









Straight Blade Devices







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Hubbell Insulgrip®



Straight Blade



Locking Devices

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Safety-Shroud® Locking Devices



Watertight Locking Devices



Pin & Sleeve

Applications



Industrial



Food Processing



Waste Management



Healthcare



Data Centers



Construction



We Never Stop Putting More Performance, Safety and Convenience into Every Product



Original Patented Hubbell Locking Device



Twist-Lock®



Safety-Shroud® Twist-Lock®

Innovation for Another Industry Standard

For more than 100 years, the Hubbell name has been synonymous with innovation. As a pioneer in the development of new technologies, Hubbell Wiring Device has always strived to improve performance, safety, and functionality across our entire product line. Many Hubbell innovations have become the industry standard for protecting people, increasing value and extending product life cycle for maximum sustainability. Insulgrip[®] is yet another example of a Hubbell innovation that has become the industry standard.

Insulgrip products are synonymous with Hubbell's ongoing commitment to discovering ways to make products safer and last longer. By encasing wiring devices in tough nylon housings, Insulgrip devices ensure high impact, heat, and chemical resistance while insulating current-carrying components from the user for maximum safety. Insulgrip's cord gripping design clamps conductors, not just the cable jacket, making it the industry's most powerful cord grip with superior strain relief. Each Insulgrip device is manufactured with roomy, separate wiring chambers to insulate conductors and an individually molded face to keep out dust and debris that can cause contamination over time.

Sustainability for a Wide Range of Applications

In keeping with the tradition of innovation, Hubbell expanded Insulgrip even further by integrating the technology into a wide range of plugs and connectors ranging from 15 to 200 Amperes. From commercial and heavy-duty straight blade devices to Twist-Lock[®], mechanical interlocks, and pin and sleeve devices, Insulgrip meets a wide range of applications. Hubbell's Safety-Shroud[®] Twist-Lock[®] devices further enhance protection and reliability with a recessed design that reduces the chance of inadvertent contact and prevents blades from bending or breaking. The Watertight Safety-Shroud Twist-Lock is ideal for even harsher environments where a watertight seal is critical.

Whether it's ensuring uptime of critical network equipment in the data center, safely moving mobile medical equipment in a hospital setting, connecting machinery in an industrial manufacturing plant, or ensuring safe, reliable power in a harsh food preparation environment, Hubbell Insulgrip wiring devices have you covered. And because they are constructed of only the highest quality materials with features like an exclusive double rivet design for female contacts, bronze terminal screws, and all brass sleeve contacts, Insulgrip devices last longer and better match a facilities' life cycle for optimized sustainability.

The difference is Insulgrip.



Watertight Safety-Shroud® Twist-Lock®



Pin & Sleeve



Mechanical Interlocks



Insulgrip[®] Wiring Devices Straight Blade 15 and 20 Amp

Plugs and Connectors



Hospital Grade



Powerful offsetting cord clamps

Fast-lead screws provide easy

 Durable, impact and chemical-resistant nylon construction ensures reliability

accommodates a wide range of cord

Visible catalog number while in use

Integral VARI-SIZE[®] insert

diameters (.23 to .72 in.)

offers easy identification

assembly

- prevent strain on terminations
- Available transparent polycarbonate • housing allows easy terminal inspection
- Pocketed recess prevents screwdriver slippage for better reliability

Flanged Inlets and Receptacles



15A

20A

125V

15A

250V

20A

250V

HUBBELL

125V

- Equipment mounting flanges fit flush on panel surfaces
- · Ideal for applications where a detachable cord is desired
- All nylon construction resists stress cracking and breakage



With abuse resistant and insulating nylon construction, Insulgrip plugs and connectors are built to last.



Insulgrip Hospital Grade plugs and connectors reliably deliver power to vital equipment.



Flanged inlets and receptacles come in multiple NEMA configurations for use in all equipment mounted applications.

Ordering Information







Poles/ Flanged Flanged NEMA Rating Angled Plug Connector Receptacles Wires Description Plua Inlet 2-Pole **HBL5266C** HBL5266CA HBL5269C Impact Resistant Nylon **HBL5279C HBL5278C** 5-15 3-Wire Hospital Grade, Black and White Nylon HBL8215C **HBL8219C** Hospital Grade, Transparent Housing HBL8215CT HBL8215CAT HBL8219CT 5-20 2-Pole Impact Resistant Nylon **HBL5366C** HBL5366CA **HBL5369C HBL5379C HBL5378C** 3-Wire Hospital Grade, Black and White Nylon HBL8315C HBL8319C Hospital Grade, Transparent Housing HBL8315CT HBL8315CAT **HBL8319CT** 2-Pole Black and White Nylon HBL5669C 6-15 HBL5666C HBL5666CA **HBL5679C HBL5678C** 3-Wire 6-20 2-Pole Black and White Nylon **HBL5466C** HBL5466CA HBL5469C **HBL5479C HBL5478C** 3-Wire





Insulgrip[®] Wiring Devices Straight Blade 30, 50 and 60 Amp

Plugs



- Ribbed tough nylon housing provides secure gripping and impact resistance
- Heavy duty cable grips accommodate a wide range of cable sizes and prevent conductor movement
- Neoprene dust shield keeps out dust and debris
- Reinforced thermoplastic polyester contact carrier provides heat and impact resistance

Angled Plugs



- Lower profile design allows equipment to be placed closer to the wall for space savings
- Plug face installs in four-position to match receptacle orientation
- Nylon housing and brass conductors offer reliability and durability

Receptacles



- Easy identification with visible moldedin catalog and NEMA numbers, ratings and certifications
- Plated steel mounting strap provides corrosion resistance
- Captive Allen head screws and box terminals provide high torque and clamping pressure for larger conductors



Insulgrip plugs and connectors are built to last and provide safety on the plant floor day after day.



Angled Heavy Duty plugs are ideal for kitchen environments that require impact resistance and space savings.



High-amp receptacles can be integrated into raceway and other devices for data center and laboratories.

Ordering Inform	ation	FULS Fed.Spec.			2	
NEMA Rating			Poles and Wires	Plug	Angled Plug	Receptacle
30A 125V		5-30	2-Pole 3-Wire	-	HBL9309	HBL9308
30A 250V	G	6-30	2-Pole 3-Wire	-	HBL9331	HBL9330
30A 125/50V		14-30	3-Pole 4-Wire	HBL9431C	HBL9432C	HBL9430A
30A 3Ø 250V	T T T	15-30	3-Pole 4-Wire	HBL8431C	HBL8432C	HBL8430A
50A 125V	W G	5-50	2-Pole 3-Wire	-	HBL9361	HBL9360
50A 250V		6-50	2-Pole 3-Wire	-	HBL9368	HBL9367
50A 125/250V		14-50	3-Pole 4-Wire	HBL9451C	HBL9452C	HBL9450A
60A 125/250V	X Y W	14-60	3-Pole 4-Wire	HBL9461C	HBL9462C	HBL9460A
60A 3Ø 250V	T G C C C C C C C C C C C C C C C C C C	15-60	3-Pole 4-Wire	HBL8461C	HBL8462C	HBL8460A





Insulgrip[®] Wiring Devices **Twist-Lock[®]** 15, 20 and 30 Amp

Plugs and Connectors



- Ribbed nylon housing provides a secure grip and impact and chemical resistance
- Superior cord grip design protects terminations from excess strain
- Ensures high performance, reliable terminations for maintaining trouble free connections

Receptacles



- High-impact nylon face with voltage color-coding resists abuse and facilitates easy identification
- All-brass mounting and grounding system prevents corrosion and offers low resistance ground path
- Over-sized terminals provide strength and resistance against stripping

Flanged Inlets and Receptacles



- Provides versatile mounting for a wide range of applications
- Easy to wire and available in multiple NEMA configurations



Ideal for delivering power to all types of industrial machinery and equipment in the factory environment.



Provides secure power continuity to critical data center networking equipment, servers and distribution panels.



Reliably connects lighting and control equipment on stage, in production studios, and at theme parks.

Ordering Inform	FUS Station Fed.Spec.	0	-		6		
NEMA Rating Colo	or Coded by Voltage	Poles and Wires	Plug	Connector	Receptacle	Flanged Inlets	Flanged Receptacle
15A 125V	L5-15	2-Pole 3-Wire	HBL4720C	HBL4729C	HBL4710	HBL4716C	HBL4715C
20A 125V	L5-20	2-Pole 3-Wire	HBL2311	HBL2313	HBL2310	HBL2315	HBL2316
20A 250V	L6-20	2-Pole 3-Wire	HBL2321	HBL2323	HBL2320	HBL2325	HBL2326
20A 3Ø 250V	(x) L15-20	3-Pole 4-Wire	HBL2421	HBL2423	HBL2420	HBL2425	HBL2426
20A 3Ø 480V	(1) L16-20	3-Pole 4-Wire	HBL2431	HBL2433	HBL2430	HBL2435	HBL2436
30A 125V	L5-30	2-Pole 3-Wire	HBL2611	HBL2613	HBL2610	HBL2615	HBL2616
30A 250V	L6-30	2-Pole 3-Wire	HBL2621	HBL2623	HBL2620	HBL2625	HBL2626
30A 125/250V	L14-30	3-Pole 4-Wire	HBL2711	HBL2713	HBL2710	HBL2715	HBL2716
30A 3Ø 250V	(1) L15-30	3-Pole 4-Wire	HBL2721	HBL2723	HBL2720	HBL2725	HBL2726
30A 3Ø 480V	(1) L16-30	3-Pole 4-Wire	HBL2731	HBL2733	HBL2730	HBL2735	HBL2736

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Insulgrip® Wiring Devices Safety-Shroud® Twist-Lock® 20 and 30 Amp



Plugs



- Ensures safety by confining arcing when connecting or disconnecting under load
- Thermoplastic shroud is impact and heat resistant and protects blades against bending and breaking
- Neoprene dust shield keeps out dust and debris for long-term reliability

Receptacles



FULS

Ordering Information

SP

- Three styles for maximum versatility with visible keying for quick mating and blade alignment
- Semi-flush option provides the lowest installed profile
- Angled receptacle places equipment closer to the wall for maximum space savings when in use
- Straight receptacle for single-gang boxes provides a low profile when plug is not in use



Safety-Shroud[®] design virtually eliminates bent and broken plug blades on the job site.



Protects factory personnel from shock hazards for maximum safety.



Mates with standard NEMA connector bodies found in existing installations.







	NEMA Rating				_		Receptacle	
_	Color Coded by Volta	ige	Poles and Wires	Safety-Shroud Plug	Connector	Angled	Surface Mount	Semi-Flush
	20A 125V	L5-20	2-Pole 3-Wire	HBL2311S	HBL2313	HBL2310AR	HBL2310SR	HBL2310SR2
	20A 250V	L6-20	2-Pole 3-Wire	HBL2321S	HBL2323	HBL2320AR	HBL2320SR	HBL2320SR2
	20A 3Ø 250V	(L15-20	3-Pole 4-Wire	HBL2421S	HBL2423	HBL2420AR	HBL2420SR	HBL2420SR2
	20A 3Ø 480V	L16-20	3-Pole 4-Wire	HBL2431S	HBL2433	HBL2430AR	HBL2430SR	HBL2430SR2
	30A 125V	L5-30	2-Pole 3-Wire	HBL2611S	HBL2613	HBL2610AR	HBL2610SR	HBL2610SR2
	30A 250V	L6-30	2-Pole 3-Wire	HBL2621S	HBL2623	HBL2620AR	HBL2620SR	HBL2620SR2
	30A 125/250V	(w ℓ_) L14-30	3-Pole 4-Wire	HBL2711S	HBL2713	HBL2710AR	HBL2710SR	HBL2710SR2
	30A 3Ø 250V	(1) L15-30	3-Pole 4-Wire	HBL2721S	HBL2723	HBL2720AR	HBL2720SR	HBL2720SR2
	30A 3Ø 480V	(1) L16-30	3-Pole 4-Wire	HBL2731S	HBL2733	HBL2730AR	HBL2730SR	HBL2730SR2



Insulgrip[®] Wiring Devices Watertight Safety-Shroud[®] Twist-Lock[®] 20 and 30 Amp

Maintains UL Type 4X watertight seal when in use and when disconnected
Recessed blades provide protection against bending and breaking

Neoprene sealing gland and thermoplastic guard assure sealing

Catalog number and color-coded voltage are visible when in use for quick, easy identification

when fully connected



Plugs and Connectors



Receptacles



- One-step self latching spring-loaded cover ensures UL 4X watertight seal while not in use
- Available mechanical interlock
 maximizes user safety

Flanged Inlets



- High-impact thermoplastic housing for heavy-duty industrial environments
- Neoprene closure cap provides environmental seal when not in use for long-term reliability
- Accepts standard NEMA locking connector bodies for maximum flexibility



Watertight seals protect connections from washdown in food processing.



Chemical resistant thermoplastic construction withstands harsh environments found in wastewater treatment plants.



Maximum reliability and durability keeps mission-critical support systems up and running in military applications.

Ordering Informa	ation Fed.	Spec.				S	A CONTRACT
NEMA Rating Color	Coded by V	oltage	Poles and Wires	Plug	Connector	Flanged Inlet	Receptacle
20A 125V	(V) JG	L5-20	2-Pole 3-Wire	HBL2311SW	HBL2313SW	HBL2315SW	HBL2310SW
20A 250V		L6-20	2-Pole 3-Wire	HBL2321SW	HBL2323SW	HBL2325SW	HBL2320SW
20A 3Ø 250V		L15-20	3-Pole 4-Wire	HBL2421SW	HBL2423SW	HBL2425SW	HBL2420SW
20A 3Ø 480V		L16-20	3-Pole 4-Wire	HBL2431SW	HBL2433SW	HBL2435SW	HBL2430SW
30A 125V	W 1ª	L5-30	2-Pole 3-Wire	HBL2611SW	HBL2613SW	HBL2615SW	HBL2610SW
30A 250V		L6-30	2-Pole 3-Wire	HBL2621SW	HBL2623SW	HBL2625SW	HBL2620SW
30A 125/250V		L14-30	3-Pole 4-Wire	HBL2711SW	HBL2713SW	HBL2715SW	HBL2710SW
30A 3Ø 250V		L15-30	3-Pole 4-Wire	HBL2721SW	HBL2723SW	HBL2725SW	HBL2720SW
30A 3Ø 480V		L16-30	3-Pole 4-Wire	HBL2731SW	HBL2733SW	HBL2735SW	HBL2730SW



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Insulgrip[®] Wiring Devices 50 Amp Twist-Lock®

Plugs and Connectors



- Super-tough nylon housing provides maximum impact resistance for longterm durability
- Stainless steel shroud protects blades against bending and breaking and restricts mismating
- Interlocking clamp style provides a more consistent, durable grip and better strain relief

Virtually indestructible, Twist-Lock devices to stand up to the most demanding environments and construction site abuse.



Rugged construction provides maximum safety and reliability for disconnect of large factory equipment.



Meets escalating power requirements in the data center while ensuring critical power continuity.

Ordering Inform	nation) (}		<u>51) ;</u>	05	3
Rating		Description	Plug	Connector	Flanged Inlet	Receptacle
50A 125V		2-Pole 3-Wire Grounding	CS6361C	CS6360C	CS6377*	CS6370
50A 250V		2-Pole 3-Wire Grounding	CS8265C	CS8264C	CS8275	CS8269
50A 480V		2-Pole 3-Wire Grounding	CS8465C	CS8464C	CS8475*	CS8469*
50A 125/250V		3-Pole 4-Wire Grounding	CS6365C	CS6364C	CS6375	CS6369
50A 3Ø 250V		3-Pole 4-Wire Grounding	CS8365C	CS8364C	CS8375	CS8369
50A 3Ø 480V		3-Pole 4-Wire Grounding	CS8165C	CS8164C	CS8175	CS8169
50A 600V AC 250V DC		2-Pole 3-Wire Grounding	HBL3763C	HBL3762C	HBL3777	HBL3771
50A 600V AC 250V DC	X Lx	3-Pole 4-Wire Grounding	HBL3765C	HBL3764C	HBL3775	HBL3769

Note: *Not CSA Certified





Receptacles

Thermoset construction is heat and corrosion resistant for harsh environments

• Stainless steel shroud provides maximum impact resistance and durability

Flanged Inlets



- · Zinc plated steel casing is built for maximum durability in heavy-duty applications
- Thermoset high heat resistant interior construction is ideal for high-temperature environments
- Available lift-cover option provides maximum protection in dirty environments

www.hubbell-wiring.com



Insulgrip[®] Wiring Devices 30, 60, 100 and 200 Amp Pin and Sleeve Devices

Plugs and Connectors







- UL listed for maximum safety and flexible interchangeability with all standard UL1686 C1 manufactured devices
- Maintains UL Type 4X seal with gasketed covers and neoprene sealing glands for maximum reliability
- Thermoplastic housing provides insulation and impact, corrosion and UV resistance for the roughest environments
- Larger terminal holes and antivibration box terminals ensures easy, secure and reliable connections
- Powerful mechanical cord grip prevents slippage and strain on terminations
- Spring loaded gasketed cover for maintaining maximum reliability and protection when not in use
- Hands-free lid-stay allows cover to stay open for easier mating, troubleshooting or maintenance
- Heavy duty cast aluminum, epoxy coated body and cover



Designed to provide metallic shrouding where you want it and a non-metallic housing where you need it.

Ordering Information

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Style I- Grounding is achieved through the metallic shroud of the device

Style II- Grounding is achieved by dedicated ground pin and sleeve contacts and through the metallic shroud of the device

	250 AC/DC Voltage						
Amps	Poles/Wires	Receptacle	Plug	Connector	Receptacle	Plug	Connector
30A	2P 3W	HBL330RS1W	HBL330PS1W	HBL330CS1W	HBL330RS2W	HBL330PS2W	HBL330CS2W
	3P 4W	HBL430RS1W	HBL430PS1W	HBL430CS1W	HBL430RS2W	HBL430PS2W	HBL430CS2W
	4P 5W	HBL530RS1W	HBL530PS1W	HBL530CS1W	_	-	-
60A	2P 3W	HBL360RS1W	HBL360PS1W	HBL360CS1W	HBL360RS2W	HBL360PS2W	HBL360CS2W
	3P 4W	HBL460RS1W	HBL460PS1W	HBL460CS1W	HBL460RS2W	HBL460PS2W	HBL460CS2W
	4P 5W	HBL560RS1W	HBL560PS1W	HBL560CS1W	_	-	-
100A	2P 3W	HBL3100RS1W	HBL3100PS1W	HBL3100CS1W	HBL3100RS2W	HBL3100PS2W	HBL3100CS2W
	3P 4W	HBL4100RS1W	HBL4100PS1W	HBL4100CS1W	HBL4100RS2W	HBL4100PS2W	HBL4100CS2W
	4P 5W	HBL5100RS1W	HBL5100PS1W	HBL5100CS1W	-	-	-
200A	2P 3W	-	-	-	HBL3200RS2W	HBL3200PS2W	HBL3200CS2W
	3P 4W	HBL4200RS1W	HBL4200PS1W	HBL4200CS1W	HBL4200RS2W	HBL4200PS2W	HBL4200CS2W
	4P 5W	HBL5200RS1W	HBL5200PS1W	HBL5200CS1W	-	-	`_





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Insulgrip[®] Wiring Devices 30 and 60A Mechanical Interlocks

Mechanical Interlocks



- Non-metallic Valox[®] housing meets UL50 Type 4X, 12K, and IP66 for harsh environments
- UL listed for maximum safety and flexible interchangeability with all UL1686 C1 manufactured devices
- Patented PLUG-CHECK[™] eliminates mating or breaking the circuit under load for maximum safety
- Highly-visible red handle provides an integrated method of complying with OSHA lockout requirements
- Meets NEC requirements for line-ofsight motor disconnects in industrial environments
- Integral lockout/tagout complies with OSHA regulation 29 CFR 1910.147



Provides a safe method of connecting and disconnecting power for industrial machinery.



Non-metallic enclosures, stainless steel fasteners, and thermoset contact carriers stand up to the most severe elements.



Suitable as an NEC motor disconnect and easily locked and tagged out to meet OSHA requirements.



Note: 30A - 1.0" N.P.T. hub supplied; 60A - 11/4" N.P.T. hub supplied.

Auxiliary Contacts

Description	Catalog Number
Auxiliary contact, normally open, A600 pilot duty.	ACFSNO
Auxiliary contact, normally closed, A600 pilot duty.	ACFSNC

Watertight Closure Plug Kits

Description	Catalog Number
For 30A Circuit-Lock unfused and fused Pin and Sleeve mechanical interlock.	MICPK30
For 60A Circuit-Lock unfused and fused Pin and Sleeve mechanical interlock.	MICPK60



Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

HUBBELL



Insulgrip[®] Wiring Devices **13 AMP TO ZUU AMP** HUBBELL INSULGRIP® - THE INDUSTRY STANDARD





Hubbell Slide Chart

Online Virtual Catalog

Find what you need quickly on the Hubbell Wiring Device-Kellems website, www.hubbell-wiring.com. The online virtual catalog allows you to print, search and download PDFs anytime, anywhere.

Online Technical Support

Search our knowledgebase for the answer to your technical question regarding Hubbell products, or submit a new guestion to Technical Support. Browse the customer drawing library by part number or product family. Drawings are available in PDF and DWG format.

Literature Support

Hubbell offers an extensive literature library for product support. Downloadable PDFs are available online.





Mechanical Interlocks



Hubbell Configuration Chart



50 Amp Twist-Lock® Devices



Mechanical Interlocks

Full Line Catalog



Wiring Device-Kellems

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