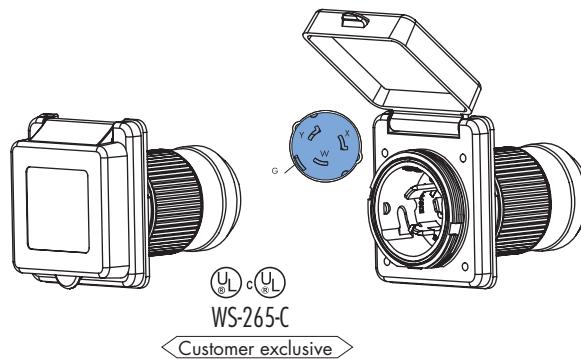
Marine grade UV stabilized Glass-filled polyester construction.

Smart Lock System.

Watertight Cap.

Cap with Shore Power Warning Rear safety enclosure.

Rear safety enclosure with strain relief.



Contoured Power Inlet.

Twist Locking, 50 Ampere 125/250 Voltage.

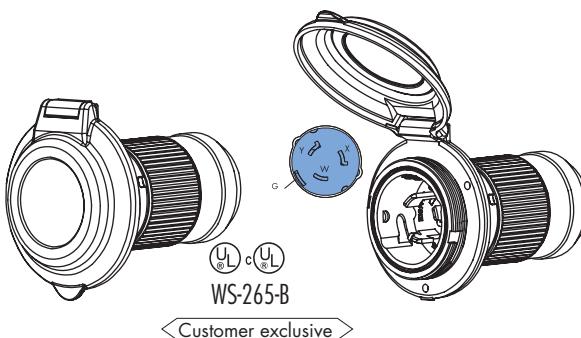
Marine grade UV stabilized Glass-filled polyester construction.

Smart Lock System.

Watertight Cap.

Rear safety enclosure with strain relief.

Cap without Stainless Steel Trim.



Stainless Steel Power Inlet.

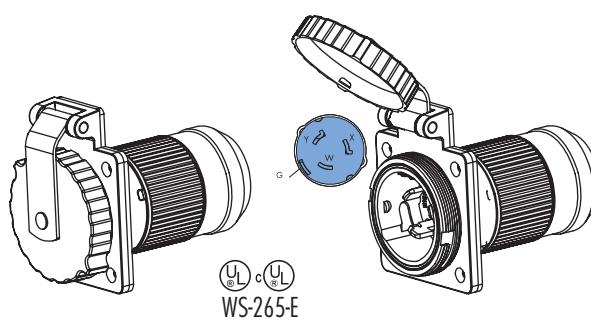
Twist Locking, 50 Ampere 125/250 Voltage.

Solid cast 316 stainless steel.

Smart Lock System.

Smart Cap stays open in the upright position.

Rear safety enclosure with strain relief.



5.20



Sockets

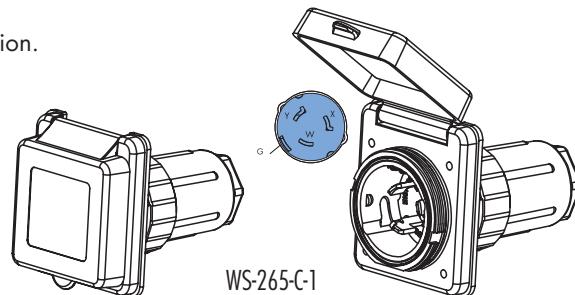
50 AMP 125/250V TW use Detachable Power Inlets



NEMA SS2-50P

Standard Power Inlet.
Twist Locking, 50 Ampere 125/250 Voltage.
Marine grade UV stabilized Glass-filled polyester construction.
Smart Lock System.
Watertight Cap.

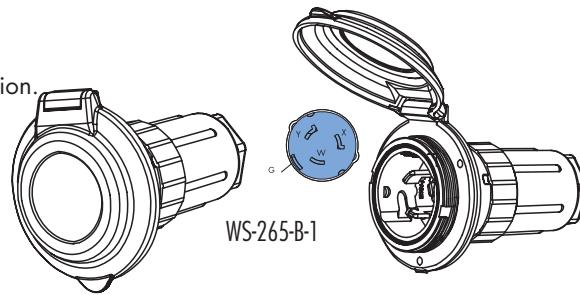
Cap with Shore Power Warning Rear safety enclosure.
Rear safety enclosure with strain relief.



WS-265-C-1

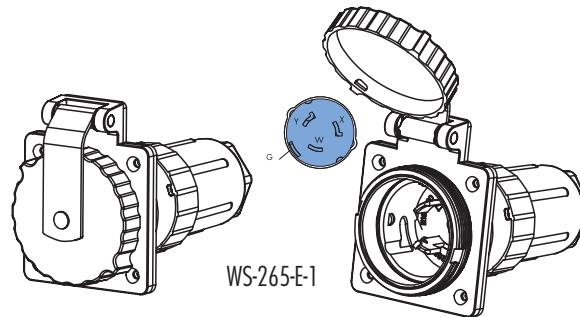
Contoured Power Inlet.
Twist Locking, 50 Ampere 125/250 Voltage.
Marine grade UV stabilized Glass-filled polyester construction.
Smart Lock System.
Watertight Cap.
Rear safety enclosure with strain relief.

Cap without Stainless Steel Trim.



WS-265-B-1

Stainless Steel Power Inlet.
Twist Locking, 50 Ampere 125/250 Voltage.
Solid cast 316 stainless steel.
Smart Lock System.
Smart Cap stays open in the upright position.
Rear safety enclosure with strain relief.



WS-265-E-1



50 AMP 125/250V TW use Detachable Power Outlets



Standard Power Outlet.

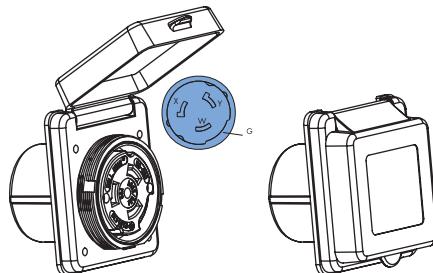
Twist Locking, 50 Ampere 125/250 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Lock System.

Watertight Cap.

Rear safety enclosure without strain relief.



WS-289-D

Contoured Power Outlet.

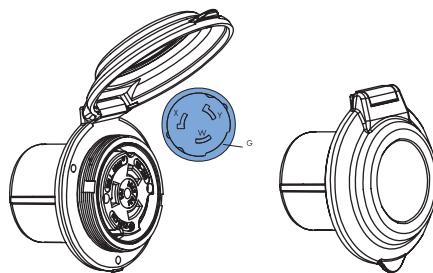
Twist Locking, 50 Ampere 125/250 Voltage.

Marine grade UV stabilized Glass-filled polyester construction.

Smart Lock System.

Watertight Cap.

Rear safety enclosure without strain relief.



WS-289-C

Stainless Steel Power Outlet.

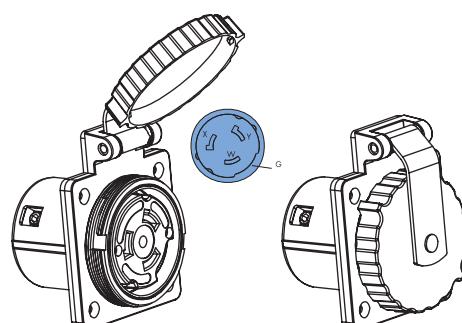
Twist Locking, 50 Ampere 125/250 Voltage.

Solid cast 316 stainless steel.

Smart Lock System.

Smart Cap stays open in the upright position.

Rear safety enclosure without strain relief.



WS-289-E

Sockets

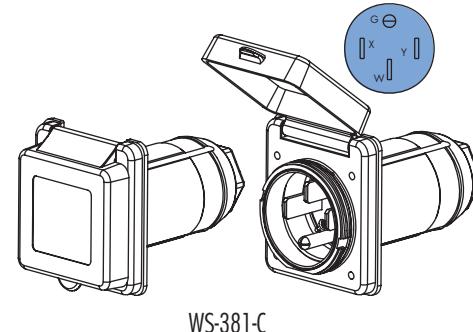


50 AMP 125/250V Detachable RV Camp Power Inlets



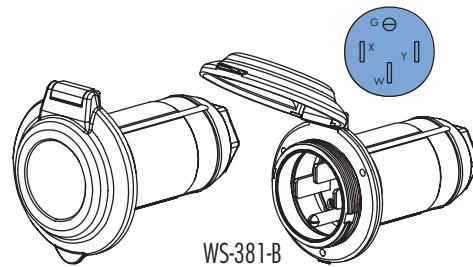
NEMA 14-50P

Standard Power Inlet.
50 Ampere 125/250 Voltage.
RV grade UV stabilized Glass-filled polyester construction.
Watertight Cap.
Rear safety enclosure without strain relief.



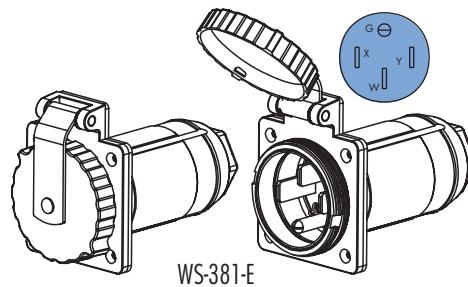
WS-381-C

Contoured Power Inlet.
50 Ampere 125/250 Voltage.
RV grade UV stabilized Glass-filled polyester construction.
Watertight Cap.
Rear safety enclosure with strain relief.



WS-381-B

Stainless Steel Power Inlet.
50 Ampere 125/250 Voltage.
Solid cast 316 stainless steel.
Smart Cap stays open in the upright position.
Rear safety enclosure with strain relief.



WS-381-E



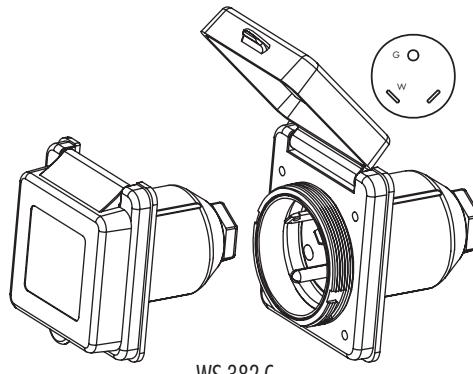


30 AMP 125V Detachable RV Camp Power Inlets



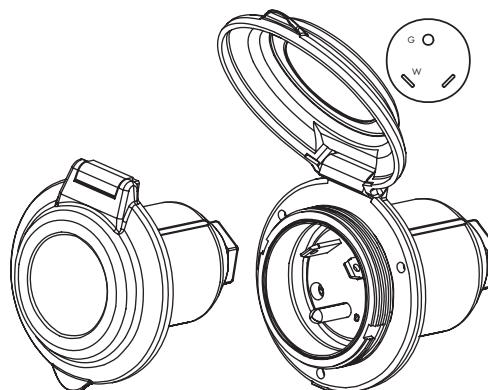
NEMA TT-30P

Standard Power Inlet.
30 Ampere 125 Voltage.
RV grade UV stabilized Glass-filled polyester construction.
Watertight Cap.
Rear safety enclosure without strain relief.



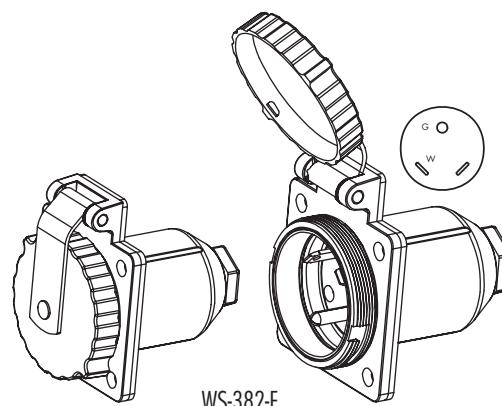
WS-382-C

Contoured Power Inlet.
30A Ampere 125 Voltage.
RV grade UV stabilized Glass-filled polyester construction.
Watertight Cap.
Rear safety enclosure with strain relief.



WS-382-B

Stainless Steel Power Inlet.
30 Ampere 125 Voltage.
Solid cast 316 stainless steel.
Smart Cap stays open in the upright position.
Rear safety enclosure with strain relief.



WS-382-E

5.24

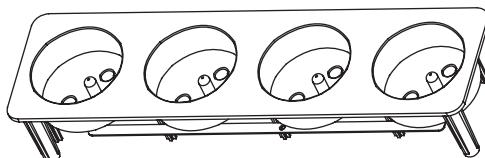




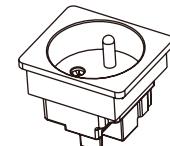
Sockets

Round prongs, Squared prongs outlets

France

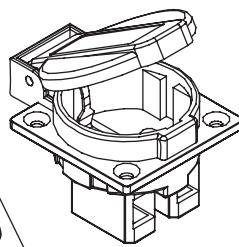


Customer exclusive
WS-023F



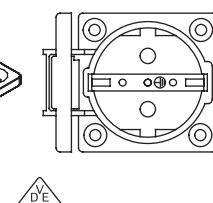
Customer exclusive
WS-023H

Germany



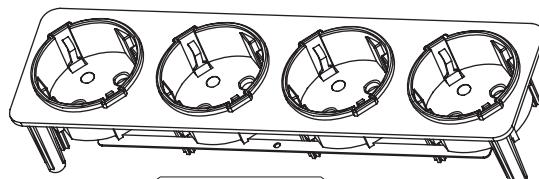
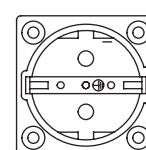
IP 44

WS-023C
with Cover

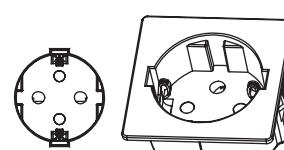


IP 20

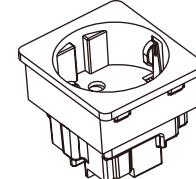
WS-023D
without Cover



Customer exclusive
WS-023E
four-in-one

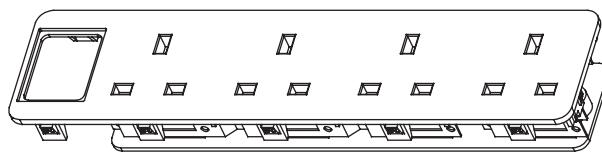


Customer exclusive
WS-023-1

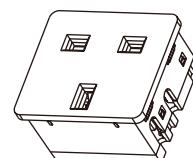


Customer exclusive
WS-023G

UK



Customer exclusive
WS-261
four-in-one



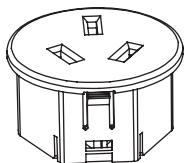
Customer exclusive
WS-261-1

5.25

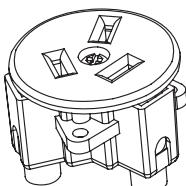




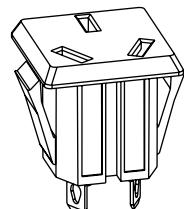
Angled flat prongs outlets



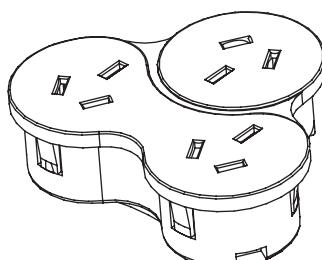
WS-204-1
CCC (10A), flange mounting



WS-204-2
CCC (10A), screen mounting



WS-204-3
CCC (10A), snap-in mounting



WS-204
three-in-one, CCC (10A), snap-in mounting

Remark:

A variety of specifications and colors are available for the countries or regions.
Please refer to the engineering drawing for the detailed specifications.

5.26

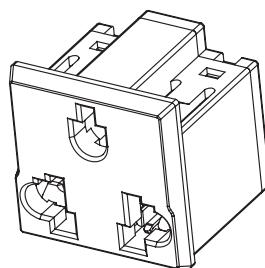


Sockets



Multilateral outlets

For:
USA 2PIN/3PIN
Europe 2pin
China 2pin/3pin

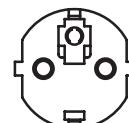


WS-307

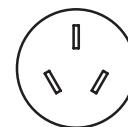
2Pin/3pin Plug ▼



USA / Canada /
Japan / Taiwan /
Thai



Europe / S.Africa / India /
MidEast / Israel / Italy /
Switzerland / Korea



Australia / New
Zealand / China /
NZ

5.27

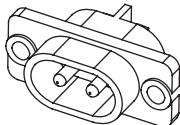


www.wellshin.com.tw



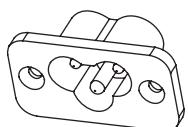
IEC 60320-1 Series of Appliance Inlets

**IEC 60320-1 C2 Appliance Inlets
0.2 Ampere**

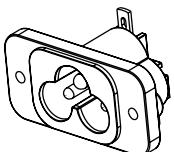


WS-029-S-1

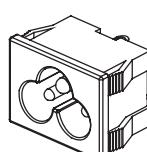
**IEC 60320-1 C6 Appliance Inlets
2.5 Ampere**



WS-083-S-1

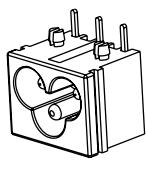
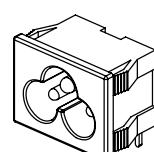


WS-083-S-1A

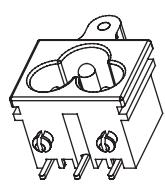


Solder straight terminals Solder angle terminals

WS-083-S-3 2.5/5A 250V

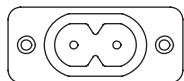


WS-083-S-2

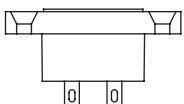


WS-083-S-4

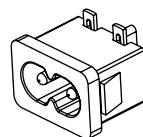
**IEC 60320-1 C8 Appliance Inlets
2.5/5 Ampere**



WS-079-S-0

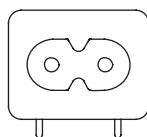
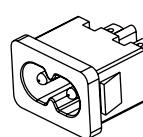


WS-079-S-1

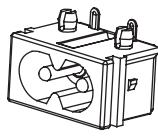


Solder angle terminals Solder straight terminals

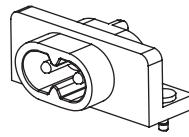
WS-079-S-2



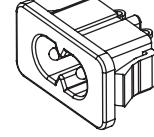
WS-079-S-3 2.5A 250V
 2.5/5A 250V
CB



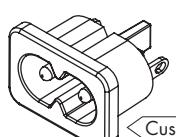
WS-079-S-6 2.5/5A 250V



WS-079-S-8

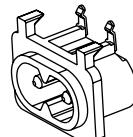


WS-079-S-12



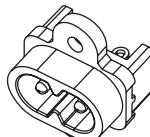
WS-079-S-10

10A 125/250V
 2.5A 250V



WS-079-S-16

2.5A 250V



WS-079-S-18

7A 125V or 2.5A 250V
 2.5A 250V

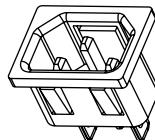
5.28



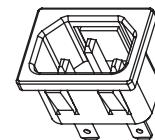
Sockets



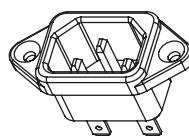
IEC 60320-1 C14 Appliance Inlets 10A International/15A North American Household



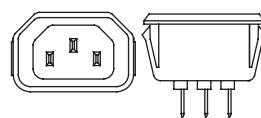
WS-044-1
 10A 250V



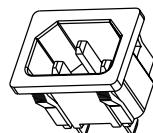
WS-044-1-1



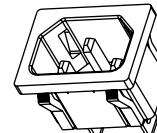
WS-044 (rivet)
 10A 250V
 15A 250V



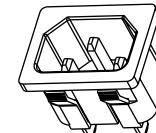
WS-044-2
 10A 250V



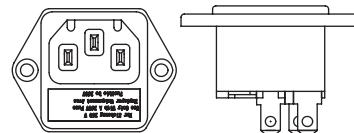
WS-044-3
 10A 250V



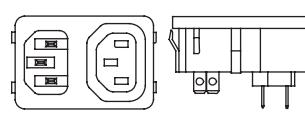
WS-044-3-1



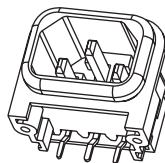
WS-044-3-3



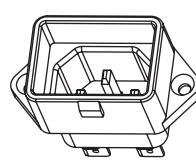
WS-044-4 (fuse)



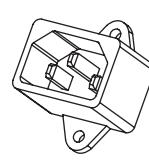
WS-044-5
(Inlet to IEC 320 Sheet F Outlet)



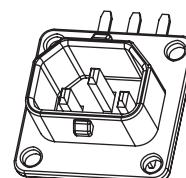
WS-044-11
 10A 250V



WS-044-12
 10A 250V



WS-044-9
 10A 250V

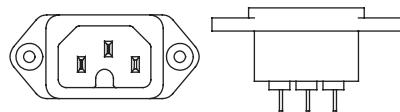


WS-044-15
IP 67 Splashproof Device

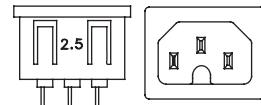




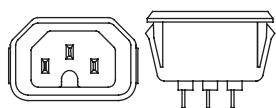
**IEC 60320-1 C16 Appliance Inlets
10A International/15A North American Household**



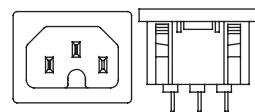
WS-044-6



WS-044-6-1

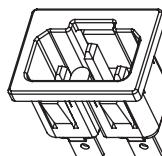


WS-044-6-2



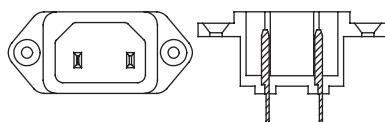
WS-044-6-3

**IEC 60320-1 C16A Appliance Inlets
10A International/15A North American Household**



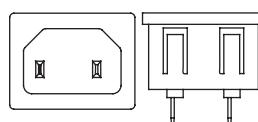
WS-044-13

**IEC 60320-1 C18 Appliance Inlets
10A International/15A North American Household**



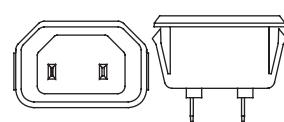
WS-044-0

△_{TÜV} 10A 250V



WS-044-0-1

△_{TÜV} 10A 250V



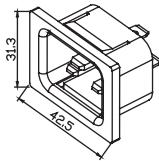
WS-044-0-2

△_{TÜV} 10A 250V

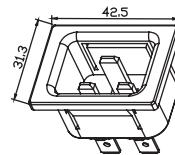


Sockets

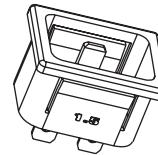
IEC 60320-1 C20 Appliance Inlets 16A International/20A North American Household



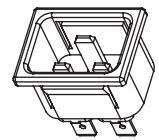
WS-044-7
CCC 16A 250V
UL c(UL) 20A,250V



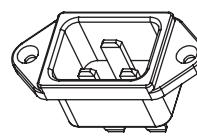
WS-044-7-0-1 (rivet)
 16A 250V



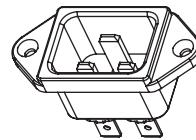
WS-044-7-1
 16A 250V
UL c(UL) 20A 250V



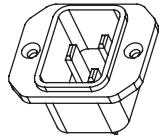
WS-044-7-1-1 (rivet)
 16A 250V



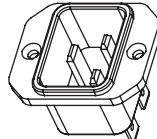
WS-044-7-2
 16A 250V
UL c(UL) 20A,250V



WS-044-7-2-1 (rivet)
 16A 250V

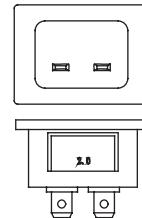


WS-044-7-3
 16A 250V
UL c(UL) 20A,250V



WS-044-7-3-1 (rivet)
 16A 250V

IEC 60320-1 C24 inlets 16A International/20A North American Household



WS-044-8

5.31

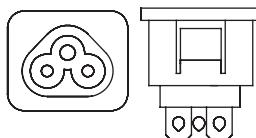
- Remark: OEM capabilities available.
Variety of specifications and color available upon request.
Please refer to the engineering drawing for the detailed specifications.





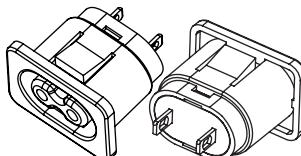
IEC 60320-2-2 Series of Outlets

**IEC 60320 Sheet B Appliance Outlets
2.5 Ampere**

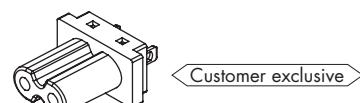


WS-213

IEC 60320 Sheet D Appliance Outlets

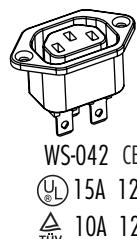


WS-212

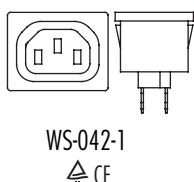


WS-027-J 10A 125/250V

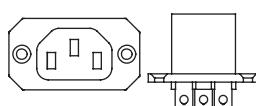
**IEC 60320 Sheet F Appliance outlets
10A International/15A North American Household**



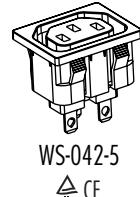
WS-042 CE
 15A 125V
 10A 125V



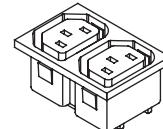
WS-042-1



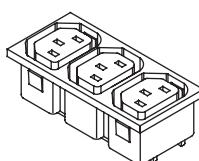
WS-042-2



WS-042-5

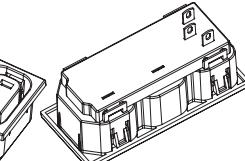


WS-045-2

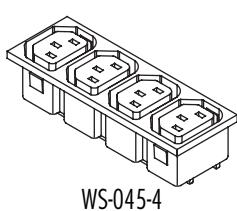


WS-045-3 (series terminal type)

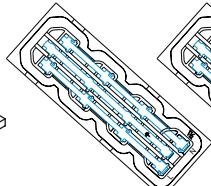
WS-045-3-1 (loose terminal type)



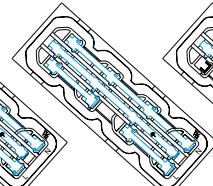
WS-045-3-2



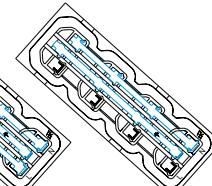
WS-045-4



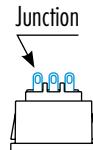
3 junctions



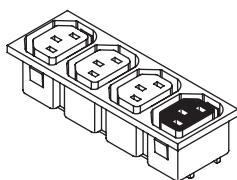
4 junctions



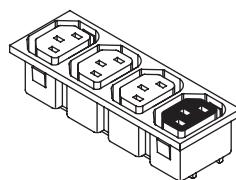
6 junctions



Junction



WS-045-4-1 (series terminal type)



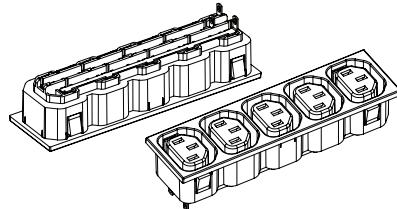
WS-045-4-1A (loose terminal type)

5.32

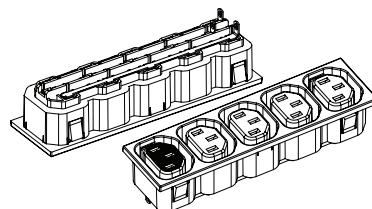




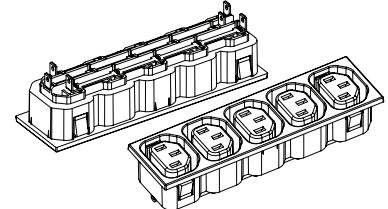
Sockets



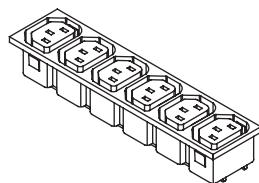
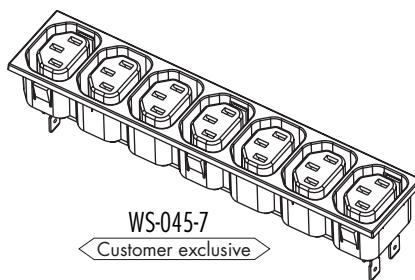
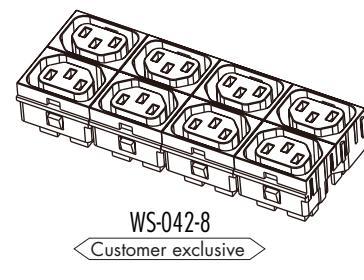
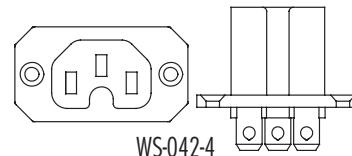
WS-045-5 (series terminal type)



WS-045-5-1 (series terminal type)

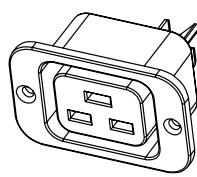


WS-045-5-2 (loose terminal type)

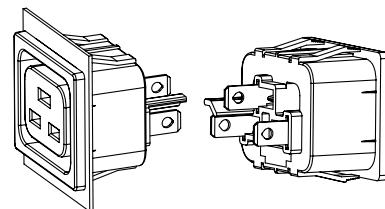
WS-045-6
WS-045-7
 Customer exclusiveWS-042-8
 Customer exclusive

WS-042-4

**Appliance outlets For IEC 60320-2-2 C16A
10A International/15A North American Household**

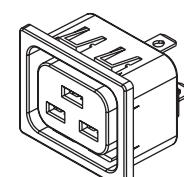


WS-042-3

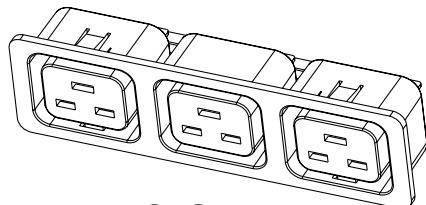


WS-042-3-1

UL cUL 20A 250V
 TÜV 16A 250V



WS-042-3-2



WS-041-3 UL cUL 16A 250V

5.33

- **Remark:** Variety of specification and color is available for other countries or region.
Please refer to the engineering drawing for the detailed specification.





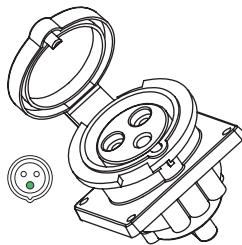
IEC 309 Series of Pin and Sleeve

Interlock Receptacles

**2 Pole 3 Wire, IP 44 watertight outlets
16/20 Ampere, 125 and 250 Volts**

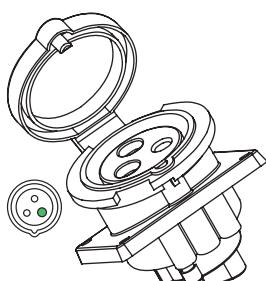


WS-309-3P-16A-110V-F-S
4H

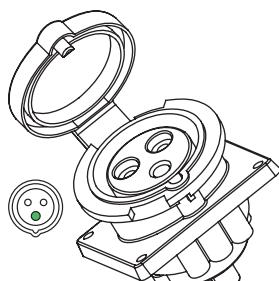


WS-309-3P-16A-220V-F-S
6H

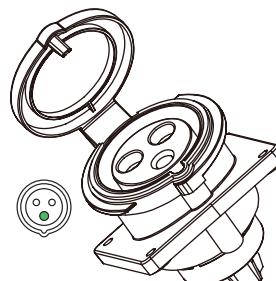
**2 Pole 3 Wire, IP44 watertight outlets
30/32 Ampere, 125 and 250 Volts**



WS-309-3P-32A-110V-F-S
4H

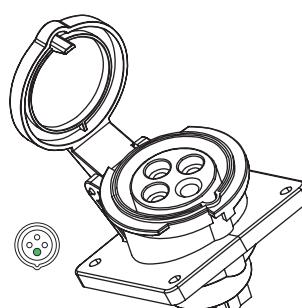


WS-309-3P-32A-220V-F-S
6H



WS-309-3P-32A-6H-F-WT-A

**3 Pole 4 Wire, IP 44 watertight outlets
16/20 Ampere, 200-250 Volts**



WS-309-4P-16A-6H-F-WT-A-IP44

5.34

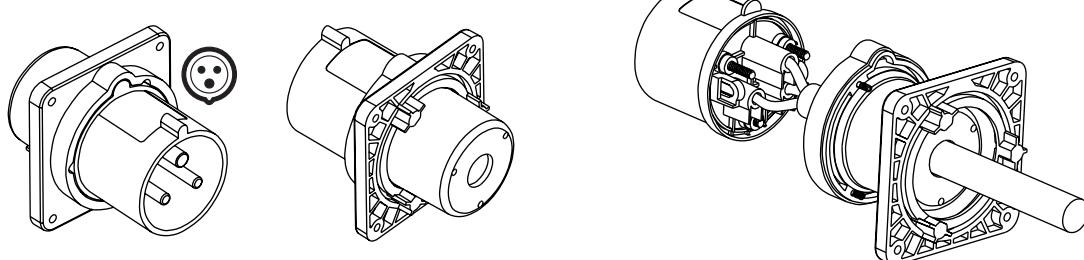




Sockets

Interlock inlet

2 Pole 3 Wire, IP44 splashproof outlets
30/32 Ampere, 250 Volts



WS-309-3P-32A-220V-PS
6H

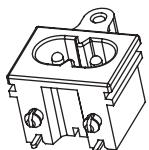
5.35



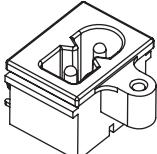


OEM Sockets

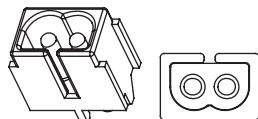
**Appliance Inlets,
2.5 Ampere, 2 Pin**



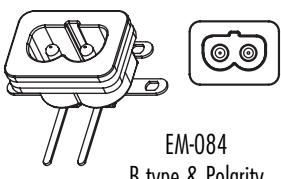
WS-079-S-13



WS-079-S-15
Polarity



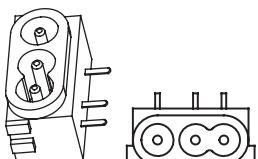
WS-079-S-7



EM-084
B type & Polarity

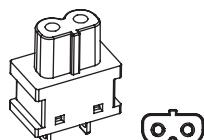


**Appliance Inlets,
2.5 Ampere, 3 Pin**



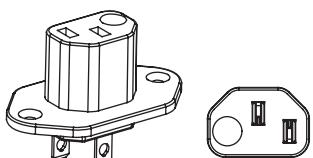
EM-049
Dell 3 Pin Socket

**Appliance Outlets,
2.5 Ampere, 2 Pin**



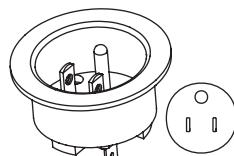
EM-083
B type & polarity

**Appliance outlets
10 Ampere, 3 Pin**



WS-042-6

**Straight blade Flanged Inlets,
2 Pole, 3 Wire Grounding, 15 Ampere, 125 Volts**



EM-053
NEMA 5-15P

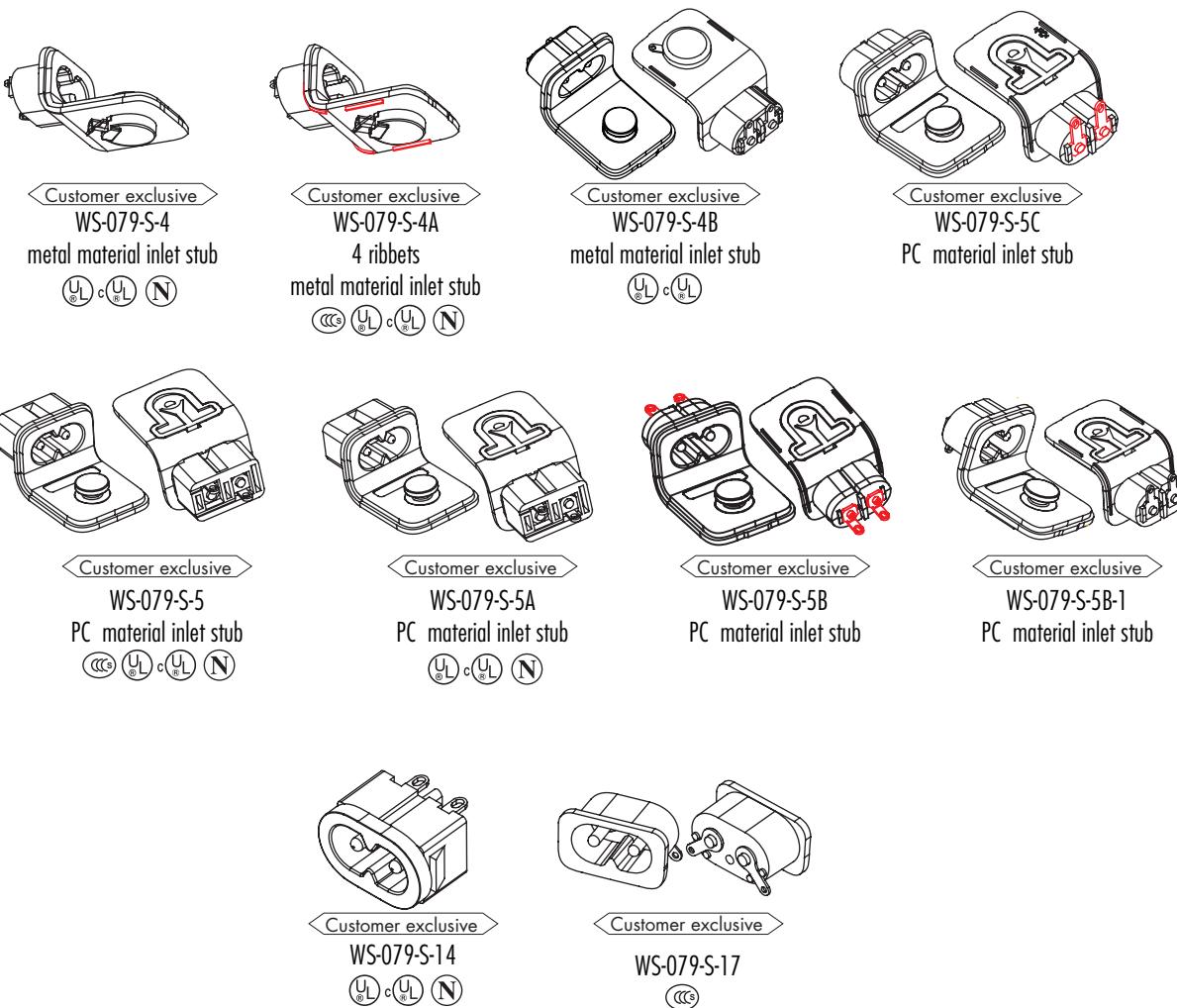
5.36



Sockets

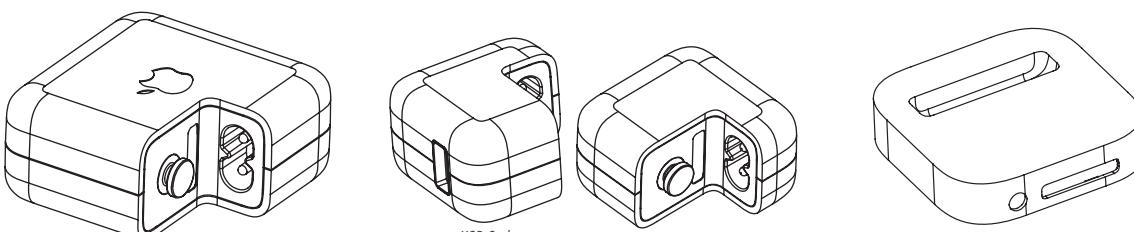
Apple

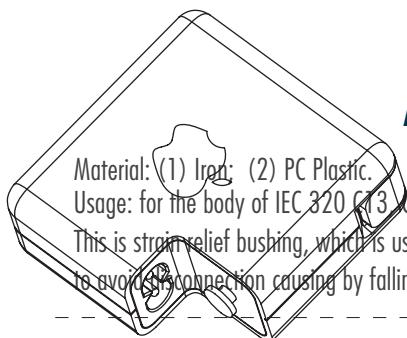
**IEC 60320-1 C8 Appliance Inlets
2.5/5 Ampere**



Adapter Case

5.37





Accessories: Strain Relief Bushing

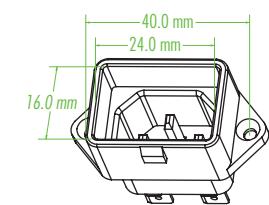
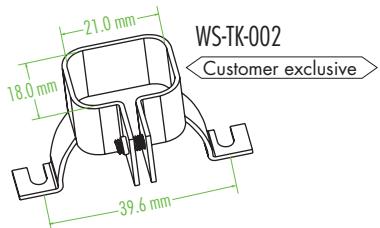
Material: (1) Iron; (2) PC Plastic.

Usage: for the body of IEC 320 C13, C14, C15, C16, C19, C20.

This is strain relief bushing, which is used for contact of power such as monitor, The optical rules of machine-tool and medical appliances to avoid disconnection causing by falling off.

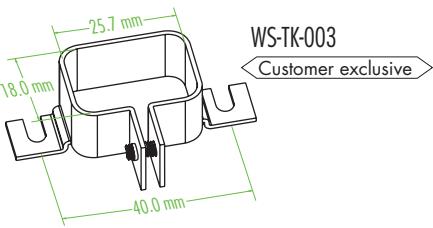
10A International/15A North American Household

**For IEC 320 C13
plug connector**



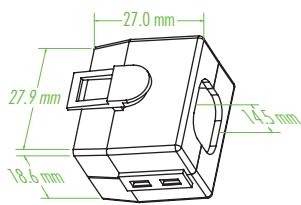
WS-044-12

**For IEC 320 SHEET E
plug**



WS-OR-002

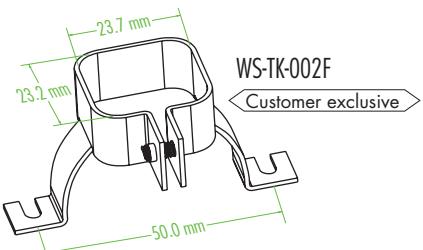
WS-TK-003
Customer exclusive



WS-JK-002

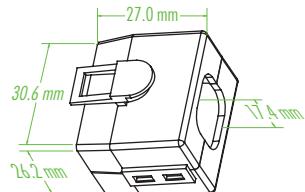
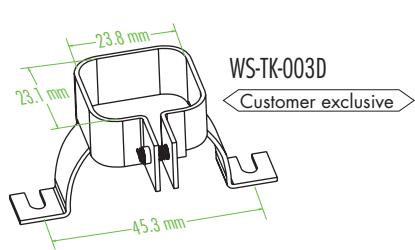
16A International/20A North American Household

**For IEC 320 C19
plug connector**



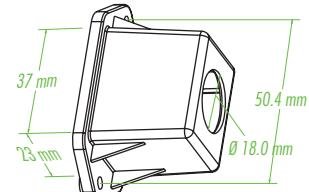
WS-OR-002F

**For IEC 320 SHEET I
plug**



WS-JK-002F

WS-TK-003D
Customer exclusive



WS-JK-002F-A

5.38

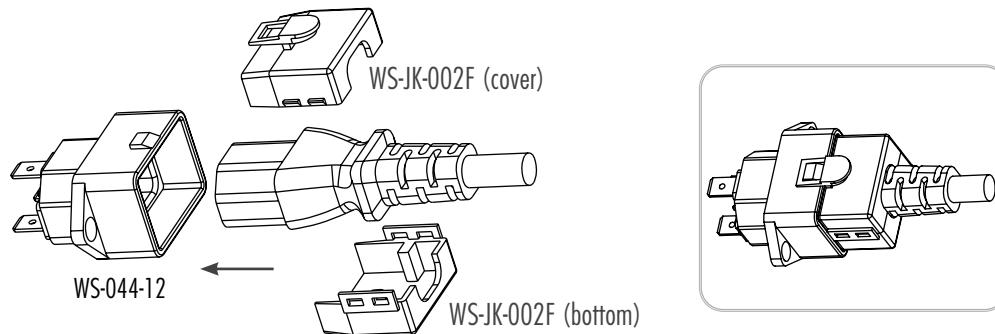




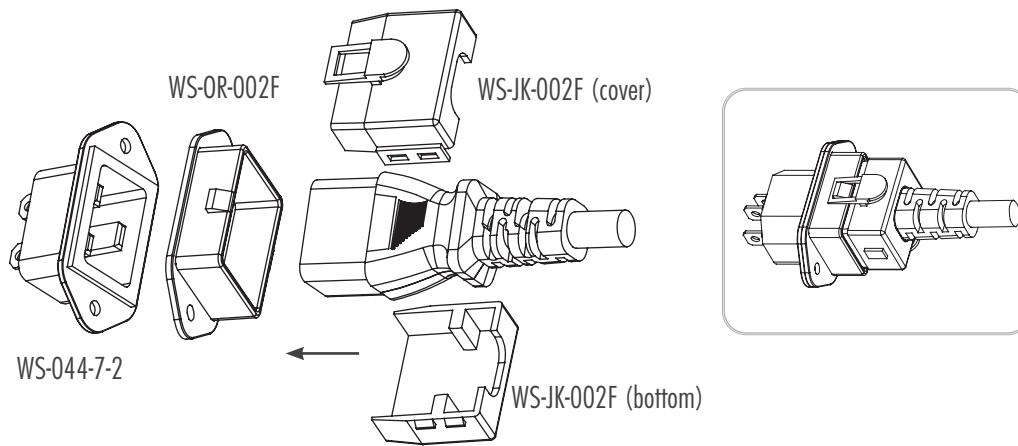
Sockets

How to use.

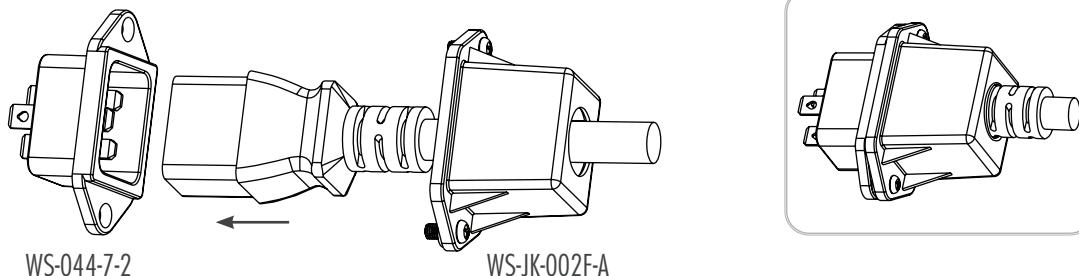
For IEC 320 C13 plug connector



For IEC 320 C19 plug connector



For IEC 320 C19 plug connector

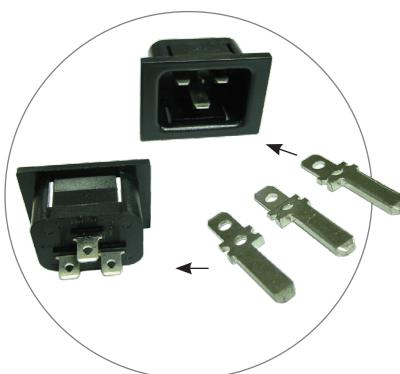




Socket Technical Information

1. Method of terminal in socket

a. Push in terminal

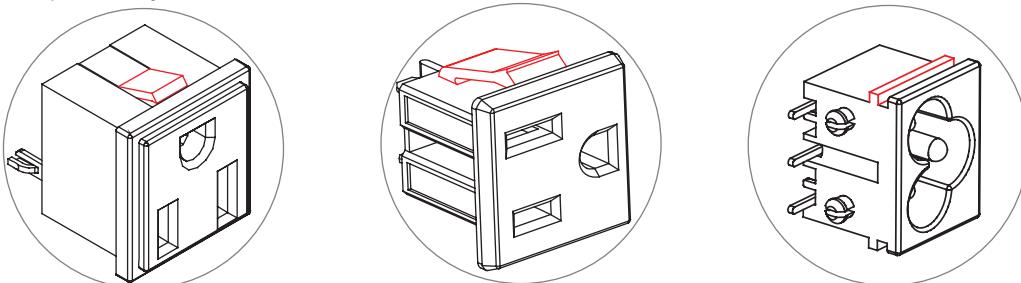


b. Pressure terminal

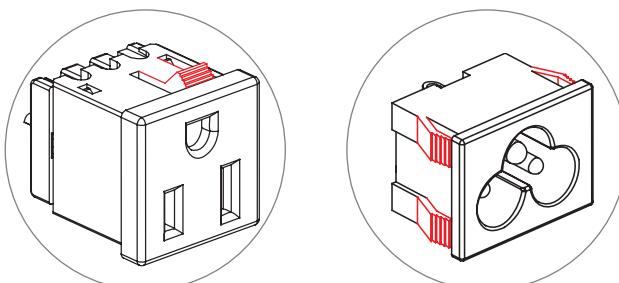


2. Method of mounting (Please view Red Part)

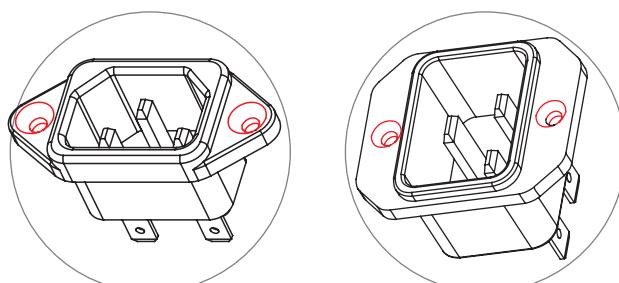
a. Snap-in mounting



b. Flange mounting



c. Screw-on mounting



5.40





Sockets

3. Connect method of terminal and wire

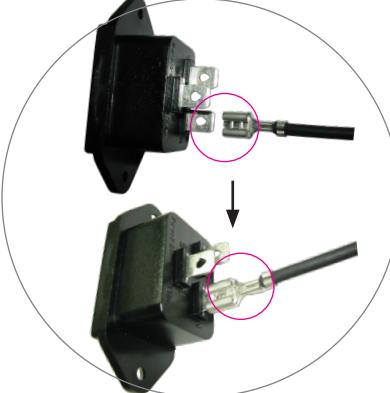
a. Solder terminals for wires



b. Terminals for PCB



c. Terminals for quick-connect

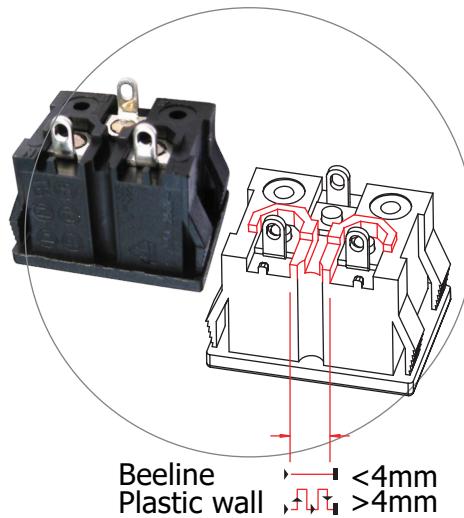


d. Screw for wires



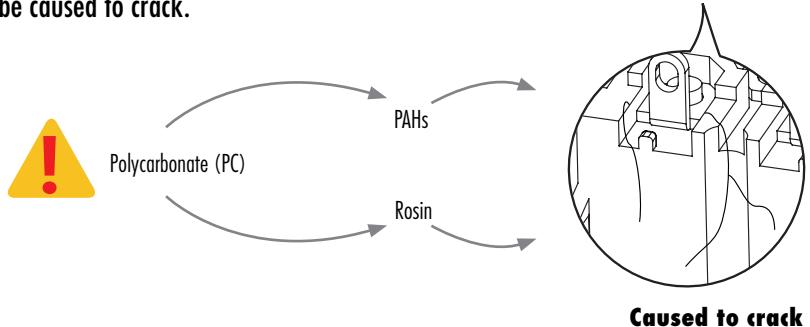
4. The minimum creepage distance and clearance between live parts and earthing part is not less than 4mm. Plastic wall around the pin to add the creepage distance if the distance between each parts is not enough.

5.41





5. The socket Can not touch with rosin (PAHs) if the material of socket is PC plastic, because mixed these two materials may be caused to crack.





IEC 60320-1 & 60320-2 International Standard

Appliance couplers for household and similar general purposes-Interconnection couplers for household and similar equipment.

IEC 60320-1 Appliance Couplers Connectors	Inlets		IEC 60320-2-2 Interconnection Couplers Plug Connectors	Outlets
C1	Class II Cold	C2	0.2A Household	These couplers are not in the IEC 60320 standard.
C5	Class I Cold	C6	2.5A Household	SHEET A SHEET B
C7	Class II Cold	C8		SHEET C SHEET D
C9	Class II Cold	C10	6A Household	These couplers are not in the IEC 60320 standard.
C13	Class I Cold	C14		SHEET E SHEET F
C15	Class I Hot	C16	10A International/ 15A North American Household	These couplers are not in the IEC 60320 standard.
C15A	Class I Very Hot	C16A		These couplers are not in the IEC 60320 standard.
C17	Class II Cold	C18		SHEET G SHEET H
C19	Class I Cold	C20		SHEET I SHEET J
C21	Class I Very Hot	C22	16A International/ 20A North American Household	These couplers are not in the IEC 60320 standard.
C23	Class II Cold	C24		SHEET K SHEET L



- We gained Safety Standard approval of different country





Well Shin Technology Co., Ltd.

Well Shin (Taiwan) Factory

Well Shin Electronics (KunShan) Co., Ltd.

Dong Guan Well Shin Electronic Products Co., Ltd.



Headquarter



Taiwan Plant



Dongguan Plant



Kun Shan Plant (Shanghai Area)

維新科技股份有限公司

Well Shin Technology Co., Ltd.

臺北市內湖區新湖三路196號

No.196, Xinghu 3rd Rd., Neihu District,

Taipei City 114, Taiwan

TEL: 886-2-2791-1119 FAX: 886-2-2791-9901

台灣工廠

Taiwan Plant

彰化縣福興鄉麥厝村沿海路一段1號

N1, Sec.1, Yen Hai Rd., Mai Tsuo Chun,

Fu Hsing Hsiang, Chang Hwa 50645, Taiwan

TEL: 886-4-770-3081 Fax: 886-4-770-3080

東莞維升電子製品有限公司

Dongguan Well Shin Electronic Products Co., Ltd.

廣東省東莞市黃江鎮長龍管理區

Chang Long Control Dist., Hwang Jiang Cheng,

Dongguan City, Guangdong 523766, China

TEL: 86-769-8362-2694 FAX: 86-769-8362-2714

維爾斯電子(昆山)有限公司

Well Shin Electronic (Kun Shan) Co., Ltd.

江蘇省昆山市錦溪鎮昆開路389號

No.389, Kun Kai Rd., Jin Xi Town,

Kun Shan City, Jiang Su 215324, China

TEL: 86-512-5722-9101 FAX: 86-512-5722-9105