



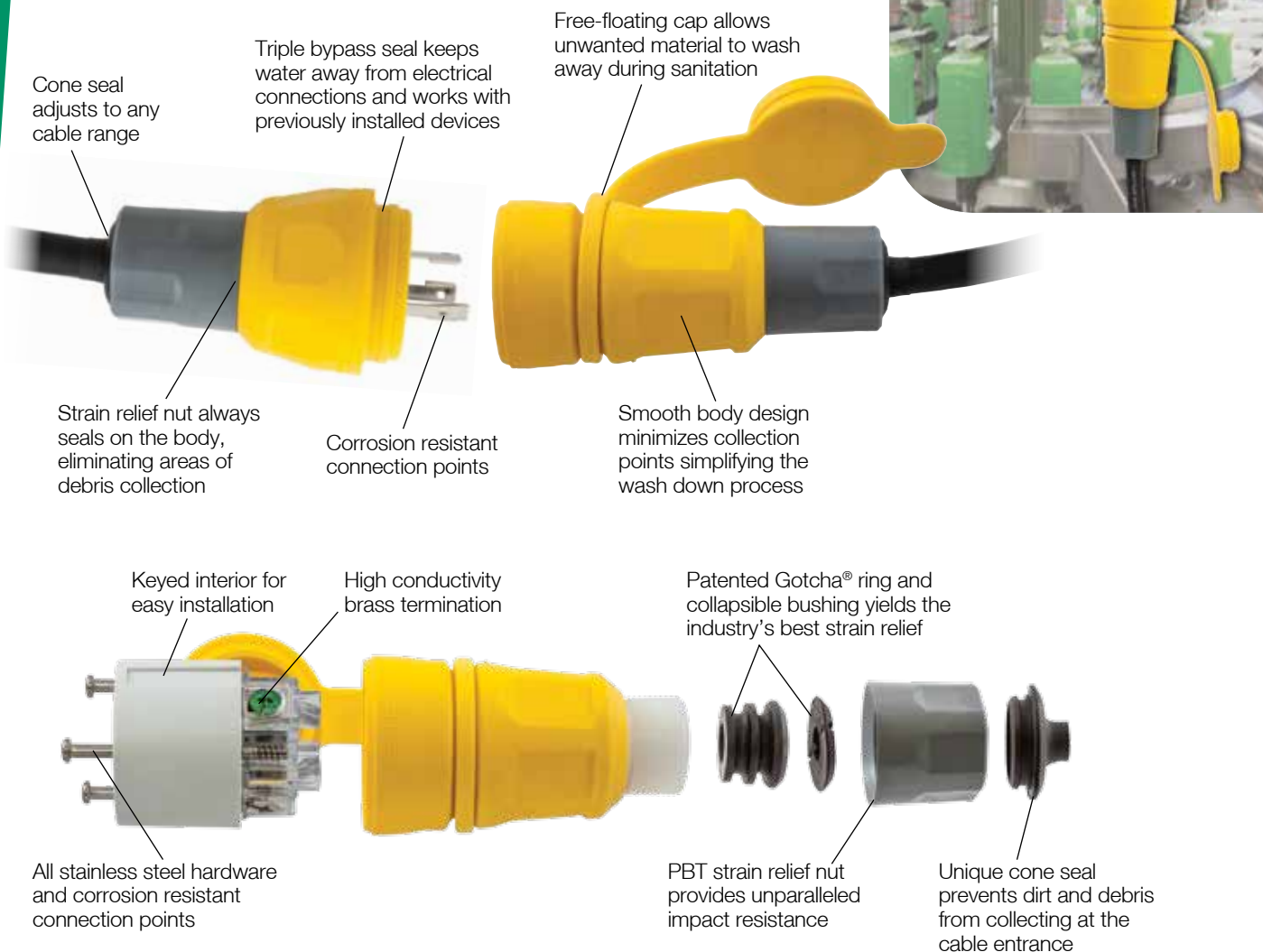
# **BRYANT®**

## **Watertight Wiring Devices**

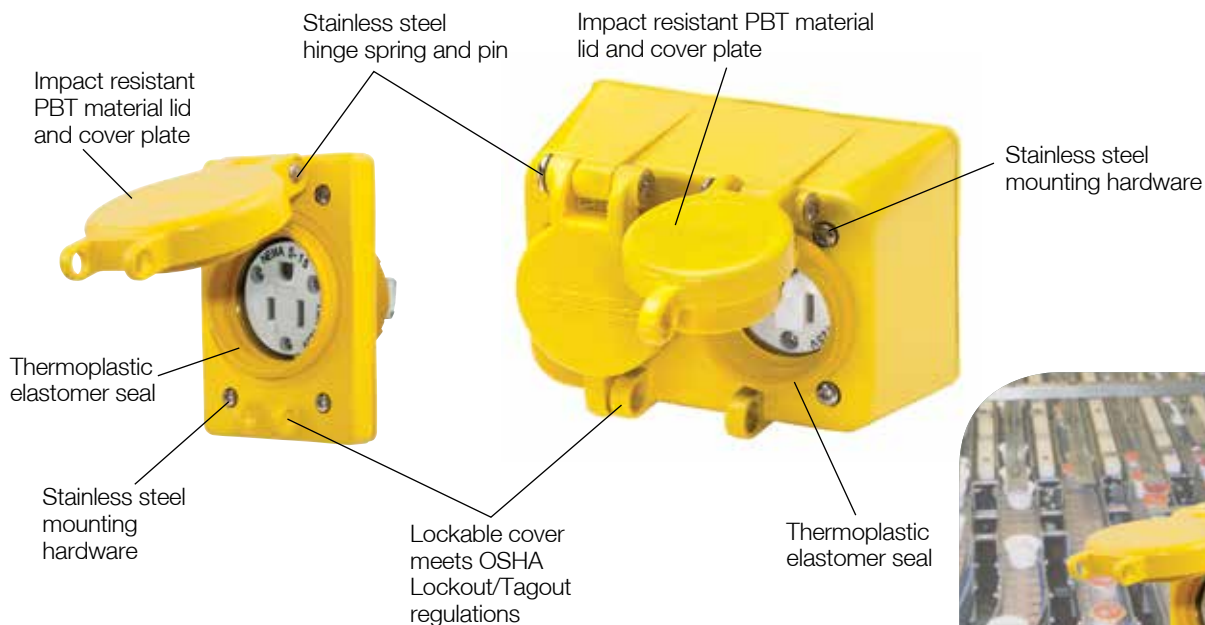
**Watertight and Weather  
Protective Devices for  
Demanding Environments**



# Plugs and Connectors



# Receptacles with Covers

































# Plugs, Connectors and Receptacles

**BRYANT®**

NSF UL NSF  
UL Type 4, 4X, 6P

**IP65, 66, 67**  
SUITABILITY



	Amp Poles/Wires	Rating	Plug/Connector	Color	Plug	Connector	Receptacle with Lift Cover	Duplex Receptacle
Straight Blade	15 Amp 2P/3W	NEMA 5-15 15A 125V		Yellow	<b>BRY14W47</b>	<b>BRY15W47</b>	<b>BRY60W47</b>	<b>BRY60W47D</b>
		NEMA 6-15 15A 250V		Yellow	<b>BRY14W49</b>	<b>BRY15W49</b>	<b>BRY60W49</b>	<b>BRY60W49D</b>
		15A 125V 10A 600V Non-NEMA		Yellow	<b>BRY14W07</b>	<b>BRY15W07</b>	—	—
	20 Amp 2P/3W	NEMA 5-20 20A 125V		Yellow	<b>BRY14W33</b>	<b>BRY15W33</b>	<b>BRY60W33</b>	<b>BRY60W33D</b>
		NEMA 6-20 20A 250V		Yellow	<b>BRY14W48</b>	<b>BRY15W48</b>	<b>BRY60W48</b>	<b>BRY60W48D</b>
Locking Devices	15 Amp 2P/3W	NEMA L5-15 15A 125V		Yellow	<b>BRY24W47</b>	<b>BRY25W47</b>	<b>BRY65W47</b>	<b>BRY65W47D</b>
		NEMA L6-15 15A 250V		Yellow	<b>BRY24W49</b>	<b>BRY25W49</b>	<b>BRY65W49</b>	<b>BRY65W49D</b>
		NEMA L7-15 15A 277V AC		Yellow	<b>BRY24W34</b>	<b>BRY25W34</b>	<b>BRY65W34</b>	<b>BRY65W34D</b>
	20 Amp 2P/3W	NEMA L5-20 20A 125V		Yellow	<b>BRY26W47</b>	<b>BRY27W47</b>	<b>BRY67W47</b>	—
		NEMA L6-20 20A 250V		Yellow	<b>BRY26W48</b>	<b>BRY27W48</b>	<b>BRY67W48</b>	—
		NEMA L7-20 20A 277V AC		Yellow	<b>BRY26W49</b>	<b>BRY27W49</b>	<b>BRY67W49</b>	—
	20 Amp 3P/4W	NEMA L14-20 20A 125/250V AC		Yellow	<b>BRY26W74</b>	<b>BRY27W74</b>	<b>BRY67W74</b>	—
		NEMA L15-20 20A 3Ø 250V AC		Yellow	<b>BRY26W75</b>	<b>BRY27W75</b>	<b>BRY67W75</b>	—
		NEMA L16-20 20A 3Ø 480V AC		Yellow	<b>BRY26W76</b>	<b>BRY27W76</b>	<b>BRY67W76</b>	—
	20 Amp 4P/5W	NEMA L21-20 20A 3ØY 120/208V AC		Yellow	<b>BRY26W81</b>	<b>BRY27W81</b>	<b>BRY67W81</b>	—
		NEMA L22-20 20A 3ØY 277/480V AC		Yellow	<b>BRY26W82</b>	<b>BRY27W82</b>	<b>BRY67W82</b>	—
		NEMA L23-20 20A 3ØY 347/600V		Yellow	<b>BRY26W83</b>	<b>BRY27W83</b>	<b>BRY67W83</b>	—
	20 Amp 3P/3W	20A 125/250V Non-NEMA		Yellow	<b>BRY26W08</b>	<b>BRY27W08</b>	<b>BRY67W08</b>	—
	20 Amp 4P/4W	20A 3ØY 120/208V AC Non-NEMA		Yellow	<b>BRY26W09</b>	<b>BRY27W09</b>	<b>BRY67W09</b>	—
	30 Amp 2P/3W	NEMA L5-30 30A 125V		Yellow	<b>BRY28W47</b>	<b>BRY29W47</b>	<b>BRY69W47</b>	—
		NEMA L6-30 30A 250V		Yellow	<b>BRY28W48</b>	<b>BRY29W48</b>	<b>BRY69W48</b>	—
		NEMA L7-30 30A 277V AC		Yellow	<b>BRY28W49</b>	<b>BRY29W49</b>	<b>BRY69W49</b>	—
	30 Amp 3P/4W	NEMA L14-30 30A 125/250V AC		Yellow	<b>BRY28W74</b>	<b>BRY29W74</b>	<b>BRY69W74</b>	—
		NEMA L15-30 30A 3Ø 250V AC		Yellow	<b>BRY28W75</b>	<b>BRY29W75</b>	<b>BRY69W75</b>	—
		NEMA L16-30 30A 3Ø 480V AC		Yellow	<b>BRY28W76</b>	<b>BRY29W76</b>	<b>BRY69W76</b>	—
		NEMA L17-30 30A 3Ø 600V AC		Yellow	<b>BRY28W77</b>	<b>BRY29W77</b>	<b>BRY69W77</b>	—
		NEMA L18-30 30A 3ØY 120/208V AC		Yellow	<b>BRY28W78</b>	<b>BRY29W78</b>	—	—
	30 Amp 4P/5W	NEMA L21-30 30A 3ØY 120/208V AC		Yellow	<b>BRY28W81</b>	<b>BRY29W81</b>	<b>BRY69W81</b>	—
		NEMA L22-30 30A 3ØY 277/480V AC		Yellow	<b>BRY28W82</b>	<b>BRY29W82</b>	<b>BRY69W82</b>	—
		NEMA L23-30 30A 3ØY 347/600V AC		Yellow	<b>BRY28W83</b>	<b>BRY29W83</b>	<b>BRY69W83</b>	—
	30 Amp 3P/3W	30A 125/250V Non-NEMA		Yellow	<b>BRY28W08</b>	<b>BRY29W08</b>	<b>BRY69W08</b>	—
	30 Amp 4P/4W	30A 3ØY 120/208V AC Non-NEMA		Yellow	<b>BRY28W09</b>	<b>BRY29W09</b>	—	—

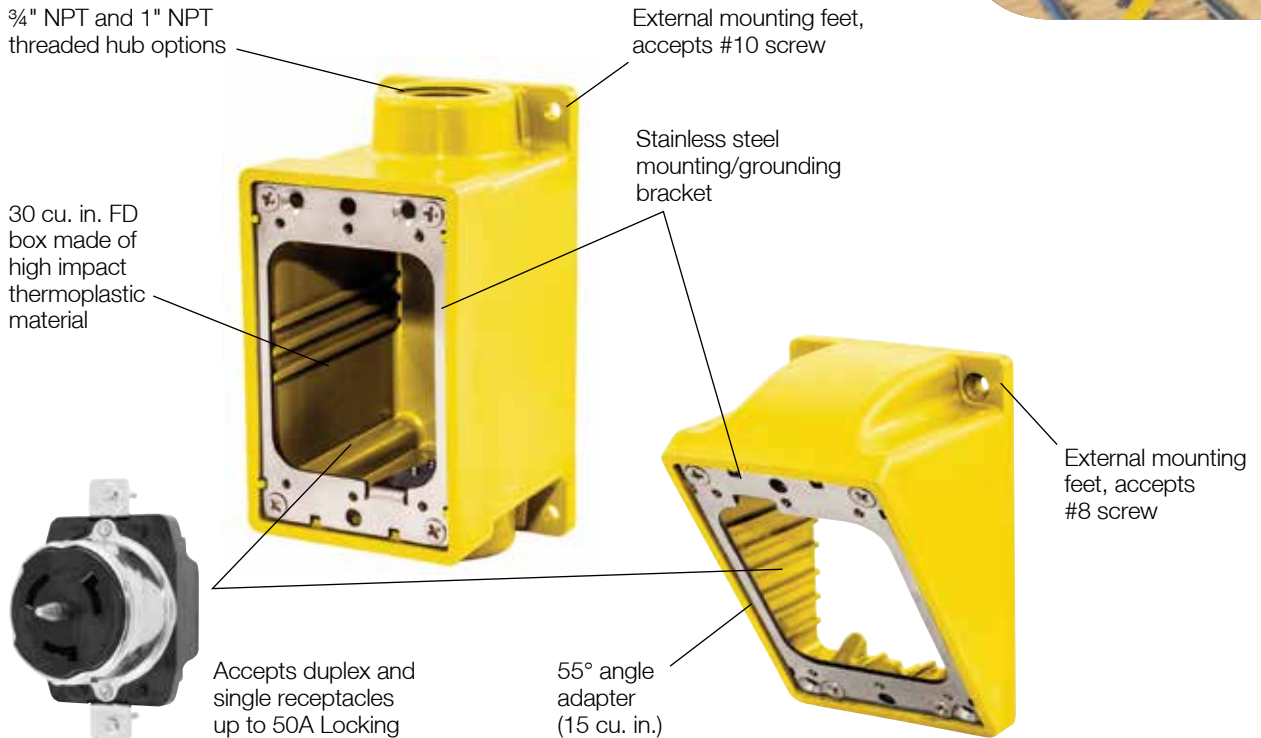
Note: Black devices are available as a special order, consult factory.

ORDERING INFORMATION

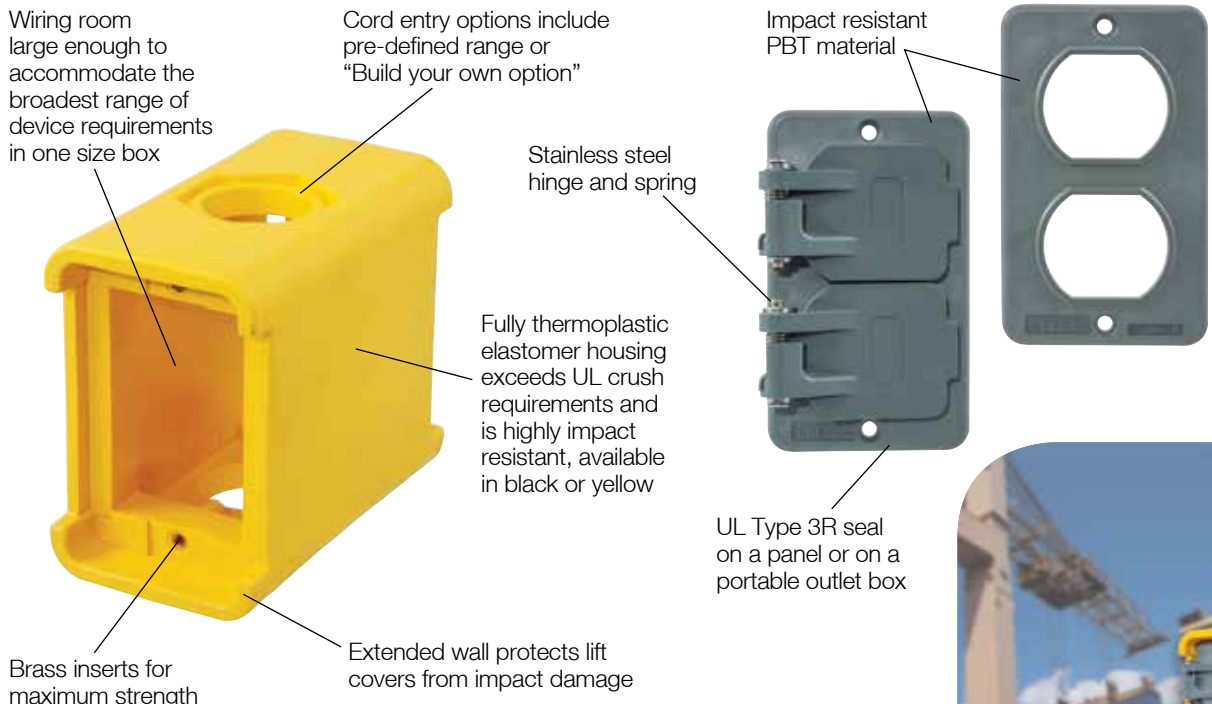


# FD Boxes and Angled Adapters

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.



# Portable Outlet Box and Cover Plates



# Boxes, Cover Plates and Accessories

**BRYANT®**



UL Type 4X

**IP65, 66**  
SUITABILITY



BRY60CM83A



BRY60CM55



BRY60CM88



BRY60CM88W



BRYP14FS

## FD Boxes and Angled Adapters\*

Color	FD Boxes			Kits		
	3/4" NPT Hubs	1" NPT Hubs	55° Angle Adapter*	3/4" NPT Hubs	1" NPT Hubs	Blank Cover Plates
Yellow	<b>BRY60CM83A</b>	<b>BRY60CM84A</b>	<b>BRY60CM55*</b>	<b>BRY60CM83AK</b>	<b>BRY60CM84AK</b>	<b>BRY60CM88</b>
White	<b>BRY60CM83WA</b>	<b>BRY60CM84WA</b>	<b>BRY60CM55W*</b>	<b>BRY60CM83WAK</b>	<b>BRY60CM84WAK</b>	<b>BRY60CM88W</b>
Gray	<b>BRY6083</b>	<b>BRY6084</b>	<b>BRY6055*</b>	<b>BRY6083AK</b>	<b>BRY6084AK</b>	<b>BRYP14FS</b>

Note: \*For NEMA 4X rating, use watertight receptacle on either FD box or adapter. Adapters available 2nd quarter 2015. Not UL listed, nor UL Type 4X.



Box Suitable for Wet  
and Damp Locations

**IP44**  
SUITABILITY



BRY3099



BRY3090F



BRY3000

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

Description	Cord Range Inches (mm)	Color	Deep	Deep with Feed-Thru	Deep with (2) Duplex Cover Plates
Portable outlet box	.38"-.50" (9.7-12.7)	Yellow	<b>BRY3099</b>	<b>BRY3090F</b>	<b>BRY3000</b>

Note: For use with NEMA Type 1 and Type 3R portable outlet box covers listed below.



UL Type 1, 3R

**IP44**  
SUITABILITY



BRY3051



BRY3056



BRY3052



BRY3057



BRY3055



BRY3058



BRY3060



BRY3061



BRY3054

## Portable Outlet Box Cover Plates (NEMA Type 1) and Lift Covers (NEMA Type 3R)

Description	Duplex		1.39" diameter receptacle		1.572" diameter receptacle		GFCI		Blank
	Box Cover UL Type 1	Lift Cover UL Type 3R	Box Cover UL Type 1	Lift Cover UL Type 3R	Box Cover UL Type 1	Lift Cover UL Type 3R	Box Cover UL Type 1	Lift Cover UL Type 3R	Cover Plate UL Type 3R
Portable outlet box cover plates	<b>BRY3051</b>	<b>BRY3056</b>	<b>BRY3052</b>	<b>BRY3057</b>	<b>BRY3055</b>	<b>BRY3058</b>	<b>BRY3060</b>	<b>BRY3061</b>	<b>BRY3054</b>



UL Type 4X

**IP65, 66, 67**  
SUITABILITY

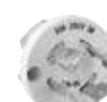


BRY6500

## Watertight Lift Covers

Description	Receptacle with Lift Cover
For use with 15A or 20A straight blade receptacles and 15A locking receptacles; receptacle not included.	<b>BRY6500</b>
For use with 20A locking receptacles; receptacle not included. Note: When mating with BRY26W09, 20A Non-NEMA plug, use BRY6800 cover.	<b>BRY6700</b>
For use with 30A locking receptacles; receptacle not included.	<b>BRY6800</b>

## Replacement Interiors



BRY28W75IN



BRY29W75IN

Device	Rating	Interiors	
		Plug	Receptacle
Straight Blade Locking	15A 125V	<b>BRY14W47IN</b> <b>BRY24W47IN</b>	<b>BRY15W47IN</b> —
Locking	15A 125V	—	<b>BRY27W47IN</b>
	20A 3Ø 250V AC	<b>BRY26W75IN</b>	—
	20A 3Ø 480V AC	<b>BRY26W76IN</b>	<b>BRY27W76IN</b>
Locking	30A 3Ø 250V AC	<b>BRY28W75IN</b>	<b>BRY29W75IN</b>
	30A 3Ø 480V AC	<b>BRY28W76IN</b>	<b>BRY29W76IN</b>

## Bushings, Cone Seals and Closure Caps



BRYWTB1



BRYWTCS2



BRY50W50

Device	Bushings	Cone Seals	Closure Caps
15A Straight Blade and 15A Locking	<b>BRYWTB1</b>	<b>BRYWTCS1</b>	<b>BRY50W50</b>
20A Straight Blade	<b>BRYWTB1</b>	<b>BRYWTCS1</b>	<b>BRY50W50</b>
20A Locking	<b>BRYWTB2</b>	<b>BRYWTCS2</b>	<b>BRY50W52</b>
30A Locking	<b>BRYWTB3</b>	<b>BRYWTCS3</b>	<b>BRY50W54</b>

ORDERING INFORMATION

# Technical Information

## 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 Locking; #10-32 20A and 30A Locking
Assembly Screws	Stainless Steel
Bushings	Thermoplastic elastomer, black
Gotcha Ring	Nylon
Cone Seal	Thermoplastic elastomer, black
Closure Cap	Thermoplastic elastomer

### Receptacle Assembly

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

### Portable Outlet Box and Accessories

Part	Materials
Box Enclosure	Thermoplastic elastomer
Strain Relief Nut	PBT thermoplastic
Grommet	Thermoplastic elastomer
Gotcha Ring	Nylon
Locknut	Steel, zinc plate
Threaded Inserts	Brass
Receptacle Screw	Stainless steel
Cover Plate	PBT thermoplastic
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 thermoplastic
Ground Bracket	316 Stainless Steel
Ground Screw	Brass
Angle Adapter	PBT thermoplastic

### Environmental

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

### Electrical

Dielectric Voltage	
Connectors:	2000V AC if rated 300V or less; 3000V AC if rated above 300V
Plugs:	2500V AC if rated 300V or less; 3500V AC if rated above 300V
Max Working Voltage	As marked
Current Interrupting	Rated for current interruption per UL498
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 mm)
20A Locking Except BRY26W09 & BRY27W09	Min. Cord: 16/3 SJ, 18/3 S, 18/4 SJ, 18/4 S, 18/5 S, (Ø.325") (Ø8.3 mm) Max. Cord: 10/3 S, 10/4 S, 10/5 S (.875") (22.2 mm)
30A Locking Including BRY26W09 & BRY27W09	Min Cords: 12/3 SJ, 16/3 S, 14/4 SJ, 18/4 S, 18/5 S, (Ø.375") (Ø9.5 mm) 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" (BRY3099, BRY3090F, BRY3000) and .38" to 1.00" with user-specified cord connector
Wiring Volume	19.0 in <sup>3</sup>

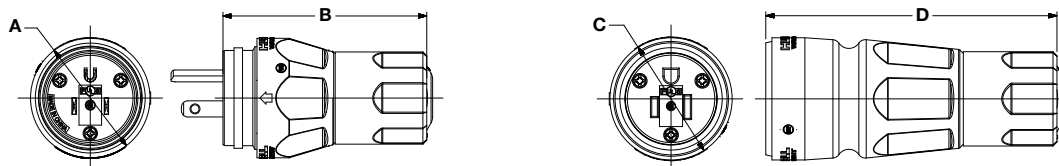
### Environmental

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

## Plugs and Connectors Inches (mm)

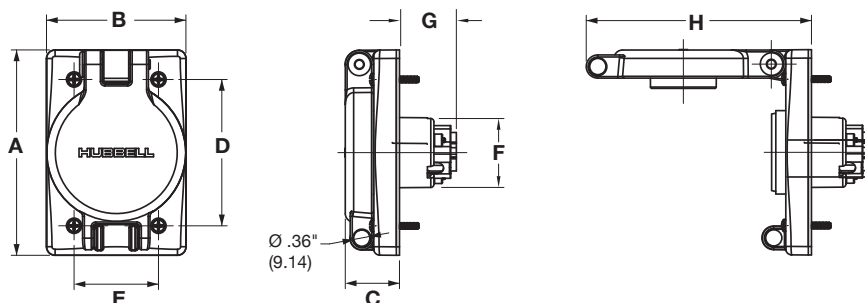
		15A & 20A Straight Blade	15A Non-NEMA Straight Blade	15A Locking	20A Locking	30A Locking
Plugs	<b>A</b>	1.85 (47.07)	1.63 (41.40)	1.85 (47.07)	2.51 (63.70)	2.77 (70.41)
	<b>B</b>	3.16 (80.27)	2.68 (68.00)	3.21 (81.46)	3.96 (100.69)	3.94 (99.98)
Connectors	<b>C</b>	1.85 (47.07)	1.80 (46.00)	1.85 (47.07)	2.51 (63.70)	2.77 (70.41)
	<b>D</b>	4.42 (112.14)	4.00 (102.00)	4.62 (117.22)	5.69 (144.55)	5.67 (144.00)

Note: For BRY26W09 and BRY27W09 use 30A Locking dimensions.



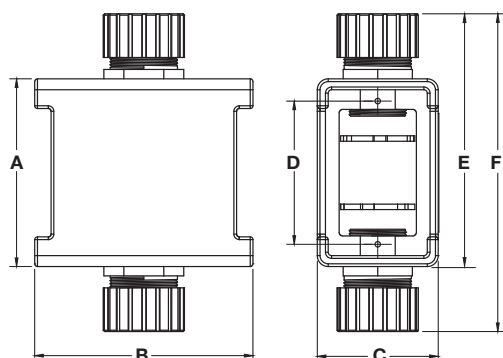
## Receptacles with Lift Covers Inches (mm)

	15A & 20A Straight Blade	15A Locking	20A Locking	20A Non-NEMA	30A Locking	30A Non-NEMA
<b>A</b>	4.56" (115.9)	4.56" (115.9)	4.56" (115.9)	4.56" (115.9)	4.56" (115.9)	4.56" (115.9)
<b>B</b>	3.10" (78.7)	3.10" (78.7)	3.10" (78.7)	3.10" (78.7)	3.10" (78.7)	3.10" (78.7)
<b>C</b>	1.20" (30.6)	1.20" (30.6)	1.20" (30.6)	1.20" (30.6)	1.20" (30.6)	1.20" (30.6)
<b>D</b>	3.25" (82.6)	3.25" (82.6)	3.25" (82.6)	3.25" (82.6)	3.25" (82.6)	3.25" (82.6)
<b>E</b>	1.88" (47.6)	1.88" (47.6)	1.88" (47.6)	1.88" (47.6)	1.88" (47.6)	1.88" (47.6)
<b>F</b>	1.26" (32.0)	1.46" (37.1)	1.72" (43.7)	2.26" (57.4)	1.72" (43.7)	1.97" (50.0)
<b>G</b>	1.63" (41.4)	1.63" (41.4)	2.25" (57.2)	2.25" (57.2)	2.25" (57.2)	2.25" (57.2)
<b>H</b>	5.00" (127.0)	5.00" (127.0)	5.00" (127.0)	5.00" (127.0)	5.00" (127.0)	5.00" (127.0)



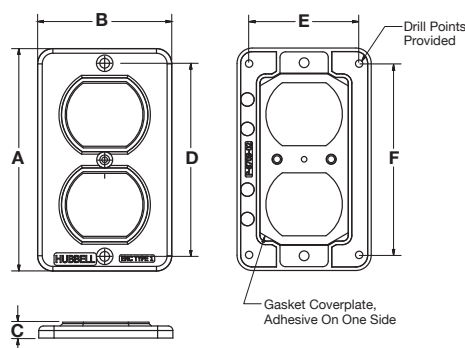
## Portable Outlet Boxes Inches (mm)

<b>A</b>	4.30" (109.2)
<b>B</b>	5.00" (127.0)
<b>C</b>	2.77" (70.4)
<b>D</b>	3.28" (83.3)
<b>E</b>	5.79" (147.0)
<b>F</b>	7.28" (184.9)



## Box Covers Inches (mm)

<b>A</b>	3.78" (96.0)
<b>B</b>	2.28" (57.9)
<b>C</b>	0.27" (6.9)
<b>D</b>	3.28" (83.3)
<b>E</b>	1.87" (47.5)
<b>F</b>	3.25" (82.6)



Style shown is representative of all openings.



## Bryant Guides



### Full-Line Catalog

The Bryant full-line catalog showcases our enhanced product offering to provide a breadth of solutions for the industrial, institutional, commercial and residential markets.



### Cam-Type Devices and Power Distribution Boxes Brochure

Bryant offers a complete line of high quality, Cam-Type plugs, receptacles and accessories. Also Temporary Electrical Power solutions for demanding applications and environments.



### Electric Cord and Cable Reels Brochure

Bryant's NEMA 4X Waterproof Industrial and Commercial Cord Reels are built to provide safe, convenient power and lighting for demanding industrial applications and institutional environments.



## CERTIFICATIONS



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# BRYANT®

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