IP67
SUITABILITY

Hubbell's new line of IEC 60309 Valox Pin & Sleeve Devices are **dual certified for both US and European markets.** They are ideal for the data center and high tech server industry because customers can use the same device for multiple electrical applications globally.

Devices are **UL Listed/ CSA Certified** to bi-national standard CSA C22.2 No. 182.1-07/UL 1682 for the North American market and are **TUV Rheinland Certified** and **UL Classified** for the European and International markets. These devices are IP67 Rated, RoHS compliant and showcase all the inherent safety benefits of their Valox V-0 rated housings.

Our robust offering includes plugs, connectors, receptacles and inlets. These devices are available in 30/32A, 60/63A and 100/125A in 3-pole, 4-wire and 4-pole 5-wire. All these device configurations are 6 o'clock ground/earth pin. A complete line of accessories are also available.

Rating					Watertight Devices			
Amps	Poles And Wires	Configuration Recep./ Conn.	Plug	AC Voltage	Receptacle	Plug	Connector	Inlet
30/32	3P 4W			380-415V	HBL430R6V02	HBL430P6V02	HBL430C6V02	HBL430B6V02
	4P 5W			200/346V 240/415V	HBL530R6V02	HBL530P6V02	HBL530C6V02	HBL530B6V02
60/63	3P 4W			380-415V	HBL460R6V02	HBL460P6V02	HBL460C6V02	HBL460B6V02
	4P 5W			200/346V 240/415V	HBL560R6V02	HBL560P6V02	HBL560C6V02	HBL560B6V02
100/125	3P 4W			380/415V	HBL4100R6V02*	HBL4100P6V02*	HBL4100C6V02*	HBL4100B6V02*
100/125	4P 5W			200/346V 240/415V	HBL5100R6V02*	HBL5100P6V02*	HBL5100C6V02*	HBL5100B6V02*

* Special Order. Consult factory regarding your 100/125A needs.

BB60N

BB601W

FW6010055

FT202W

FW60100

Back Boxes

Hubbell manufactures an extensive line of back boxes for use with IEC Pin and Sleeve devices. Each back box is designed to give the user the maximum amount of wiring room while achieving grounding to metallic conduit. Hubbell back boxes are available in non-metallic and cast metal versions.

Non-Metallic 15º Angle Back Box

Description	NPT Hub Size*	Catalog Number
Back box for 30/32A devices.	1"	**BB2030N**
Back box for 60/63A devices.	1¼"	**BB60N**
Back box for 100/125A devices.	1½"	**BB100N**

*Note: *Hub is not included; order one of the following Raco® part numbers: 1 in. = 1704, 1¼ in. = 1705, 1½ in. = 1706. These boxes meets IP67 requirement and Type 4X requirements when installed with a watertight conduit hub.*

Metallic 15º Angle Back Box**

Description	NPT Hub Size	Catalog Number
Back box for 30/32A devices.	¾"	**BB201W**
	1"	**BB301W**
Back box for 60/63A devices.	1¼"	**BB601W**
	1½"	**BB602W**
Back box for 100/125A devices.	1½"	**BB1001W**
	2"	**BB1002W**

*Note: **These boxes are cast aluminum, suitable for IP56 requirements and are finished with enamel paint.*

Metallic 55º Angle Back Box and Adapter**

Description	NPT Hub Size	Catalog Number
Feed-thru box back box and adapter for 30/32A devices.	1"	**AB203055**
Angle adapter only.		**AA203055**
Back box and adapter for 60/63A and 100/125A devices.	1½"	**FW6010055**
Angle adapter only.		**AA6010055**

*Note: **These boxes are cast aluminum, suitable for IP56 requirements and are finished with enamel paint.*

Metallic Feed-Thru Back Box**

Description	NPT Hub Size	Catalog Number
Feed-thru box for 30/32A devices.	¾"	**FT202W**
	1"	**FT302W**

*Note: **These boxes are cast aluminum, suitable for IP56 requirements and are finished with enamel paint.*

Metallic Four-Way 15º Angle Back Box**

Description	NPT Hub Size	Catalog Number
Four-way box for 60/63A and 100/125A devices.	1½"	**FW60100**

*Note: **These boxes are cast aluminum, suitable for IP56 requirements and are finished with enamel paint.*

Liquidtight Adapters

Machined aluminum adapters are available to provide a means for attaching flexible liquidtight metal conduit to the rear of a Hubbell Pin and Sleeve plug or connector. To install, remove cord grip and two gland cap screws. Use screws to attach adapter.

SAB34

Rating of Hubbell Pin and Sleeve Device	Liquidtight Conduit Size	Hubbell Liquidtight Adapter
30/32A 4 wire	½" NPT	**SAB12**
	¾" NPT	**SAB34**
	1" NPT	**SAB100**
30/32A 5 wire	¾" NPT	**SAC34**
30/32 Amp 5 wire and 60/63 Amp (all)	1" NPT	**SAC100**
	1¼" NPT	**SAC125**
100/125 Amp (all)	1¼" NPT	**SAD125**
	1½" NPT	**SAD150**

HUBBELL®

Plug Dimensions

Dimensions in Inches (mm)

Type	A	B	Cord Grip Range
HBL430P6V02	8.05" (204.5)	3.74" (95.0)	.375"-1.250" (9.5-31.8)
HBL530P6V02	8.54" (216.9)	4.02" (102.0)	.500"-1.450" (12.7-36.8)
HBL460P6V02, HBL560P6V02	10.15" (257.8)	4.49" (114.0)	.500"-1.450" (12.7-36.8)
HBL4100P6V02, HBL5100P6V02	12.63" (320.8)	4.92" (125.0)	1.065"-1.940" (27.1-49.3)

Plug

Connector Body Dimensions

Type	A	B	Cord Grip Range
HBL430C6V02	9.05" (229.9)	4.27" (108.5)	.375"-1.250" (9.5-31.8)
HBL530C6V02	9.68" (245.8)	4.70" (119.5)	.500"-1.450" (12.7-36.8)
HBL460C6V02, HBL560C6V02	11.15" (283.2)	5.10" (129.5)	.500"-1.450" (12.7-36.8)
HBL4100C6V02, HBL5100C6V02	13.57" (344.7)	5.71" (145)	1.065"-1.940" (27.1-49.3)

Connector Body

Inlet Dimensions

Type	A	B	C	D	E	F
HBL430B6V02	2.99" (76.0)	2.49" (63.2)	1.04" (26.5)	2.72" (69.0)	3.75" (95.3)	3.13" (79.5)
HBL530B6V02	2.99" (76.0)	2.75" (69.9)	1.04" (26.5)	2.80" (71.0)	3.75" (95.3)	3.13" (79.5)
HBL460B6V02, HBL560B6V02	4.04" (102.6)	2.97" (75.5)	1.18" (30.0)	3.46" (88.0)	4.50" (114.3)	3.88" (98.5)
HBL4100B6V02, HBL5100B6V02	4.53" (115)	3.44" (87.5)	1.95" (49.5)	3.94" (100.0)	5.50" (139.7)	4.88" (124.0)

Inlet

7/32" (5.5) Dia. (4 Holes)

Receptacle Dimensions

Type	A	B	C	D	E	F
HBL430R6V02	4.27" (108.5)	3.09" (78.5)	1.16" (29.5)	2.72" (69.0)	3.75" (95.3)	3.13" (79.5)
HBL530R6V02	4.70" (119.4)	3.09" (78.5)	1.16" (29.5)	2.83" (71.9)	3.75" (95.3)	3.13" (79.5)
HBL460R6V02, HBL560R6V02	5.10" (129.5)	4.07" (103.4)	1.69" (43.0)	3.46" (88.0)	4.50" (114.3)	3.88" (98.6)
HBL4100R6V02, HBL5100R6V02	5.71" (145)	4.23" (107.4)	2.46" (62.5)	3.95" (100.3)	5.50" (139.7)	4.88" (123.9)

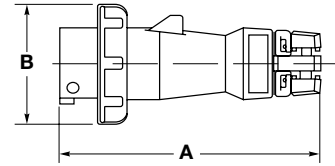*Note: 30, 60 and 100A devices are dimensionally equivalent to 16, 32, 63 and 125A devices, respectively.*

Receptacle

7/32" (5.5) Dia. (4 Holes)

Watertight Materials

Part	Material
Inlet	
Housing	Valox
Locking Ring	Reinforced Thermoplastic Polyester
Mounting Flange	Zytel® 101 Nylon
Mounting Screws	Stainless Steel (300 Series)
Contact Carrier	High-Impact Thermoset
Retainer	High-Impact Thermoset
Ground, Phase Pins	Brass (M-Series - Nickel-plated brass)
Terminal Screws	Stainless Steel (300 Series)
Assembly Screws (2)	Stainless Steel (300 Series)
Gaskets	Solid Neoprene
Connector Body	
Housings	Valox
Cord Clamps	Reinforced Thermoplastic Polyester
Glands	Solid Neoprene
Cover Arms	Reinforced Thermoplastic Polyester
Arm Springs	Stainless Steel (17-7 type)
Covers	Reinforced Thermoplastic Polyester
Cover Screw	Nickel-plated brass
Rotating Sealing Disc	Polycarbonate
Gaskets	Solid Neoprene
Contact Carrier	High-Impact Thermoset
Retainer	High-Impact Thermoset
Phase, Ground Sleeves	Brass
Sleeve Spring	30/32A Stainless Steel (300 Series); others are Beryllium Copper multi-contact inserts with silver plating
Terminal Screws	Stainless Steel (300 Series)
Assembly Screws	Stainless Steel (300 Series)

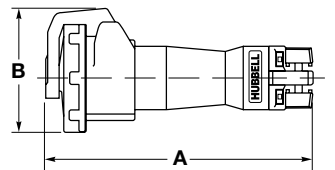| Part	Material
Plug	
Housing	Valox
Locking Ring	Reinforced Thermoplastic Polyester
Sealing Gasket	Solid Neoprene
Cord Clamp	Reinforced Thermoplastic Polyester
Gland Cap	Reinforced Thermoplastic Polyester
Gland	Solid Neoprene
Cord Clamp Screws	Stainless Steel (300 Series)
Clamp Nut	Nickel-Plated Brass
Gland Clamp Screws	Stainless Steel (300 Series)
Contact Carrier	High-Impact Thermoset
Retainer	High-Impact Thermoset
Ground, Phase Pins	Brass (M-Series - Nickel-plated brass)
Terminal Screws	Stainless Steel (300 Series)
Assembly Screws	Stainless Steel (300 Series)
Receptacle	
Housings	Valox
Mounting Flange	Zytel® 101 Nylon
Arm Spring	Stainless Steel (17-7 type)
Cover Arm	Reinforced Thermoplastic Polyester
Cover	Reinforced Thermoplastic Polyester
Cover Screw	Nickel-plated brass
Rotating Sealing Disc	Polycarbonate
Gaskets	Solid Neoprene
Mounting Screws	Stainless Steel (300 Series)
Terminal Screws	Stainless Steel (300 Series)
Phase, Ground Sleeves	Brass
Sleeve Spring	30/32A Stainless Steel (300 Series); others are Beryllium Copper multi-contact inserts with silver plating

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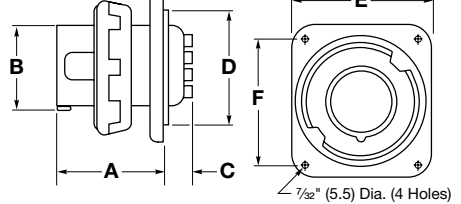*® Zytel is registered trademark of E.I. DuPont.*

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