

WATERTIGHT WIRING DEVICES





WATERTIGHT WIRING DEVICES APPLICATION GUIDE

WATER TREATMENT Devices are made to withstand the most abusive environments



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



Food AND BEVERAGE PROCESSING Rated to withstand harsh, wet enviroments common to food and beverage facilities

AGRICULTURE

Mud, standing water and abuse are no match for these rugged engineered devices



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



Certifications

(NSF_s)

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Superior water ingress protection uniquely designed for the most extreme wash down procedures, withstanding hot and high pressure water, in addition to excessively dusty environments.

PRODUCT FEATURES PLUGS AND CONNECTORS



Smooth body design minimizes collection points simplifying the wash down process

HUBBELL Wiring Device-Kellems

Watertight Wiring Devices



Twist-Lock[®] Devices

1	WIST-LOCK [®] Devices								
	Rating	Plug/ Connector	Poles/ Wires	Color	Plug	Connector	Receptacle with Lift Cover	Duplex Receptacle	
0	NEMA L5-15 15A 125V		2P/3W	Yellow Black		HBL25W47A HBL25W47BK	HBL65W47 —	HBL65W47D	
5 Amp	NEMA L6-15 15A 250V		2P/3W	Yellow	HBL24W49	HBL25W49	HBL65W49	HBL65W49D	
1	NEMA L7-15 15A 277V AC		2P/3W	Yellow	HBL24W34	HBL25W34	HBL65W34	HBL65W34D	
	NEMA L5-20 20A 125V		2P/3W	Yellow Black	HBL26W47 HBL26W47BK	HBL27W47 HBL27W47BK	HBL67W47 —	Ξ	
	NEMA L6-20 20A 250V		2P/3W	Yellow	HBL26W48	HBL27W48	HBL67W48	-	
	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	-	
0	NEMA L15-20 20A 3Ø 250V AC		3P/4W	Yellow Black	HBL26W75 HBL26W75BK	HBL27W75 HBL27W75BK	HBL67W75 —	-	
0 Amp	NEMA L16-20 20A 3Ø 480V AC		3P/4W	Yellow Black	HBL26W76 HBL26W76BK	HBL27W76 HBL27W76BK	HBL67W76 —	-	
2(NEMA L21-20 20A 3ØY 120/208V AC		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	$(\mathbf{x}) = (\mathbf{x}) + ($	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	HBL28W48	HBL29W48	HBL69W48	-	
	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	HBL28W75	HBL29W75	HBL69W75	_	
٩	NEMA L16-30 30A 3Ø 480V AC		3P/4W	Yellow Black	HBL28W76BK		HBL69W76 —		
30 Amp	NEMA L17-30 30A 3Ø 600V AC		3P/4W		HBL28W77	HBL29W77	HBL69W77	_	
Ō	NEMA L18-30 30A 3ØY 120/208V AC		4P/4W		HBL28W78	HBL29W78	-	_	
	NEMA L21-30 30A 3ØY 120/208V AC		4P/5W	Black	HBL28W81 HBL28W81BK	HBL29W81 HBL29W81BK	HBL69W81 —		
	NEMA L22-30 30A 3ØY 277/480V AC		4P/5W		HBL28W82	HBL29W82	HBL69W82	_	
	NEMA L23-30 30A 3ØY 347/600V AC	$(\mathbf{x}_{1},\mathbf{y}_{2},\mathbf{y}_{3},$	4P/5W	Yellow		HBL29W83	HBL69W83	_	
	30A 125/250V Non-NEMA		3P/3W		HBL28W08	HBL29W08	HBL69W08	_	
	30A 3ØY 120/208V AC Non-NEMA		4P/4W	Yellow	HBL28W09	HBL29W09	-	_	





 Image: NSF
 Image: NSF

 ULL Type 4, 4X, 6P

 IP65, 66, 67, 69k*

 Image: NSF

 Image: NSF



HUBBELL

Accessories



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HBLWTB1





HBL28W75IN

HBL29W75IN

NSF UL Type 4X IP65, 66, 67 HBL6500



Ordering Information

UL Type 4X Watertight Lift Covers

	Description	Receptacle with Lift Cover
mbly	For use with 15A or 20A straight blade receptacles and 15A Twist-Lock® receptacles; receptacle not included.	HBL6500
Assem	For use with 20A Twist-Lock [®] receptacles; receptacle not included.	HBL6700
ver /	Note: When mating with HBL26W09 , 20A Non-NEMA plug, use HBL6800 cover.	
_ift Cov	For use with 30A Twist-Lock [®] receptacles; receptacle not included.	HBL6800

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

				Closu	re 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



D 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.



UL Type 4X IP65, 66, 69k*

c UL us



*When used with single or duplex receptacles

HUBBEL

Accepts duplex and single receptacles up to 50A Twist-Lock®
Ordering Information
FD Boxes and Angled Adapters
Description
(2) ¾" NPT Hubs, FD Box, Yellow

	Description	Catalog Number
	(2) ¾" NPT Hubs, FD Box, Yellow	HBL60CM83A
(0	(2) ¾" NPT Hubs, FD Box, White	HBL60CM83WA
xes	(2) ¾" NPT Hubs, FD Box, Gray	HBL6083
Box	(2) 1" NPT Hubs, FD Box, Yellow	HBL60CM84A
_	(2) 1" NPT Hubs, FD Box, White	HBL60CM84WA
	(2) 1" NPT Hubs, FD Box, Gray	HBL6084
PLS*	55° Angle Adapter, Yellow	HBL60CM55*
apte	55° Angle Adapter, White	HBL60CM55W*
Adapters*	55° Angle Adapter, Gray	HBL6055*
	(2) ¾" NPT Hubs, Box/Adapter Kit, Yellow	HBL60CM83AK
	(2) ¾" NPT Hubs, Box/Adapter Kit, White	HBL60CM83WAK
Kits	(2) ¾" NPT Hubs, Box/Adapter Kit, Gray	HBL6083AK
Ÿ	(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
ึง	Blank Cover Plate, Yellow	HBL60CM88
overs	Blank Cover Plate, White	HBL60CM88W
ŏ	Blank Cover Plate, Gray	HBLP14FS

Note: *Adapters are not UL listed, nor UL Type 4X. For UL Type 4X rating, use receptacles in a FD box.

Portable Outlet Boxes



Box Suitable for Wet and Damp Locations

> IP44 SUITABILITY







HBL3080F





HBL3080FBK



Brass inserts for maximum strength

Extended wall protects lift covers from impact damage

Ordering Information

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

		Cord Range Inches (mm)	Catalog Number
S	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
Ď	Portable Outlet Box, Deep, Yellow with (2) duplex plates	.38"50" (9.7-12.7)	HBL3000



Configurable Portable Outlet Boxes

			Cord Range	Cord Connector Options		Deluxe Cord
	Empty Box Options	Catalog Number	Inches (mm)	Gray Nylon	Black Nylon	Connectors
	Outlet Box, Yellow	HBL3080	.38"50" (9.5-12.7)	SHC1039CR	—	-
S	Outlet Box, Black Feed Thru Box, Yellow	HBL3080BK HBL3080F	.50"63" (12.7-15.9)	SHC1040CR	SHC2040CR	CG810NM
oxes	Feed Thru Box, Black	HBL3080FBK	.63"75" (15.9-19.0)	SHC1041CR	SHC2041CR	074011341
Ô			.75"88" (19.0-22.2)	SHC1042CR	SHC2042CR	074011342
	.		.88"-1.00" (22.2-25.4)	SHC1043CR	SHC2043CR	074011343
	Note: Includes Locknut.		.59"-1.00" (15.0-25.4)	SEC100GA	SEC100BA	-

COVER PLATES FOR PORTABLE OUTLET BOXES AND PANELS





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
Plates	Outlet box cover, 1.39" diameter receptacle	HBL3057	HBL3052
	Outlet box cover, 1.572" diameter receptacle	HBL3058	HBL3055
over	Outlet box cover; GFCI	HBL3061	HBL3060
0	Outlet box coverplate, blank	HBL3054	_



HBL3055

HBL3060



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Specifications

Materials

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
Bushings	Thermoplastic elastomer, black
Gotcha Ring	Nylon
Cone Seal	Thermoplastic elastomer, black
Closure Cap	Thermoplastic elastomer

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)

Bushings Gotcha Ring	Thermoplastic elastomer, black Nylon		
Cone Seal	Thermoplastic elastomer, black		
Closure Cap	Thermoplastic elastomer		
Receptacle Assembly			
Part	Materials		
Base, Flip Lid, and	PBT		
Backplate Seal Collar Mounting Screws	Thermoplastic elastomer Stainless Steel		
Spring and Hinge Pin	Stainless Steel		
Portable Outlet Box and		FD Box/Adapter	
Part	Materials	Part	Materials
Box Enclosure Strain Relief Nut Grommet Gotcha Ring Locknut	Thermoplastic elastomer PBT Thermoplastic elastomer Nylon Steel, zinc plate	Box Enclosure Ground Bracket Ground Screw Angle Adapter	PBT 316 Stainless Steel Brass PBT
Threaded Inserts Receptacle Screw	Brass Stainless steel	Environmental	
Cover Plate Cover Plate Seal Cover Plate Spring Hinge Pin Hinge Bracket Rivets	PBT Neoprene Stainless steel Stainless steel Zinc plated steel Zinc plated steel	Box	UL Type 4X (with UL Type 4X receptacle assembly) UL Type 3R (with weatherproof cover plate)
Performance			
Electrical			
Dielectric Voltage Connectors: Plugs: Max Working Voltage Current Interrupting Temperature Rise	2000V AC if rated 300V or less; 3000V AC if rated 2500V AC if rated 300V or less; 3500V AC if rated As marked Rated for current interruption per UL498 30°C max per UL498 at rated current		
•			
Mechanical Cord and terminal accomm	adationa		
Plugs and Connectors	lodations.		
	16/3 SJ to 10/3 SJ, 18/3 S to 12/3 S, (Ø.325" to 6	0625") (Ø8.3mm to Ø	15.9 mm)
20A Locking Except HBL26W09 & HBL27W09	Min. Cord: 16/3 SJ, 18/3 S, 18/4 SJ, 18/4 S, 18/5 Max. Cord: 10/3 S, 10/4 S, 10/5 S (.875") (22.2 m		n)
30A Locking Including HBL26W09 & HBL27W09	Min Cords: 12/3 SJ, 16/3 S, 14/4 SJ, 18/4 S, 18/5 Max Cord: 8/3 S, 8/4 S, 10/5 S (1.125") (28.6 mn	5 S, (Ø.375") (Ø9.5 mi	m)
	tranded building wire or flexible cord only as outline	•	
All Straight Blade	18 AWG to 10 AWG		
15A Locking 20A and 30A Locking	18 AWG to 10 AWG 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 in ³		
Environmental			
Moisture Resistance	UL Listed to 3R, 3RX, 4, 4X, 6, 6P, 12 (Plugs and Wet and Damp Locations (Portable outlet boxes); cover closed		
Flammability	UL94V0 (boxes, covers, and plates); UL94V2 (Plu bushings, and cone seals)	gs, connectors, and i	nteriors); UL94HB (Caps,
Operating Temperatures UV Resistance	-40°C (without impact) to +60°C continuous All exposed materials are UV stabilized		



DIMENSIONS



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)
	B	3.16 (80.27)	2.68 (68.00)	3.21 (81.46)	3.96 (100.69)	3.94 (99.98)
Connectors	C	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)

	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)
C	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)
E	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)		
Е	5.79" (147.0)	_		
F	7.28" (184.9)	_		



Со	ver	Plates	Inches (mm)

		- (
Α	3.78" (96.0)	
в	2.28" (57.9)	
С	0.27" (6.9)	
D	3.28" (83.3)	
Е	1.87" (47.5)	
F	3.25" (82.6)	





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-Drill Points Provided

Gasket Coverplate, Adhesive On One Side

Style shown is representative of all oppenings.



Hubbell Guides



Full Line Catalog

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

When you're on the go... Use the New Twist-Lock[®] App from Hubbell[®].





HUBBELL® Wiring Device-Kellems

www.hubbell-wiring.com

