

WATERTIGHT WIRING DEVICES





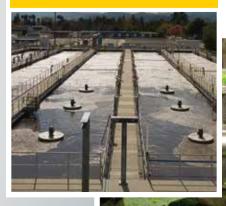




WATERTIGHT WIRING DEVICES APPLICATION GUIDE

WATER TREATMENT

Devices are made to withstand the most abusive environments



FOOD AND BEVERAGE PROCESSING

Rated to withstand harsh, wet environments common to food and beverage facilities

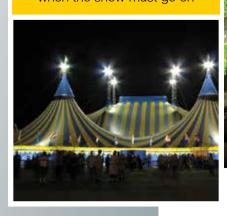


AGRICULTURE

Mud, standing water and abuse

are no match for these rugged engineered devices

OUTDOOR ENTERTAINMENT
Power is delivered consistantly
when the show must go on



FACTORY

Ideal for delivering power to all types of industrial machinery and equipment



CERTIFICATIONS



Known as The Most Trusted Name in Food Safety™, NSF International has been helping businesses in the agriculture, processing, food equipment, restaurant and retail industries to navigate the food safety and regulatory environment for nearly 70 years.

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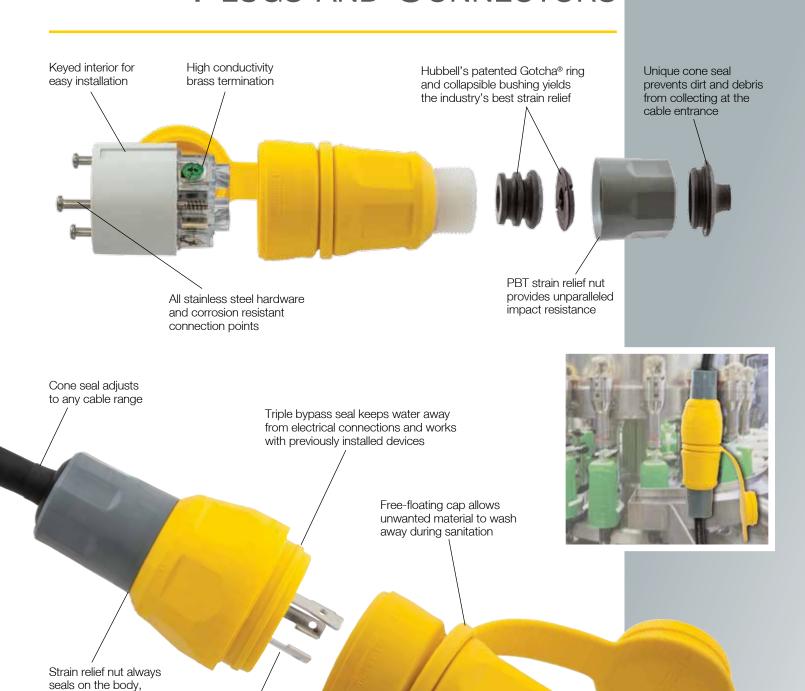
Products found with this mark means CSA International found that representative samples of this product met CSA's published Standards for Safety intended for the Canadian market.

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PRODUCT FEATURES PLUGS AND CONNECTORS





Smooth body design minimizes collection points simplifying the wash down process

eliminating areas of debris collection

Corrosion resistant connection points

Watertight Wiring Devices

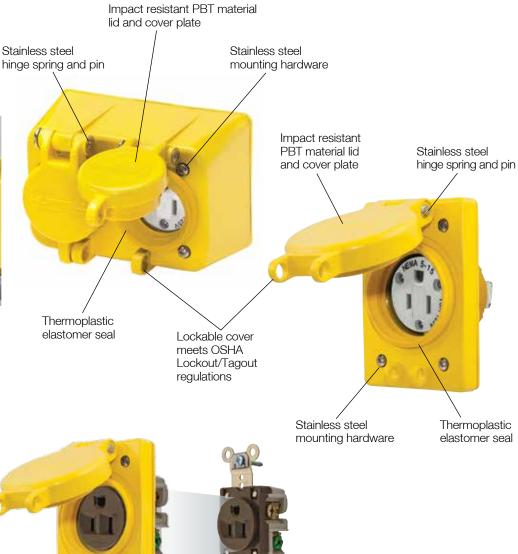












Also Available: Watertight Lift Covers, for use with standard receptacles.

Ordering Information

Straight Blade Devices

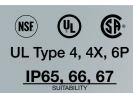
	3							
	Rating	Plug/ Connector	Poles/ Wires	Color	Plug	Connector	Receptacle with Lift Cover	Duplex Receptacle
Q	NEMA 5-15 15A 125V		2P/3W	Yellow Black	HBL14W47A HBL14W47BK	HBL15W47A HBL15W47BK	HBL60W47 HBL60W47BK	HBL60W47D —
5 Amp	NEMA 6-15 15A 250V		2P/3W	Yellow	HBL14W49	HBL15W49	HBL60W49	HBL60W49D
-	15A 125V 10A 600V Non-NEMA		2P/3W	Yellow	HBL14W07	HBL15W07	-	_
Amp	NEMA 5-20 20A 125V		2P/3W	Yellow	HBL14W33A	HBL15W33A	HBL60W33	HBL60W33D
20 A	NEMA 6-20 20A 250V		2P/3W	Yellow	HBL14W48	HBL15W48	HBL60W48	HBL60W48D

Twist-Lock® Devices

	5	Plug/	Poles/		D.		Receptacle	Duplex
	Rating NEMA L5-15	Connector	Wires	Color Yellow	Plug HBL24W47A	Connector HBL25W47A	with Lift Cover	Receptacle HBL65W47D
ф	15A 125V	() ()	2P/3W	Black	HBL24W47BK	HBL25W47BK	_	_
5 Amp	NEMA L6-15 15A 250V		2P/3W	Yellow	HBL24W49	HBL25W49	HBL65W49	HBL65W49D
-	NEMA L7-15 15A 277V AC		2P/3W	Yellow Black	HBL24W34 HBL24W34BK	HBL25W34 HBL25W34	HBL65W34 —	HBL65W34D -
	NEMA L5-20 20A 125V		2P/3W	Yellow Black	HBL26W47 HBL26W47BK	HBL27W47 HBL27W47BK	HBL67W47 —	<u>-</u>
	NEMA L6-20 20A 250V	(* 1°) ((* 2°)	2P/3W	Yellow Black	HBL26W48 HBL26W48BK	HBL27W48 HBL27W48BK	HBL67W48 HBL67W48BK	_
	NEMA L7-20 20A 277V AC		2P/3W	Yellow	HBL26W49	HBL27W49	HBL67W49	_
	NEMA L14-20 20A 125/250V AC		3P/4W	Yellow	HBL26W74	HBL27W74	HBL67W74	-
	NEMA L15-20 20A 3Ø 250V AC		3P/4W	Yellow Black	HBL26W75 HBL26W75BK	HBL27W75 HBL27W75BK	HBL67W75 HBL67W75BK	
Amb	NEMA L16-20 20A 3Ø 480V AC		3P/4W	Yellow Black	HBL26W76 HBL26W76BK	HBL27W76 HBL27W76BK	HBL67W76 HBL67W76BK	_ _
20	NEMA L21-20 20A 3ØY 120/208V AC	VI O IN WI O IV	4P/5W	Yellow Black	HBL26W81 HBL26W81BK	HBL27W81 HBL27W81BK	HBL67W81 —	_ _
	NEMA L22-20 20A 3ØY 277/480V AC		4P/5W	Yellow	HBL26W82	HBL27W82	HBL67W82	-
	NEMA L23-20 20A 3ØY 347/600V	(4P/5W	Yellow	HBL26W83	HBL27W83	HBL67W83	_
	20A 125/250V Non-NEMA		3P/3W	Yellow	HBL26W08	HBL27W08	HBL67W08	_
	20A 3ØY 120/208V AC Non-NEMA		4P/4W	Yellow	HBL26W09	HBL27W09	HBL67W09	_
	NEMA L5-30 30A 125V		2P/3W	Yellow Black	HBL28W47 HBL28W47BK	HBL29W47 HBL29W47BK	HBL69W47 —	_ _
	NEMA L6-30 30A 250V		2P/3W	Yellow Black	HBL28W48 —	HBL29W48 —	HBL69W48 HBL69W48BK	_
	NEMA L7-30 30A 277V AC		2P/3W	Yellow	HBL28W49	HBL29W49	HBL69W49	_
	NEMA L14-30 30A 125/250V AC		3P/4W	Yellow	HBL28W74	HBL29W74	HBL69W74	_
	NEMA L15-30 30A 3Ø 250V AC		3P/4W	Yellow Black	HBL28W75 HBL28W75BK	HBL29W75 HBL29W75BK	HBL69W75 HBL69W75BK	_
0	NEMA L16-30 30A 3Ø 480V AC		3P/4W	Yellow Black	HBL28W76 HBL28W76BK	HBL29W76 HBL29W76BK	HBL69W76 HBL69W76BK	_
) Amp	NEMA L17-30 30A 3Ø 600V AC		3P/4W	Yellow	HBL28W77	HBL29W77	HBL69W77	_
30	NEMA L18-30 30A 3ØY 120/208V AC		4P/4W	Yellow	HBL28W78	HBL29W78	_	_
	NEMA L21-30 30A 3ØY 120/208V AC		4P/5W	Yellow Black	HBL28W81 HBL28W81BK	HBL29W81 HBL29W81BK	HBL69W81 —	_
	NEMA L22-30 30A 3ØY 277/480V AC		4P/5W	Yellow	HBL28W82	HBL29W82	HBL69W82	_
	NEMA L23-30 30A 3ØY 347/600V AC		4P/5W	Yellow	HBL28W83	HBL29W83	HBL69W83	_
	30A 125/250V Non-NEMA		3P/3W	Yellow	HBL28W08	HBL29W08	HBL69W08	_
	30A 3ØY 120/208V AC Non-NEMA		4P/4W	Yellow	HBL28W09	HBL29W09	_	_









HBL15W47A







HBL27W47



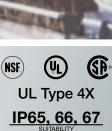


HBL67W48



Accessories











HBL28W75IN

HBL29W75IN



HBLWTCS2



HBLWTB1

HBL50W50

Ordering Information

UL Type 4X Watertight Lift Covers

	Description	Color	Receptacle with Lift Cover
mbly	For use with 15A or 20A straight blade receptacles and 15A Twist-Lock® receptacles; receptacle not included.	Yellow Black	HBL6500 HBL6500BK
Assembly	For use with 20A Twist-Lock® receptacles; receptacle not included.	Yellow Black	HBL6700 HBL6700BK
over	Note: When mating with HBL26W09 , 20A Non-NEMA plug, use HBL6800 cover.		
Lift Co	For use with 30A Twist-Lock® receptacles; receptacle not included.	Yellow Black	HBL6800 HBL6800BK

Interiors

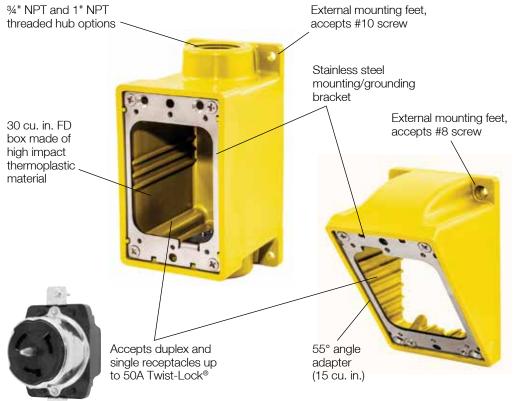
		125V		3Ø 250V AC		3Ø 480V AC	
	Device	Plug	Receptacle	Plug	Receptacle	Plug	Receptacle
15A	Straight Blade Locking	HBL14W47IN HBL24W47IN	HBL15W47IN —	_ _	_ _		_ _
20A	Locking	_	HBL27W47IN	HBL26W75IN	_	HBL26W76IN	HBL27W76IN
30A	Locking	_	_	HBL28W75IN	HBL29W75IN	HBL28W76IN	HBL29W76IN

Bushings, Cone Seals and Closure Caps

				Closui	e Caps
	Device	Bushings	Cone Seals	Yellow	Black
15A	Straight Blade Locking	HBLWTB1 HBLWTB1	HBLWTCS1 HBLWTCS1	HBL50W50 HBL50W50	HBL50W50BK HBL50W50BK
20A	Straight Blade Locking	HBLWTB1 HBLWTB2	HBLWTCS1 HBLWTCS2	HBL50W50 HBL50W52	HBL50W50BK HBL50W52BK
30A	Locking	HBLWTB3	HBLWTCS3	HBL50W54	HBL50W54BK

FD Boxes and Angled Adapters

Introducing a fully UL Listed surface mount box engineered with features that allow easy, code compliant installation of all types of devices from 15A to 50A, including metallic ground bonding bracket, threaded conduit hubs and external mounting supports. Together with an industry first 55 degree angle adapter, the combination of devices is the only code compliant 45 cu.in. solution for 50A 4 wire installations. The angle adapter can also be installed separately for panel applications.









HBL60CM83A





HBL60CM88



HBLP14FS

HBL60CM88W

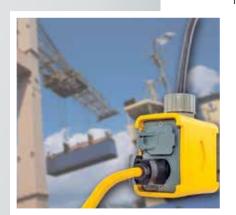


Ordering Information

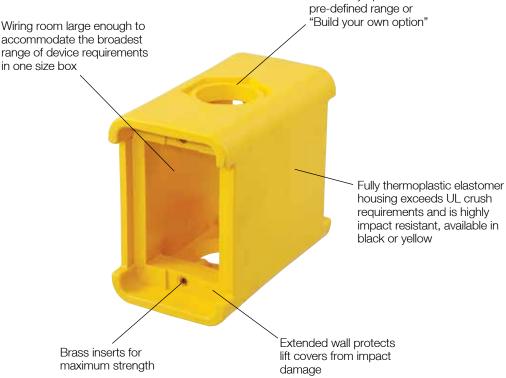
FD Boxes and Angled Adapters

	Description	Catalog Number
	(2) ¾" NPT Hubs, FD Box, Yellow	HBL60CM83A
	(2) ¾" NPT Hubs, FD Box, White	HBL60CM83WA
(es	(2) ¾" NPT Hubs, FD Box, Gray	HBL6083
Boxes	(2) 1" NPT Hubs, FD Box, Yellow	HBL60CM84A
_	(2) 1" NPT Hubs, FD Box, White	HBL60CM84WA
	(2) 1" NPT Hubs, FD Box, Gray	HBL6084
<u>*S</u>	55° Angle Adapter, Yellow	HBL60CM55*
Adapters*	55° Angle Adapter, White	HBL60CM55W*
Ada	55° Angle Adapter, Gray	HBL6055*
	(2) ¾" NPT Hubs, Box/Adapter Kit, Yellow	HBL60CM83AK
	(2) ¾" NPT Hubs, Box/Adapter Kit, White	HBL60CM83WAK
ts	(2) ¾" NPT Hubs, Box/Adapter Kit, Gray	HBL6083AK
Kits	(2) 1" NPT Hubs, Box/Adapter Kit, Yellow	HBL60CM84AK
	(2) 1" NPT Hubs, Box/Adapter Kit, White	HBL60CM84WAK
	(2) 1" NPT Hubs, Box/Adapter Kit, Gray	HBL6084AK
S	Blank Cover Plate, Yellow	HBL60CM88
overs	Blank Cover Plate, White	HBL60CM88W
ပိ	Blank Cover Plate, Gray	HBLP14FS

PORTABLE OUTLET BOXES







Cord entry options include



Ordering Information

Pre-Assembled Portable Outlet Boxes (with Cord Connector Installed)

	Description	Cord Range Inches (mm)	Catalog Number
es	Portable Outlet Box, Deep, Yellow	.38"50" (9.7-12.7)	HBL3099
oxe	Portable Outlet Box, Deep, Feed Thru, Yellow	.38"50" (9.7-12.7)	HBL3090F
В	Portable Outlet Box, Deep, Yellow with (2) duplex plates	.38"50" (9.7-12.7)	HBL3000

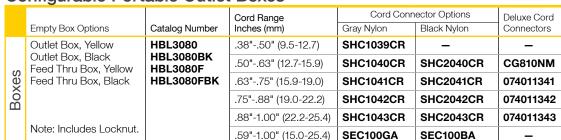




HBL3080FBK



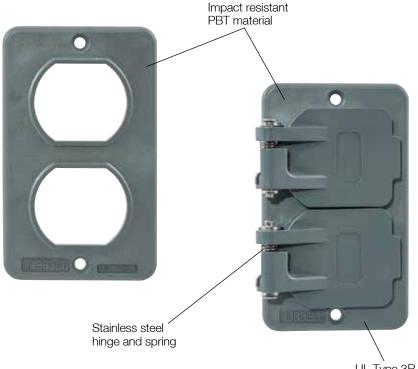
Configurable Portable Outlet Boxes





Cover Plates for Portable OUTLET BOXES AND PANELS

















HBL3061

HBL3054

UL Type 1





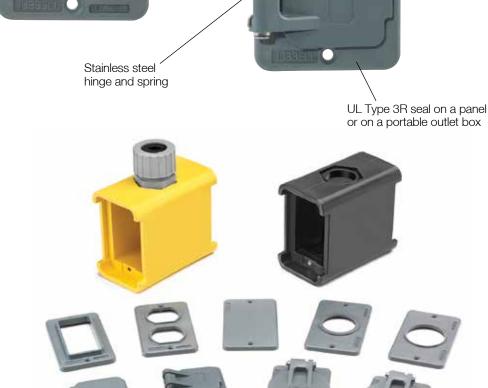






HBL3055





Ordering Information

Cover Plates for Portable Outlet Boxes and Panels

	Description	UL Type 3R	UL Type 1
S	Outlet box cover, duplex receptacle	HBL3056	HBL3051
late	Outlet box cover, 1.39" diameter receptacle	HBL3057	HBL3052
تر P	Outlet box cover, 1.572" diameter receptacle	HBL3058	HBL3055
ove	Outlet box cover; GFCI	HBL3061	HBL3060
O	Outlet box coverplate, blank	HBL3054	_

PECIFICATIONS

Ma		

Bushings

Gotcha Ring

Closure Cap

Cone Seal

Plug/Connector	
Part	Materials
Blade/Contact Carrier	Nylon, white
Terminal Retainer	Polycarbonate, clear
Housing	Thermoplastic elastomer
Housing Insert	Nylon, white
Strain Relief Nut	PBT thermoplastic, gray
Blades/Contacts	Brass, nickel plated
Terminal Screws	Brass
Terminal Screw Size	#8-32 15A/20A Straight Blade and 15A Twist-Lock; #10-32 20A and 30A Twist-Lock
Assembly Screws	Stainless Steel

Thermoplastic elastomer, black

Thermoplastic elastomer, black

Thermoplastic elastomer

Receptacle Assembly

Part	Materials
Base, Flip Lid, and	PBT
Backplate	
Seal Collar	Thermoplastic elastomer
Mounting Screws	Stainless Steel
Spring and Hinge Pin	Stainless Steel

Nvlon

Portable Outlet Box and Accessories

Part	Materials	
Box Enclosure	Thermoplastic elastomer	
Strain Relief Nut	PBT	
Grommet	Thermoplastic elastomer	
Gotcha Ring	Nylon	
Locknut	Steel, zinc plate	
Threaded Inserts	Brass	
Receptacle Screw	Stainless steel	
Cover Plate	PBT	
Cover Plate Seal	Neoprene	
Cover Plate Spring	Stainless steel	
Hinge Pin	Stainless steel	
Hinge Bracket	Zinc plated steel	
Rivets	Zinc plated steel	

Specifications

Listings (Plug/Connector and Flip Lid Assembly)
Listed to UL498
Certified to CSA C22.2 No. 42
Meets NEMA WD-1, WD-6, and ANSI standards
IP66 Suitability
NSF Certified (Plugs, Connectors and
Receptacles)

FD Box/Adapter

Part	Materials
Box Enclosure	PBT
Ground Bracket	316 Stainless Steel
Ground Screw	Brass
Angle Adapter	PBT

Environmental

Box	UL Type 4X
	(with UL Type 4X
	receptacle assembly)
	UL Type 3R
	(with weatherproof
	cover plate)

mm)

Performance

Electrical

Dielectric Voltage Connectors:

2000V AC if rated 300V or less; 3000V AC if rated above 300V 2500V AC if rated 300V or less; 3500V AC if rated above 300V Plugs: Max Working Voltage As marked

Rated for current interruption per UL498 Current Interrupting Temperature Rise 30°C max per UL498 at rated current

Mechanical

Cord and terminal accommodations:

Plugs and Connectors	
15 and 20A Straight Blade and 15A Locking	16/3 SJ to 10/3 SJ, 18/3 S to 12/3 S, (Ø.325" to Ø625") (Ø8.3mm to Ø15.9
20A Locking Except	Min. Cord: 16/3 SJ, 18/3 S, 18/4 SJ, 18/4 S, 18/5 S, (Ø.325") (Ø8.3 mm)
HBL26W09 & HBL27W09	Max. Cord: 10/3 S, 10/4 S, 10/5 S (.875") (22.2 mm)
30A Locking Including	Min Cords: 12/3 SJ, 16/3 S, 14/4 SJ, 18/4 S, 18/5 S, (Ø.375") (Ø9.5 mm)
HBL26W09 & HBL27W09	Max Cord: 8/3 S, 8/4 S, 10/5 S (1.125") (28.6 mm)

Receptacles - use solid or stranded building wire or flexible cord only as outlined below:

All Straight Blade 18 AWG to 10 AWG 15A Locking 18 AWG to 10 AWG 20A and 30A Locking 18 AWG to 8 AWG

Portable Outlet Boxes

Cord Range .38" to .68" (HBL3099, HBL3090F, HBL3000)

.38" to 1.00" with user-specified cord connector

Wiring Volume 19.0 in³

Environmental

Moisture Resistance UL Listed to 3R, 3RX, 4, 4X, 6, 6P, 12 (Plugs and connectors); 3R, 3RX, 4, 4X (Receptacles);

Wet and Damp Locations (Portable outlet boxes); Covers (POB) UL Type 3R and Wet Locations

cover closed

Flammability UL94V0 (boxes, covers, and plates); UL94V2 (Plugs, connectors, and interiors); UL94HB (Caps,

bushings, and cone seals)

Operating Temperatures -40°C (without impact) to +60°C continuous **UV** Resistance All exposed materials are UV stabilized

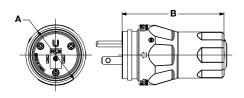
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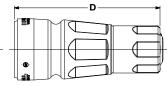
Plugs and Connectors Inches (mm)

		15A & 20A Straight Blade	15A Non-NEMA Straight Blade	15A Twist-Lock®	20A Twist-Lock®	30A Twist-Lock®
Plugs	Α	1.85 (47.07)	1.63 (41.40)	1.85 (47.07)	2.51 (63.70)	2.77 (70.41)
	В	3.16 (80.27)	2.68 (68.00)	3.21 (81.46)	3.96 (100.69)	3.94 (99.98)
Connectors	С	1.85 (47.07)	1.80 (46.00)	1.85 (47.07)	2.51 (63.70)	2.77 (70.41)
	D	4.42 (112.14)	4.00 (102.00)	4.62 (117.22)	5.69 (144.55)	5.67 (144.00)

Note: For HBL26W09 and HBL27W09 use 30A Twist-Lock® dimensions.

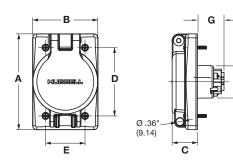


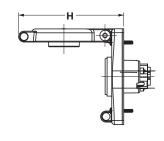




Receptacles with Lift Covers Inches (mm)

recorptiones with Ent Covers inches (nin)						
	15A & 20A Straight Blade	15A Twist-Lock [®]	20A Twist-Lock®	20A Non-NEMA	30A Twist-Lock®	30A Non-NEMA
Α	4.56" (115.9)	4.56" (115.9)	4.56" (115.9)	4.56" (115.9)	4.56" (115.9)	4.56" (115.9)
В	3.10" (78.7)	3.10" (78.7)	3.10" (78.7)	3.10" (78.7)	3.10" (78.7)	3.10" (78.7)
С	1.20" (30.6)	1.20" (30.6)	1.20" (30.6)	1.20" (30.6)	1.20" (30.6)	1.20" (30.6)
D	3.25" (82.6)	3.25" (82.6)	3.25" (82.6)	3.25" (82.6)	3.25" (82.6)	3.25" (82.6)
Е	1.88" (47.6)	1.88" (47.6)	1.88" (47.6)	1.88" (47.6)	1.88" (47.6)	1.88" (47.6)
F	1.26" (32.0)	1.46" (37.1)	1.72" (43.7)	2.26" (57.4)	1.72" (43.7)	1.97" (50.0)
G	1.63" (41.4)	1.63" (41.4)	2.25" (57.2)	2.25" (57.2)	2.25" (57.2)	2.25" (57.2)
Н	5.00" (127.0)	5.00" (127.0)	5.00" (127.0)	5.00" (127.0)	5.00" (127.0)	5.00" (127.0)



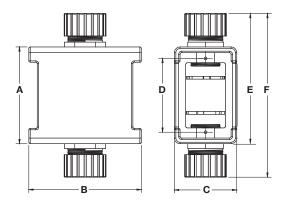


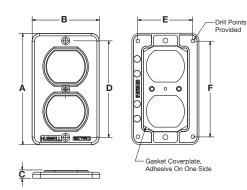
Portable Outlet Boxes Inches (mm)

	Pre-Assembled	Configurable
Α	4.30" (109.2)	4.30" (109.2)
В	5.00" (127.0)	5.00" (127.0)
С	2.77" (70.4)	2.77" (70.4)
D	3.28" (83.3)	3.28" (83.3)
Ε	5.79" (147.0)	_
F	7.28" (184.9)	_

Cover Plates Inches (mm)

Α	3.78" (96.0)	
В	2.28" (57.9)	
С	0.27" (6.9)	
D	3.28" (83.3)	
Ε	1.87" (47.5)	
F	3.25" (82.6)	





Style shown is representative of all oppenings.



Hubbell Guides



2013 Full Line Catalog

The new Hubbell Wiring Device-Kellems catalog showcases our enhanced product offering to provide a breadth of solutions for the industrial, commercial and residential markets.

WATERTIGHT WIRING DEVICES



Hubbell Safety Brochure

Hubbell has always been focused on safety. That's why Hubbell products are designed and developed to first provide maximum safety against injury and the potential dangers of electricity.



Hubbell Food Processing Brochure

Hubbell's food processing guide identifies Wiring Device-Kellems product solutions for areas where water, corrosiveness, harsh temperature and personal protection are required. Food processing is a demanding environment and Hubbell has the right products to keep production moving safely.

Twist-Lock® App

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