

ENTERTAINMENT

Product Solution Guide



At Hubbell, we're never satisfied— but our customers always are.

Hubbell Wiring Device-Kellems products have long set the standard for innovation, performance, durability, convenience and safety. There's an underlying secret to our continuing success. It's our philosophy of never leaving well enough alone.

We believe we can always make our products better—and the record shows we have.

The dynamic environments faced by the entertainment industry are unpredictable, and therefore place high demands on all of your equipment. Hubbell devices have the proven reliability to deliver secure connections that let you turn your attention to the critical details for a flawless show, no matter what the venue.



We offer products tailored to the entertainment industry's requirements for durability, aesthetics and safety. All black plugs and connectors seamlessly blend into the background. Series 15, 16 and 18 single pole devices with a double cam stand up to repeated mating. Angled plugs from 15 to 60 amps fit into the tight spaces where cable management is a more critical issue. All of these products are designed with the overall quality that can take on the harsh, everyday abuse unique to producing a show.

Safety is always a top priority. All Hubbell products are designed and manufactured with this in mind, and exceed UL standards so the show can go on.

Since our company was founded more than 125 years ago, Hubbell Wiring Device-Kellems has been the standard in the entertainment industry. We pride ourselves with the quality and detail built into every product we make.





Flexible | Safe | Rugged | Reliable

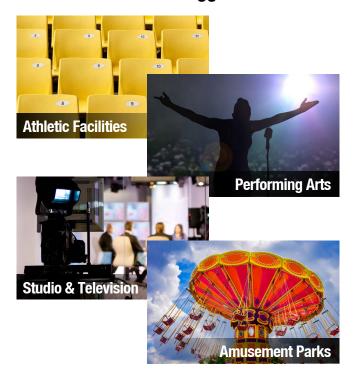


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Stage Pin Devices



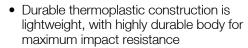


Hubbell Stage Pin devices were designed in collaboration with industry experts, resulting in the most user friendly, highest performing devices in the industry.

Stage Pin devices exemplify Hubbell's commitment to always improve our products.



Heat Resistant, Impact Resistant and Easy to Wire



 Highly secure terminations, the stainless steel double set screws with fine pitch threads maximize termination strength for cooler running connections

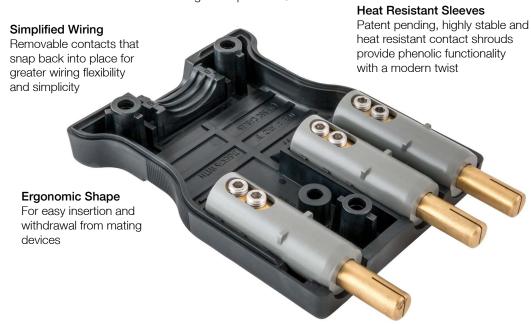






Adjustable Strain Relief

Accommodates the widest range of cables all in one device while exceeding UL requirements





Ring Terminal and Double Set Screw termination options are available for 60A and 100A panel mounts

High Performance Brass Contacts

Provide improved performance and extended life by reducing operating temperatures











Description	Voltage	Termination	Color	Catalog Number
Male Inline Male Inline Bulk Pack Male Inline	125V	Double Set Screw	Black Black Clear	HBL20SPM HBL20SPMOEM HBL20SPMC
Female Inline Female Inline Bulk Pack Female Inline	125V	Double Set Screw	Black Black Clear	HBL20SPF HBL20SPFOEM HBL20SPFC
Male Panel Mount (Inlet) Female Panel Mount	125V	Double Set Screw	Black	HBL20SPMR HBL20SPFR





Description	Voltage	Termination	Color	Catalog Number
Male Inline Female Inline	125V	Double Set Screw	Black	HBL60SPM HBL60SPF
Male Panel Mount	125V	Double Set Screw Ring Terminal	Black	HBL60SPMR HBL60SPMRRT
Female Panel Mount	125V	Double Set Screw Ring Terminal	Black	HBL60SPFR HBL60SPFRRT



Double Set Screw Ring Terminal Black HBL60SPFR HBL60SPFRT

100 Amp Stage Pin Devices

Stage Pin Devices

60 Amp

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Description	Voltage	Termination	Color	Catalog Number
Male Inline Female Inline	125V	Double Set Screw	Black	HBL100SPM HBL100SPF
Male Panel Mount	125V	Double Set Screw Ring Terminal	Black	HBL100SPMR HBL100SPMRRT
Female Panel Mount	125V	Double Set Screw Ring Terminal	Black	HBL100SPFR HBL100SPFRRT
Male Inline Female Inline	250V	Double Set Screw	Yellow	HBL106SPM HBL106SPF
Male Panel Mount 250V		Double Set Screw Ring Terminal	Yellow	HBL106SPMR HBL106SPMRRT
Female Panel Mount	250V	Double Set Screw Ring Terminal	Yellow	HBL106SPFR HBL106SPFRRT

Hubbell stage pin devices feature a removable sleeve that is highly heat stable and heat resistant. It does not allow the heat generated at the connection to negatively impact the device. Like phenolic devices of the past, this modern innovation will provide for a cool running device that is simple and convenient to wire.

The super tough engineered thermoplastic housing makes the device:

- Lightweight
- Impact resistant
- Easy to handle

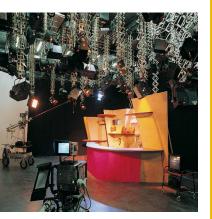
Our design delivers 'The Best of Both Worlds!'

Single Cable Sets and	d Breakouts	in One	Device

Device	Cable Comb	oination	Device	Cable Combin	ation
60A / 125V	(3) #6 SC (6) #6 SC (2) #4 SC #8/3 #6/3 #4/3	(1) #6 SC TYPE W SOOW TYPE W	100A / 125V 100A / 250V	(2) #4 SC (4) #4 SC (2) #2 SC #6/3 AWG #4/3 AWG	(1) #6 SC (2) #6 SC (1) #6 SC TYPE W TYPE W



Straight Blade Devices





Safety and Durability

Hubbell straight blade devices maintain reliable power connections to prevent performance interruptions. They are the industry standard for all types of entertainment applications, from cord sets to cases to panel mounting.



Straight Blade Devices

- Durable, impact and chemical-resistant nylon construction ensures reliability
- Integral VARI-SIZE® insert accommodates a wide range of cord diameters (.23 to .72 in.)
- Visible catalog number while in use offers easy identification
- All black EBK versions have a large cord clamp to close flush on 10/3 cords (.36 to .72 in)
- Ultra-bright LEDs let the user know that power is present and flowing to the device



Flanged Inlets and Receptacles

- Equipment mounting flanges fit flush on panel surfaces
- All nylon construction resists stress cracking and breakage
- Fits with weatherproof covers





All Black Straight Blade Devices

		NEMA	Poles/	AC HP	Heavy Duty Plug			Connector Body		
Amps	Volts	Code#	Wires	Rating	All Black	EBK	EBK 100pc. Bulk	All Black	EBK	EBK 100pc. Bulk
15	125V	5-15	2P/	0.5	HBL5266CM2	HBL5266EBK	HBL5266EBKM1	HBL5269CM2	HBL5269EBK	HBL5269EBKM1
20	125V	5-20	3W	1	HBL5366CM2	HBL5366EBK	HBL5366EBKM1	HBL5369CM2	HBL5369EBK	HBL5369EBKM1











Straight Blade Devices

A	\/- I+-	NEMA	Poles/	AC HP		Outy Plug	Connect	tor Body	8-Position	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Flanged
Amps	VOITS	Code#	# Wires		Black/White	Clear/ Illuminated	Black/White	Clear/ Illuminated			Receptacle
15	125V	5-15	2P/	0.5	HBL5266C	515LP	HBL5269C	515LC	HBL5266CA	HBL5278C	HBL5279C
20	125V	5-20	3W	1	HBL5366C	520LP	HBL5369C	520LC	HBL5366CA	HBL5378C	HBL5379C



Straight Blade Colored Cord Clamps*

Description	Color	Catalog Number
For use with 15A and 20A, 2 pole/3 wire, insulgrip plugs and connectors with cord diameter range of .230"720" (5.8-18.3) only.	Blue Green Orange Purple Red	HBLCORDCLAMPBL HBLCORDCLAMPGN HBLCORDCLAMPOR HBLCORDCLAMPP HBLCORDCLAMPR
	Yellow	HBLCORDCLAMPY

Note: *Clamp only. Contains no screws. Order in increments of 10. Not UL Listed or CSA Certified.



Insul-Lock™ Connectors and Panel Mounts



Miniature Power Connections for Entertainment Applications

وال الكلاي

Insul-Lock™ Plus Connectors

- 20A, 250V AC rated
- Rated for disconnect under load
- IP65 rated
- UL 50E Type 4 rated when used with weatherproof covers
- Connectors accept up to 12/3 AWG SO cable which meets NEC 520.68 requirements for extra-hard usage cords or cables
- Panel mount devices accept commonly available .25" spade style connectors
- Industry standard mating, interchangeable with installed base

Insul-Lock™ Plus Connectors

Description	Male Connector Power In	Female Connector Power Out
Locking cable connector, screw terminals	HBLMC	HBLFC

Insul-Lock™ Plus Panel Mounts

Description	Inlet	Outlet	
1/4" tab terminations with divider	HBLMPD	HBLFPD	
1/4" tab terminations, without divider	HBLMP	HBLFP	
Inlet-outlet combination, 1/4" tab	HBLMFPD		

Insul-Lock™ Plus Accessories

Description	Inlet	Outlet		
Spring loaded weatherproof cover Dust protection cap	HBLMPC HBLMPDC	HBLFPC HBLFPDC		
Spring loaded weatherproof cover, inlet-outlet combination	HBLMFPC			
Dust protection cap, inlet-outlet combination	HBLMFPDC			







Insul-Lock™ Connectors

- 25A, 250V rated
- Connectors accept up to 12/3 AWG SO cable Meets NEC 520.68 requirements for extra-hard usage cords or cables.
- Color coded blue for power in and gray for power out
- Panel mount devices accept commonly available .25" spade style connectors. Simplifies installation for domestic OEM's
- Industry standard mating Interchangeable with installed base
- Impact-resistant thermoplastic construction. Suitable for use in UL1640 applications

Inline Connectors

Amps	Power In (Blue)	Power Out (Gray)	
25 Amp	HBLCPIBL	HBLCPOGY	
25 Amp Panel Mounts			
Style	Power In (Blue)	Power Out (Gray)	

HBLPMIBL

HBLPMIDBL

HBLPMOGY

HBLPMODGY

Standard Divided

Accessories	
Description	Catalog Number
Panel mount retainer plate	HBLPMRP
Panel mount M3x 5 screw 8mm long	HRI PMSC











Ideal for use with LED lighting and other applications including multiple screen video walls. The rear of the connector is black to blend in when used in visible areas.



Twist-Lock® Devices



The Hubbell Twist-Lock® Tester is an exclusive patented design that easily tests the circuit condition without the need for traditional measurement techniques. Knowing that power is present at any receptacle or connector is critical. An LED output will immediately provide the status of the circuit.



Only Hubbell Makes Twist-Lock® Devices

- Superior cord grip design protects terminations from excess strain
- High performance, reliable terminations for maintaining trouble free connections
- High-impact nylon construction with voltage color-coding resists abuse and facilitates easy identification
- All black EBK versions have a large cord clamp to close flush on 10/3 cords

Twist-Lock® Edge Devices

- Faster termination time (up to 80% faster)
- No need for screwdriver and torque wrench
- No strand relaxation
- No exposed metal
- No need to re-torque over time

Twist-Lock® Circuit Testers

- · Developed specifically for entertainment techs, quickly diagnose a miswired situation or application
- Great for dark, difficult to reach spaces
- No measurement readings to interpret







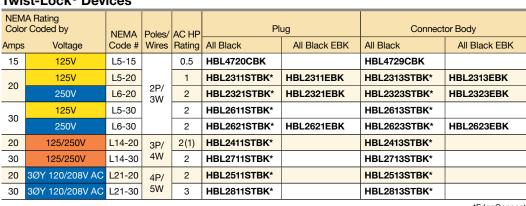


Twist-Lock® Circuit Testers

Description	Rating	20 Amp	30 Amp
3-Phase	3Ø 120/208V AC	NEMA L21-20P	NEMA L21-30P
Circuit Tester	Min. Voltage: 90V AC	HBL3PT2511	HBL3PT2811
Circuit		NEMA L5-20P	NEMA L5-30P
Tester	125V	HBLT2311	HBLT2611 HBLT26CM11 (Marine)
	250V	NEMA L6-20P	NEMA L6-30P
	2500	HBLT2321	HBLT2621
	277V	NEMA L7-20P	
	2110	HBLT2331	
	125/250V	NEMA L14-20P	NEMA L14-30P
	123/2300	HBLT2411	HBLT2711
	347V	NEMA L24-20P	
	341 V	HBLT3721	

Note: Testers in other NEMA configurations can be developed upon

All Black and EBK Twist-Lock® Devices



*EdaeConnect



Twist-Lock® Colored Cord Clamps*

Description	Color	For 3 Wire Devices	For 4 & 5 Wire Devices
For use with 20A and	Black	HBLTL2CCBK	HBLTL3CCBK
30A Insulgrip®	Blue	HBLTL2CCBL	HBLTL3CCBL
Twist-Lock® Plugs	Brown	HBLTL2CCBR	HBLTL3CCBR
and Connectors.	Green	HBLTL2CCGR	HBLTL3CCGR
Cord diameter:	Orange	HBLTL2CCOR	HBLTL3CCOR
3 wire . 350"930"	Teal	HBLTL2CCTL	HBLTL3CCTL
(9-24), 4 & 5 wire .	Dark Blue	HBLTL2CCDB	HBLTL3CCDB
350" - 1.150" (9-29)	White	HBLTL2CCWH	HBLTL3CCWH
	Yellow	HBLTL2CCYL	HBLTL3CCYL
	Red	HBLTL2CCRD	HBLTL3CCRD

Note: *Clamp only. Contains no screws. Order in increments of 10. Not UL Listed or CSA Certified.













Only Hubbell Makes Twist-Lock® Devices











Twist-Lock® Devices

	A Rating Coded by	NEMA	Poles/	AC HP	Plug	Connector Body		Flanged	Flanged
Amps	Voltage	Code #		Rating	Black/White	Black/White	Receptacle	Receptacle	Inlet
15	125V	L5-15		0.5	HBL4720C	HBL4729C	HBL4710ST*	HBL4715C	HBL4716C
	250V	L6-15		1.5	HBL4570C	HBL4579C	HBL4560ST*	HBL4585C	HBL4586C
	125V	L5-20		1	HBL2311ST*	HBL2313ST*	HBL2310 HBL2310ST*	HBL2316ST*	HBL2315ST*
20	250V	L6-20	2P/	2	HBL2321ST*	HBL2323ST*	HBL2320 HBL2320ST*	HBL2326ST*	HBL2325ST*
	480V AC	L8-20	3W	3	HBL2341	HBL2343ST*	HBL2340	HBL2346ST*	HBL2345ST*
	125V	L5-30		2	HBL2611ST*	HBL2613ST*	HBL2610 HBL2610ST*	HBL2616ST*	HBL2615ST*
30	250V	L6-30		2	HBL2621ST*	HBL2623ST*	HBL2620 HBL2620ST*	HBL2626ST*	HBL2625ST*
	480V AC	L8-30		5	HBL2641ST*	HBL2643ST*	HBL2640	HBL2646ST*	HBL2645
	125/250V	L14-20		2 (1)	HBL2411 HBL2411ST*	HBL2413ST*	HBL2410 HBL2410ST*	HBL2416ST*	HBL2415 HBL2415ST*
20	3Ø 250V AC	L15-20		3	HBL2421 HBL2421ST*	HBL2423ST*	HBL2420 HBL2420ST*	HBL2426ST*	HBL2425 HBL2425ST*
	3Ø 480V AC	L16-20	3P/	5	HBL2431 HBL2431ST*	HBL2433ST*	HBL2430 HBL2430ST*	HBL2436ST*	HBL2435 HBL2435ST*
	125/250V	L14-30	4W	2	HBL2711 HBL2711ST*	HBL2713ST*	HBL2710 HBL2710ST*	HBL2716ST*	HBL2715 HBL2715ST*
30	3Ø 250V AC	L15-30		3	HBL2721 HBL2721ST*	HBL2723ST*	HBL2720 HBL2720ST*	HBL2726ST*	HBL2725 HBL2725ST*
	3Ø 480V AC	L16-30		10	HBL2731 HBL2731ST*	HBL2733ST*	HBL2730 HBL2730ST*	HBL2736ST*	HBL2735 HBL2735ST*
20	3ØY 120/208V AC	L21-20		2	HBL2511 HBL2511ST*	HBL2513ST*	HBL2510 HBL2510ST*	HBL2516ST*	HBL2515 HBL2515ST*
20	3ØY 277/480V AC	L22-20	4P/	5	HBL2521 HBL2521ST*	HBL2523ST*	HBL2520 HBL2520ST*	HBL2526ST*	HBL2525 HBL2525ST*
30	3ØY 120/208V AC	L21-30	5W	3	HBL2811 HBL2811ST*	HBL2813ST*	HBL2810 HBL2810ST*	HBL2816ST*	HBL2815 HBL2815ST*
30	3ØY 277/480V AC	L22-30		10	HBL2821 HBL2821ST*	HBL2823ST*	HBL2820 HBL2820ST*	HBL2826ST*	HBL2825 HBL2825ST*
Non	-NFMA Devic				<u> </u>	l			*EdgeConne

Non-NEMA Devices

20	20A 250V 10A 600V AC	4P/ 5W	HBL3521C	HBL3523C	HBL3520	HBL3525C	HBL3524C
F0 /	\ D						

50 Amp Devices

50	125/250V AC	3P/ 4W		CS6365C	CS6364C	CS6369		CS6375
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Twist-Lock® Bulk packs

Description	Catalog number
CAT# CS6364C, BULK 10	CS6364CM2
CAT #CS6365C, BULK 10	CS6365CM2
CAT#HBL2311, ALL BLACK, BULK 30	HBL2311M15
CAT#HBL2311, BULK 50	HBL2311M20 HBL2311STM1*
CAT#HBL2313, BULK 50	HBL2313M20
CAT#HBL2313, ALL BLACK, BULK 30	HBL2313M7
CAT#HBL2321, BULK 50	HBL2321M20 HBL2321STM1*
CAT#HBL2323, BULK 50	HBL2323M20
CAT #HBL2321M11, GRAY BODY AND BLACK CORD GRIPS AND FACE, BULK 50	HBL2321M11 HBL2321STM1*
CAT #HBL2323M11, GRAY BODY AND BLACK CORD GRIPS AND FACE, BULK 50	HBL2323M11

*EdgeConnect





Designed for the Entertainment Industry, Hubbell's all black Insulgrip wiring devices offer the same reliability as the black and white versions, meeting requirements for durability, aesthetics and safety. All black plugs and connectors blend into the background, keeping the focus on the entertainment, and not the wiring.







OEMs

Save money with 80% reduction in installation time, while providing consistently reliable connections.

Electricians

Terminate in just 11 seconds, no torque screwdriver required, with no exposed live metal.

Electrical contractors

Ensure quick yet reliable installations, even in harsh environments.



Super fast connections for greater efficiency

For decades, installers have had to spend considerable time wiring each screw and torquing it down with a screwdriver or torque wrench, with the responsibility of measuring and ensuring the integrity of each connection. Even experienced installers needed well over a minute to terminate one device.

With the Twist-Lock Edge Screwless Termination system, simply insert the wire and press the plunger down. No tools are required. That connection is fool-proof and long lasting, with no special experience or skills needed to all but guarantee a high quality result. Any qualified installer regardless of level of training can guarantee a high quality result. Elapsed time? About 11 seconds!

Labor savings, easy as:









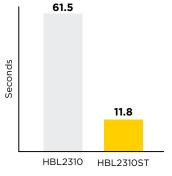
Simply move the plunger upwards to unwire



With this new termination method, NEC* code 110.14(D) "Terminal connection torque" requiring the use of a torque driver to secure the terminations is no longer applicable.

Time study analysis

	Screw Terminated Device	Screwless Terminated Device
Example catalog number	HBL2310	HBL2310ST
	Seconds	Seconds
Time per pc	61.5	11.8



Seconds saved with
Screwless Termination, per piece
49.7

Improve labor time on a repetitive, time consuming task by 80%!

For every application

Applications subject to vibration or thermal cycling benefit from increased performance and productivity savings with Hubbell's Edge technology. Perfect for use in power distribution systems, for powering motor drives, or simply installing equipment on the production floor.

Certifications



LISTED TO UL 498



VERIFIED TO FEDERAL SPECIFICATION W-C-596H



CERTIFIED TO CSA C22.2 NO.42

(Plugs and flanged inlets only)

^{*}National Electrical Code* and NEC* are registered trademarks of the National Fire Protection Association, Quincy, MA.



The highest reliability—even under constant vibration!

The terminations are tight from day one and stay tight, gripping hard to keep the power flowing even through high vibration environments that can steadily work wires loose and cause unscheduled downtime.

Wires secured with Hubbell Twist-Lock Edge screwless termination devices not only stay tight, they actually dig in and get tighter in the face of the relentless vibration from industrial equipment which constantly threatens the integrity of traditional connections.

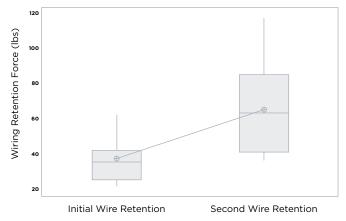
Throughout industry, vibration is generally expected to degrade, not improve, a product's performance in every instance. Not with Hubbell Twist-Lock Edge devices—tough environments just make them perform even better and even more reliably for our users.

Similar performance is also demonstrated in the face of related industrial threats such as temperature cycling and strand relaxation. No matter what the environment, with Twist-Lock Edge devices you won't have to go back and retighten—just install once and you're all set.

Vibration performance

25%-60% higher retention

Effect of Vibration on Wire Retention Force of Hubbell Edge Receptacles



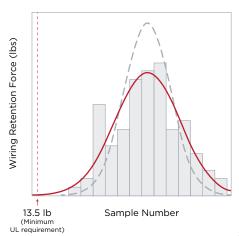
Upon installation, a 10 AWG THHN stranded wire required 40 lbs of force to disengage.

After exposure to vibration per the UL standard, 65 lbs of force were required to disengage the wire.

Wire retention

13.5 lb UL minimum requirement

Hubbell Edge 3 Wire Receptacle 12 AWG Stranded



When compared to the minimum UL requirement for wire retention, Twist-Lock Edge screwless termination offers superior strength.

Three-axis vibration sequence test performed in accordance with "UL 498, Standard for Safety—Attachment Plugs and Receptacles"





Plugs and flanged inlets

4 and 5 wire plugs and flanged inlets will bring enormous benefits to more users than ever before—such as OEMs and machine manufacturers, maintenance and repair operations, builders and other professionals who must efficiently and cost-effectively install up to thousands of plugs every day.



Single Pole





Single pole devices are the right choice for supplying temporary electrical power distribution for entertainment, theme parks, carnival equipment, concerts, movie making and numerous other applications requiring temporary power.

Single pole devices have been designed with ease of assembly and disassembly in mind; no special tools are reauired.



Single Pole Devices - Series 15

150 Amp, 600V AC

- Enclosure Types 3R, 4X, 12
- Combo head, non-metallic safety retaining screw
- Insulgrip body design
- Accepts 8 AWG 2 AWG wire
- Colors available: black, blue, brown, green, gray, orange, red, white and yellow
- UL and cULus Listed



150 Amp, **Inlines**

Description Male Female Thermoplastic elastomer, HBL15Mxx HBL15Fxx cable size #8 - #2 AWG



rees		
Description	Tapping Tee	Paralleling Tee
Fits 150 amp inlines	HBL15Txx	HBL15PTxx
and receptacles		

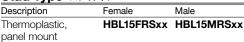
Gender Reversing **Devices** Description Double Male Double Female Fits 150 amp inlines HBL15DMxx HBL15DFxx and receptacles

Protective Caps Fits Male Fits Female

Description Devices Devices Fits 150 amp inlines HBL15MCAPxx HBL15FCAPxx and receptacles Fits 300/400 amp HBLMCAPxx HBLFCAPxx inlines and receptacles

xx=color: BK (Black), W (White), GN (Green), R (Red), BL (Blue), BN (Brown), O (Orange), Y (Yellow), GY (Gray).

150 Amp, Receptacles, Stud Type 11/16" x 3/41



150 Amp, Receptacles, **Double Set Screw**





Description	Catalog Number
Use with 150 amp stud type or double set screw receptacles	HBL15NCxx
Use with 300/400 amp stud type or double set screw receptacles	HBLNCxx HBLNCAxx

xx=color: BK (Black), W (White), GN (Green), R (Red), BL (Blue), BN (Brown), O (Orange), Y (Yellow), GY (Gray) and C (Clear).

Gender Reversing **Devices**



Description Fits 300 and 400 amp **HBLDMxx HBLDFxx** inlines and receptacles



HBLF3MSGN



Distribution Block

1 Male, 6 Females

HBL7DBxx



3-Fers Description Male-Fem-Fem-Fem Fem-Male-Male-Male Soft 3-Fers Fits 300 and 400 amp **HBLM3Fxx** HBLF3Mxx HBLM3FSBK

inlines and receptacles xx=color: BK (Black), W (White), GN (Green), R (Red), BL (Blue), BN (Brown), O (Orange) and Y (Yellow).



Single Pole Devices - Series 16 & 18

300 and 400 Amp, 600V AC

- Enclosure Types 3R, 4X, 12
- Non-metallic safety retaining screw
- Insulgrip body design
- Accepts 6 AWG 4/0 wire
- Colors available: black, blue, brown, green, gray, orange, red, white and yellow
- UL and cUL Listed



300 & 400 Amp, Inlines



Description	Male Plug	Female Plug
Series 16 300 amp, thermoplastic elastomer, cable size #6 - 2/0 AWG	HBL300Mxx	HBL300Fxx
Series 16 400 amp, thermoplastic elastomer, cable size 2/0 - 4/0 AWG	HBL400Mxx	HBL400Fxx
Series 18 300 amp, thermoplastic elastomer, cable size #2 - 2/0 AWG	HBL18300Mxx	HBL18300Fxx
Series 18 400 amp, thermoplastic elastomer, cable size 3/0 - 4/0 AWG	HBL18400Mxx	HBL18400Fxx

Angled Receptacles, Stud Type



Description Female Male

Panel Mount, thermoplastic elastomer

Angled Receptacles

Male

HBLFRASxx HBLMRASxx

Receptacles, Stud Type





	Through Hole Mounting		
Description	Female	Male	
Panel Mount, thermoplastic elastomer	HBLFRSxx	HBLMRSxx	



HBLFRSCxx		HBLMRSCxx				
Female Male						
	Threaded Hole Mounting					

Receptacles, Double Set Screw





Boable det doi ett				
	Through Hole Mounting			
Description	Female	Male		
Panel Mount, thermoplastic elastomer	HBLFRxx	HBLMRxx		



Angled Receptacles				
Female	Male			
HBLFRAxx	HBLMRAxx			

Receptacles, Bus Bar Mount





	Straight Receptacles		
Description	Female	Male	
Panel Mount, thermoplastic elastomer	HBLFRBxx	HBLMRBxx	
2-hole bus bar	HBLFRB2xx	HBLMRB2xx	

Offset Terminals





	Straight Style		
Description	Female	Male	
Panel Mount, thermoplastic elastomer	HBLFOSxx	HBLMOSxx	





Angled Receptacles				
Female	Male			
HBLFRABxx	HBLMRABxx			



	Angled Style	
Female	Male	
HBLFOAxx	HBLMOAxx	

xx = Color: BK (Black), BL (Blue), BN (Brown), GN (Green), O (Orange), R (Red), W (White) and Y (Yellow).





Hubbell's Single Pole connectors are made from a specially formulated thermoplastic elastomer (TPE) that resists cracking in cold, hot or oily conditions as well as any other harmful environments that may be found within the Entertainment Industry.



Pin & Sleeve Wiring Devices





Switch-Rated Advantage™ Series

The Advantage series now includes a 30A, 60A and 100A offering which are the first and only IEC 60309-2 Pin and Sleeve Switch-Rated Devices in the market place.

Once again, Hubbell has brought more advantages to the switch-rated market establishing new benchmarks in both performance and innovation!



IEC Pin and Sleeve

- Provide safe and dependable performance in the most demanding environments
- Heavy duty non-conductive nylon construction provides impact and corrosion protection
- Pin and Sleeve devices are available in configurations from 20A 125V to 100A 600V AC

Advantage™ Series

- Disconnecting means for both motor circuits and branch circuits.
- Switch-rated connectors established new benchmarks for mechanical and electrical performance
- Compact design device is similar in size to standard IEC 60309-2 devices, receptacles mount to standard Hubbell IEC Pin and Sleeve back boxes
- Upgrade to a switch-rated connection: Add an "S" to standard catalog number HBL430C7W » HBLS430C7W





IEC Pin and Sleeve Type 4X/IP69k







Rating Color Coded by Voltage	Poles/Wires	Plug	Connector*	Receptacle*
20A 125/250V	3P/4W	HBL420P12W	HBL420C12W	HBL420R12W
20A 3Ø 480V	3P/4W	HBL420P7W	HBL420C7W	HBL420R7W
30A 125/250V	3P/4W	HBL430P12W	HBL430C12W	HBL430R12W
30A 3Ø 480V	3P/4W	HBL430P7W	HBL430C7W	HBL430R7W
30A 3ØY 120/208V	4P/5W	HBL530P9W	HBL530C9W	HBL530R9W
60A 125/250V	3P/4W	HBL460P12W	HBL460C12W	HBL460R12W
60A 3Ø 480V	3P/4W	HBL460P7W	HBL460C7W	HBL460R7W
60A 3ØY 120/208V	4P/5W	HBL560P9W	HBL560C9W	HBL560R9W
100A 125/250V	3P/4W	HBL4100P12W	HBL4100C12W	HBL4100R12W
100A 3Ø 480V	3P/4W	HBL4100P7W	HBL4100C7W	HBL4100R7W
100A 3ØY 120/208V	4P/5W	HBL5100P9W	HBL5100C9W	HBL5100R9W

*Change the prefix to HBLS for Switch-Rated P&S SKUs. For example the switch-rated version of the HBL430C7W is the HBLS430C7W.

Convention Center Pin and Sleeve

- Manufactured in a durable light-weight polycarbonate construction to withstand heavy impact
- Mates with existing installed base
- Single device that accepts both round and flat cable



Low Con



v Profile nvention Center l	Pin & Slee	ve	
Color Coded by Voltage	Doloc/Miroc	Dlug	

Rating Color Coded by Voltage	Poles/Wires	Plug	Connector	Receptacle	Inlet
60A 277/480V	4P/5W	HBL5607P	HBL5607C	HBL5607R	HBL5607B

Watertight Wiring Devices

Watertight Safety-Shroud® Twist-Lock® Devices

- Maintains UL Type 4X watertight seal when in use and when disconnected with use of closure cap
- Safety-Shroud® recessed blades provide protection against bending and breaking for a longer life
- Neoprene sealing gland and thermoplastic guard assure sealing when fully connected



Watertight Devices

- Double insulated elastomeric cover with thermoplastic body for extra safety and water resistance
- NEMA 4, 4X, 6P Rated and IP69k Suitability
- Corrosion-resistant nickel plated blades and stainless steel captive assembly screws













NEMA Rating Color Coded by Voltage	Poles/ Wires	Plug	Connector	Flanged Inlet	Receptacle
20A 125V	2P/3W	HBL2311SW	HBL2313SW	HBL2315SW	HBL2310SW
20A 250V	2P/3W	HBL2321SW	HBL2323SW	HBL2325SW	HBL2320SW
20A 125/250V AC	3P/4W	HBL2411SW	HBL2413SW	HBL2415SW	HBL2410SW
20A 3Ø 250V	3P/4W	HBL2421SW	HBL2423SW	HBL2425SW	HBL2420SW
20A 3Ø 480V	3P/4W	HBL2431SW	HBL2433SW	HBL2435SW	HBL2430SW
30A 125V	2P/3W	HBL2611SW	HBL2613SW	HBL2615SW	HBL2610SW
30A 250V	2P/3W	HBL2621SW	HBL2623SW	HBL2625SW	HBL2620SW
30A 125/250V	3P/4W	HBL2711SW	HBL2713SW	HBL2715SW	HBL2710SW
30A 3Ø 250V	3P/4W	HBL2721SW	HBL2723SW	HBL2725SW	HBL2720SW
30A 3Ø 480V	3P/4W	HBL2731SW	HBL2733SW	HBL2735SW	HBL2730SW













Watertight Devices

NEMA Rating		Plug Connector						
Color Coded by	Poles/		ı iug			Connector		Receptacle
Voltage	Wires	Yellow	Black	Clear/LED	Yellow	Black	Clear/LED	Yellow
15A 125V	2P/3W	HBL24W47A	HBL24W47BK	HBL24W47AWC	HBL25W47A	HBL25W47BK	HBL25W47AWC	HBL65W47
20A 125V	2P/3W	HBL26W47	HBL26W47BK	HBL26W47WC	HBL27W47	HBL27W47BK	HBL27W47WC	HBL67W47
20A 250V	2P/3W	HBL26W48	HBL26W48BK	_	HBL27W48	HBL27W48BK	-	HBL67W48
20A 125/250V AC	3P/4W	HBL26W74	_	_	HBL27W74	-	-	HBL67W74
20A 3Ø 250V	3P/4W	HBL26W75	HBL26W75BK	_	HBL27W75	HBL27W75BK	-	HBL67W75
20A 3Ø 480V	3P/4W	HBL26W76	HBL26W76BK	_	HBL27W76	HBL27W76BK	-	HBL67W76
30A 125V	2P/3W	HBL28W47	HBL28W47BK	_	HBL29W47	HBL29W47BK	-	HBL69W47
30A 250V	2P/3W	HBL28W48	-	_	HBL29W48	-	-	HBL69W48*
30A 125/250V	3P/4W	HBL28W74	-	_	HBL29W74	-	-	HBL69W74
30A 3Ø 250V	3P/4W	HBL28W75	HBL28W75BK	_	HBL29W75	HBL29W75BK	-	HBL69W75*
30A 3Ø 480V	■ 3P/4W	HBL28W76	HBL28W76BK	-	HBL29W76	HBL29W76BK	-	HBL69W76*

Note: *For black devices add BK suffix.



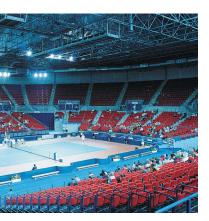


Watertight Safety

When it comes to safety, most everyone knows that water and electricity can create a dangerous environment. Ensuring a watertight seal for electrical devices is critical to ensuring maximum safety of personnel in any wet environment. Hubbell Watertight Twist-Lock® devices have become the industry standard for maintaining a watertight seal.



Hose and Cable Protection Systems





Hubbell's Hose and Cable Protection System is designed to support pedestrian and light vehicle traffic in public, institutional and commercial applications. The Hubbell modular cable protection line also permits compliance with NEC® requirements (Article 525) for insulating electrical cables and cord at carnivals, amusement parks, convention centers and similar public areas.



Hose and Cable Protection Systems TrukTrak® and TredTrak®

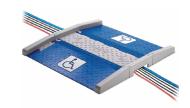
- Safeguards cables and cords from vehicle and pedestrian traffic
- TrukTrak® is ideal for events where trucks and forklifts are present while TredTrak® supports pedestrian and light vehicle traffic in public, institutional and commercial applications
- Complies with NEC® Article 525 for insulating cables at carnivals, amusement parks, convention centers and similar public areas

ProTrak®

- High density polyurethane construction supports heavy loads and is weather resistant
- Modular interlocking design for easy installation, breakdown and storage
- High visibility safety yellow and black traks have a surface pattern reduces slipping and skidding

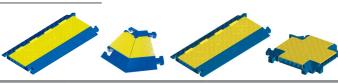
AccessTrak®

- Modular cable protection for compliance with ADA accessibility guidelines
- Protects cable and hose diameters up to 1.31 inches



ProTrak™ Systems

Description	Catalog Number
1 Channel, drop over, yellow	PROTRK115Y
1 Channel, drop over, black	PROTRK115BK
1 Channel, drop over, yellow	PROTRK140Y
1 Channel, drop over, black	PROTRK140BK
1 Channel, hinged cover, yellow	PROTRK1225Y
1 Channel, hinged cover, black	PROTRK1225BK

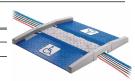


TrukTrak® and TredTrak® Systems

Description	Iruk Irak®	Ired Irak®
5 Channel, blue and yellow	HBLTT5B	HBLTRED5B
5 Channel end caps (pair only), yellow	HBLTT5ECB	HBLTRED5ECB
5 Channel female end caps (2 females), yellow	_	HBLTRED5ECFB
5 Channel 45° right turn, blue and yellow	HBLTT545RB	-
5 Channel 45° left turn, blue and yellow	HBLTT545LB	-
5 Channel "X" fitting, blue and yellow	_	HBLTRED5XB
5 Channel "Y" fitting, blue and yellow	_	HBLTRED5YB
3 Channel, blue and yellow	HBLTT3B	-
3 Channel end caps (pair only), yellow	HBLTT3ECB	_
2 Channel, blue and yellow	HBLTT2B	_

AccessTrak® System

Description	Catalog Number
5 Channel AccessTrak kit*, blue and gray	HBLAT5KITA





HUBBELL® Wiring Device-Kellems

Cord Connectors

- GOTCHA® ring incorporates a split hinge design to prevent friction and provide strain relief
- The connector body is a one-piece design with machined threads that provide a strong positive seal
- A tapered interior seats the bushing evenly for a liquidtight seal

Strain Relief Grips

- Multi-weave grip products provide arc-of-bend control minimizing cable damage and extending cable life
- Ideal for providing maximum safety where conduit is subject to vibration, motion or strain
- Stainless steel mesh is corrosion resistant and optional liquidtight fittings provide a watertight seal

Support Grips

- Ideal for ensuring safety by supporting electrical cable service drops or hoses
- Available in tin-coated bronze or stainless steel, heavy duty, standard and light duty for a variety of applications







Str	aid	ht	Ма	le
•	u.,			••

oti aigi	it ivialo					
NPT	Cord Diameter	Machined	Machined	Nylon	Nylon	Т
Hub Size	Inches (mm)	Aluminum	Zinc-Plated Steel	Gray	Black	
1/-	.38"50" (9.7-12.7)	SHC1023	SHC1023ZP	SHC1023CR	SHC2023CR	
1/2	.50"63" (12.7-15.9)	SHC1024	SHC1024ZP	SHC1024CR	SHC2024CR	
3/4	.63"75" (15.9-19.0)	SHC1037	SHC1037ZP	SHC1037CR	SHC2037CR	









Kellem	S®	
Deluxe	Cord	Grips

NPT	Grip Diameter Range	Straight	Straight	90°	45°
Thread Size	Inches (cm)	Male Thread	Female Thread	Male Thread	Male Thread
	.187"250" (.4763)	07401004	_	07401074	_
1/2	.250"375" (.6395)	07401006	_	07401076	074011236
72	.375"500" (.95-1.27)	07401008	07401043	07401078	074011021
	.500"625" (1.27-1.59)	07401010	07401045	07401080*	074011237
	.187"250" (.4763)	07401011	_	_	_
	.250"375" (.6395)	07401013	_	_	_
3/4	.375"500" (.95-1.27)	07401015	_	07401081	_
94	.500"625" (1.27-1.59)	07401017	07401052	07401083	074011049
	.625"750" (1.59-1.90)	07401018	07401053	07401084*	074011051*
	.750"875" (1.90-2.22)	074011249*	_	074011275*	074011239*

Note: *Cable jacket may have to be stripped to pass through connector body.

Kellems wire mesh products are available for a wide variety of applications including supporting and strain relief of electrical cords. The wire mesh design provides an even amount of pressure over the length of the grip and prevents

The support grip line has multiple eyes for attaching grips to any support structure. The strain relief line of mesh controls arc-of-bend and protects terminations from excessive strain.

the cord from damage and

kinking.



Single Eye, Closed Mesh**

For permanent support when cable end is available to be installed through grip

is available to be installed thi			
Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Catalog Number	
.50"62" (1.27-1.57)	530 (2,357)	02201013	
.63"74" (1.60-1.88) .75"99" (1.90-2.51)	790 (3,514) 1,020 (4,537)	02201014 02201015	
1.00"-1.24" (2.54-3.15)	1,610 (7,161)	02201017	
1.25"-1.49" (3.17-3.78) 1.50"-1.74" (3.81-4.42)	1,610 (7,161) 1.610 (7.161)	02201018 02201019	

Single Eye, Split Mesh, Rod Closing**

For support when cable end is not available.

io not available.	104
Approx. Breaking	0
Strength Lbs. (N)	Catalog Number
790 (3,514)	02203013
790 (3,514)	02203014
1,020 (4,537)	02203015
1,610 (7,161)	02203017
1,610 (7,161)	02203018
1,610 (7,161)	02203019

Note: **Change catalog number from 022 to 024 for stainless steel. Consult factory for availability.

Straight Blade Receptacles and USB Devices





GFCI Safety Code

The combination of GFCI protection and tamper-resistant safety provides an ideal "onestop" Hubbell solution. Hubbell tamper-resistant GFCI devices also include a weather resistant rating per NEC® 406.9, providing UV and corrosion resistance for harsh, damp applications.



HBL® Extra Heavy Duty Compact Industrial Receptacles

- Heavy duty brass mounting strap and impact resistant construction
- Compact device body for installation where space is limited

Hubbell-PRO Heavy Duty Specification Grade Receptacles

- Galvanized steel mounting strap and plated steel terminal screws for corrosion resistance
- Polycarbonate face and base provide impact resistance and durability
- Available in bulk packaging in red, black, and blue versions for high volume assemblers



HBL® Heavy Duty Compact Industrial Receptacles

	Receptacles			
Color	15A	20A		
Blue Black Red White	_ HBL5252BK HBL5252R HBL5252W	HBL5352BL HBL5352BK HBL5352R HBL5352W		



EdgeConnect™ HBL® Heavy Duty Industrial Grade Receptacles

	Edge Connect Receptacles		
Color	15A	20A	
Blue	HBL5262STBL	HBL5362STBL	
Black	HBL5262STBK	HBL5362STBK	
Red	HBL5262STR	HBL5362STR	
White	HBL5262STW	HBL5362STW	
Green	HBL5262STGN	HBL5362STGN	



EdgeConnect[™] Hubbell-PRO Heavy Duty Specification Grade Receptacles

opeomedicir didde neceptacies					
	Edge Connect Receptacles				
Color	15A	20A			
Black	5262STBK	5362STBK			
Blue	5262STBL	5362STBL			
Red	5262STR	5362STR			
White	5262STW	5362STW			
Green	5262STGN	5362STGN			



Extra Heavy Duty GFCI Receptacles

- Patented tamper-resistant design limits improper access to energized contacts
- Self test units continually tests and monitors for protection automatically
- No power at device face if reverse wired, eliminating false assumption of protection

Installation Efficency

- 55W 20V 'Power Delivery' USB-C Port
- The new USB standard Type-C port supports faster mobile device charging
- Compliant with USB BC1.2 battery charging and 3.0 power delivery



AUTOGUARD® Self Test Tamper & Weather Resistant

	Receptacles			
Color	15A	20A		
Brown	GFSG5262	GFSG5362		
Black	GFSG5262BLK	GFSG5362BLK		
Gray	GFSG5262GRY	GFSG5362GRY		
Ivory	GFSG5262I	GFSG5362I		
Red	GFSG5262R	GFSG5362R		
White	GFSG5262W	GFSG5362W		



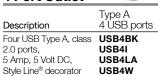


USB Charging Receptacles Type-C • Type A&C • Type A

Description	Color	Type-C USB ports	Type A&C USB ports
Power Delivery 55 Watt, 20VDC 15A 125V	Black Ivory Lt. Almond White	USB15CPDBK USB15CPDI USB15CPDLA USB15CPDW	USB15ACPDBK USB15ACPDI USB15ACPDLA USB15ACPDW
Power Delivery 55 Watt, 20VDC 20A, 125V	Black Ivory Lt. Almond White	USB20CPDBK USB20CPDI USB20CPDLA USB20CPDW	USB20ACPDBK USB20ACPDI USB20ACPDLA USB20ACPDW

Note: See full line catalog for additional colors available.







Portable GFCI and Temporary Power Boxes

Portable GFCI Line Cords and Outlets

- Provides a watertight housing for maximum safety in harsh environments
- · Available with either automatic and manual set feature to fit the application
- Meets UL943 Requirements for Self-Test

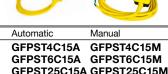


Multiple Outlet Portable GFCI

- Ideal for providing safety in applications requiring multiple outlets
- Features gasketed cover to protect outlets not in use
- Meets UL943 Requirements for Self-Test



Circuit Guard® Portable GFCI **Line Cords**



Line Corus			
Description	Length	Automatic	Manual
15A 120V AC	18 in.	GFPST4C15A	GFPST4C15M
GFCI Cord Line	6 ft.	GFPST6C15A	GFPST6C15M
	25 ft.	GFPST25C15A	GFPST25C15M
15A 120V AC	15 ft.	GFPSTOEMA	GFPSTOEMM
w/ Stripped Leads	3		
20A 120V AC	3 ft.	GFPST3C20M	_

Multiple Outlet Portable GFCI



SPIDER® Temporary Power Distribution

- Ensure maximum safety for outdoor events
- Individual GFCI modules
- Gasketed latching receptacle lift covers
- Replaceable legs





Temporary Power Boxes

			Protection	Receptacle Type	
Max Rating	Type	Receptacle Rating	Overload/GFI	Straight Blade	Twist-Lock®
Spider® II 30A, 120/240V AC	(7) Receptacles (1) Twist-Lock®*	20A, 125V 30A, 120/240V	Yes/Yes No/No	SDSB1A	SDTL1A
Spider® II 50A, 120/240V AC	(7) Receptacles (1) Twist-Lock®*	20A, 125V 50A, 125/250V	Yes/Yes No/No	SBSB1A	SBTL1A
Spider® II 60A, 3Ø 120/208V	(6) Receptacles (1) Pin & Sleeve*	20A, 125V 60A, 3ØY, 120/208V	Yes/Yes No/No	SCSB0	SCTL0
Commercial Spider® 50A 120/240V AC	(6) Receptacles (1) Twist-Lock® (1) Twist-Lock®*	20A, 125V 30A, 250V 50A 125/250V	Yes/Yes Yes/No No/No	TPDS	TPDL

^{*}Inlet and outlet.







Cable Sets

Cable Cets			
Description	50 Amp	50 Amp	50 Amp
50 Ft. cord set for use with Spider II Boxes	SCB50Y	SCB50	_
50 Ft. cord set for use with Temporary Boxes (TPD Series)	_	_	TPC50





Hubbell's SPIDER® Temporary Power Distribution system incorporates the latest devices for reliably delivering safe, temporary power to a variety of equipment and lighting systems needed for outdoor events.



ENTERTAINMENT Product Solution Guide



Online Resources

The Hubbell Wiring Device-Kellems website offers fast and convenient information through our online catalog, technical support, videos and more. Visit www.hubbell.com/wiringdevice-kellems/en.

Literature Support

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



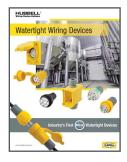
Single Pole Devices

Single Pole devices offer temporary power connections for the most demanding environments.



Stage Pin Devices

Hubbell's Stage Pin devices are designed for cool running performance and high impact resistance in very demanding environments.



Watertight Wiring Devices

Straight Blade and Locking watertight devices include plugs, connectors, receptacles and more.



Twist Lock Edge Series

Hubbell's innovative, patented Twist-Lock® Edge series devices with screwless terminations are the fastest termination devices on the market. Strong steel springs continuously apply pressure to wires, ensuring a strong connection in the most abusive environments.



Insulgrip Wiring Devices

Complete brochure for Hubbell's line of Insulgrip products, including Straight Blade, Twist-Lock® Safety Shroud and Pin and Sleeve wiring devices.



Twist-Lock® Circuit Testers

Hubbell's Twist-Lock® Circuit Testers easily test the circuit condition without the need for traditional measurement techniques.



Advantage™ Series Switch-Rated **IEC Pin & Sleeve**

Advantage™ Series devices are IEC 60309-2 compatible and approved for use as a disconnecting means for motor and branch circuits.



Hose and Cable **Protection Systems**

Hubbell's Hose and Cable protection systems are designed to safeguard cables and cords from vehicle and pedestrian traffic.



