SECTION H





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Features and Benefits

Series 15 and 16 - 150, 300 and 400 Ampere, 600V AC/250V DC

Hubbell Wiring Device–Kellems offers a full line of innovative, high quality, Series 15 and Series 16 single pole plugs, receptacles and accessories.

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 required. A high strength non-conductive retaining screw is all that is needed to securely lock the contacts to the insulated sleeve.

• Special screw thread requires fewer turns than most competitors and reduces the risk of a conductive screw being substituted.





Housing Design

- Insulgrip[®] style housing for superior gripping conforms to the user's hand making it easy to connect and disconnect, even with gloves on
- Easily identifiable cable with cut off points for secure fit allows you to easily customize and cut the housing to the required/correct cable size. Accommodates wide range of cables



Safety

- Rounded corners reduce the possibility of catching or snagging on structures or equipment
- Large Raised Alignment Arrow aids in the mating of devices and provides a visual indication that the devices are properly connected



Assembly

- Special screw thread requires fewer turns than most competitors and reduces the risk of a conductive screw being substituted
- Non-conductive retaining screw locks contacts in place and allows for easy installation. Prevents contact movement within housing



Contacts

- Provides high contact pressure and vibration resistant connection, which helps reduce operating temperatures and extends product life
- Mounting screw recesses minimize screwdriver slippage



Identification

- Turn and lock symbol aids in the mating of devices and provides a clear indication that the devices are properly connected
- Alignment arrows and lock and unlock symbols provide a visual indication that devices are properly connected



Installation

- Strip gauge molded into every plug and receptacle housing. Simplifies installation and saves time
- Extra long non-conductive inner sleeve reduces force required to install housing over contacts. Easier to rotate contact in body for installing retaining screw

Series 15 - 150 Ampere, 600V AC/250V DC

Color

Black

White

Green

Red

Blue

Brown Orange

Yellow

Gray



Male Plug

HBL15MBK

HBL15MGN

HBL15MW

HBL15MR

HBL15MO

HBL15MY

HBL15MGY

HBL15MBL HBL15MBN

Plugs, Female		E. M. Man
Description	Color	Female Plug
150 amp,	Black	HBL15FBK
thermoplastic elastomer,	White	HBL15FW
cable size #8 - #2 AWG.	Green	HBL15FGN
	Red	HBL15FR
	Blue	HBL15FBL
	Brown	HBL15FBN
	Orange	HBL15FO
	Yellow	HBL15FY
	Gray	HBL15FGY

Receptacles, Stud Type ¹¹/₁₆" x ³/₄"

Plugs, Male

thermoplastic elastomer,

cable size #8 - #2 AWG.

Description 150 amp,

Description	Color	Female Receptacles	Male Receptacles
150 amp Panel Mount, thermoplastic, cable size #8 - #2 AWG.	Black White Green Red Blue Brown Orange Yellow Grav*	HBL15FRSBK HBL15FRSW HBL15FRSGN HBL15FRSBL HBL15FRSBN HBL15FRSBN HBL15FRSO HBL15FRSY	HBL15MRSBK HBL15MRSW HBL15MRSGN HBL15MRSB HBL15MRSBL HBL15MRSD HBL15MRSY

Note: *Gray is available upon request.



Protective Caps

Description	Color	Fits Female Devices	Fits Male Devices
Fits 150 amp plugs and receptacles.	Black White Green Red Blue	HBL15FCAPBK HBL15FCAPW HBL15FCAPGN HBL15FCAPR HBL15FCAPBL	HBL15MCAPBK HBL15MCAPW HBL15MCAPGN HBL15MCAPR HBL15MCAPBL

Note: **Additional colors are available upon request. Contact factory.



HBL15MRR

HBL15MRBL

HBL15MRBN

HBL15MRO HBL15MRY

HBL15MRGY

HBL15FRR

HBL15FRBL

HBL15FRBN

HBL15FRO

HBL15FRY HBL15FRGY



Description

Description	Color	Catalog Number
Use with stud type or double set screw receptacles.	Clear Black White Green Red Blue	HBL15NCC HBL15NCBK HBL15NCW HBL15NCGN HBL15NCR HBL15NCBL



Enclosure Types 3R, 4X, 12

Series 15 - 150 Ampere, 600V AC/250V DC



Enclosure Types 3R, 4X, 12

Tees		
Color	Tapping Tee (Female-Female-Male)	Paralleling Tee (Female-Male-Male)
Black	HBL15TBK	HBL15PTBK
White Green	HBL15TW HBL15TGN	HBL15PTW HBL15PTGN
Red	HBL15TR	HBL15PTR
Blue	HBL15TBL	HBL15PTBL

Gender Reversing Devices		1 James
Color	Double Male (Male-Male)	Double Female (Female-Female)
Black White Green Red Blue	HBL15DMBK* HBL15DMW HBL15DMGN HBL15DMR* HBL15DMBL*	HBL15DFBK* HBL15DFW HBL15DFGN HBL15DFR* HBL15DFBL*

Note: *Not UL listed, consult factory for availability.

Replacement Bodies (25 Pack)	1 19 10 10	For Man
Color	Male Body	Female Body
Black White Green Red Blue	HBL15MBBK HBL15MBW HBL15MBGN HBL15MBR HBL15MBBL	HBL15FBBK HBL15FBW HBL15FBGN HBL15FBR HBL15FBBL

Replacement Contacts (25 Pack)	and an	×.
Description	Male Pin	Fema
Contact, 150 amp	HBL15RCM	HBL



HBL15RCF





Catalog Number
HBL15PK
HBL15RS
HBL15CF
HBL15BW
HBL15TS25
HBL15TS375
HBL15F2
HBL15F4



HBL15TS25

HBL15CF

HBL15TS375





HBL15F2 HBL15F4



Series 15 - 150 Ampere, 600V AC/250V DC

Specifications

Electrical	
Voltage Ratings	600V AC Maximum.
	250V DC Maximum.
Amperage Rating	150A Maximum.
Mechanical	
Terminal Accommodation	Plug: #8 to #2 AWG.
	Recept.: #8 to #2 AWG.
Product Identification	Ratings are a permanent part of device.
Base Compound	Plug: Thermoplastic Elastomer (TPE).
	Recept.: Polybutylene Terephthalate (PBT).
Contact Material	Brass.
Retaining Screw Material	Nylon.

Certification / Environmental

UL and cUL Listed. UL Enclosure Types 3R, 4X, 12.

UL 1691 standard for single pole locking-type separable connectors. National Electric Code (NEC[®]), ANSI/NFPA 70.

Conductor Ampacity Chart (Type SC/PPC Wire)

Series 15 Threaded Stud

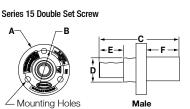
∠ Mounting Holes

Cable Size	Ampacity•
#8	80
#6	105
#4	140
#2	190

Note: •90°C column NEC Table 400.5(A)(2).

Dimensions

Panel Mount Receptacles								
Threaded Stud	А	В	С	D	E	F	Mounting Hole	Termination
Male	1.86" (47.2)	1.37" (34.8)	2.82" (71.6)	.86" (22.0)	.80" (20.4)	1.20" (30.5)	Through 3x Ø .20"	5/16-18 Threaded Stud
Female	1.86" (47.2)	1.37" (34.8)	2.88" (73.1)	.86" (22.0)	.80" (20.4)	1.26" (32.0)	Through 3x Ø .20"	5/16-18 Threaded Stud
Double Set Screw	^	D	С	D	E	-	Mounting Llolo	T · · ·
	A	В	U	D	E	F	Mounting Hole	Termination
Male	1.86" (47.2)	в 1.37" (34.8)	2.90" (73.6)	.86" (22.0)	.88" (22.2)	F 1.20" (30.5)	Through 3x Ø .20"	(2) 5/32 Socket Head Set Screws



в

- B-

ÎC.

Îc

Male

Inline Plugs

Double Male

Double Female

Tees

Tapping Tee

Paralleling Tee

Series 15

Weatherproof Cover

	А	В	С	D
Male	4.54"	1.04"	.86"	3.22"
	(1153)	(26.4)	(21.8)	(81.7)
Female	4.60"	1.11"	.68"	3.28"
	(116.8)	(28.2)	(17.3)	(83.2)

В

(107.3) (21.8)

(107.3) (26.7)

.86"

1.05"

В

4.28"

(45.9)

4 22'

В

1.14"

(29.0)

(107.2) (21.9)

С

_

.68"

С

.865

(21.9)

.865"

С

1.49'

(37.9)

(17.3)

Gender Reversing Devices

А

4.22"

4.22"

А

2.67"

(67.9)

2.67"

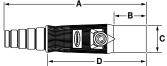
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Α

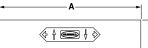
2.03"

(51.5)

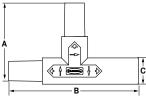
Series 15 Male Inline Plug



Series 15 Double Male



Series 15 Tapping Tee







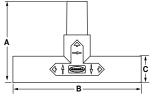
Series 15 Double Female

-В-

Series 15 Female Inline Plug

Δ

D



Dimensions in Inches (mm)

NEC[®] is a registered trademark of the National Fire Protection Association (NFPA).

eSpec Sheets Available Online



Enclosure Types 3R, 4X, 12

HBL400FO

HBL400FY HBL400FGY



Description	Color	Male Plug	Female Plug
300 amp,	Black	HBL300MBK	HBL300FBK
thermoplastic	White	HBL300MW	HBL300FW
elastomer,	Green	HBL300MGN	HBL300FGN
cable size	Red	HBL300MR	HBL300FR
#6 - 2/0 AWG.	Blue	HBL300MBL	HBL300FBL
	Brown	HBL300MBN	HBL300FBN
	Orange	HBL300MO	HBL300FO
	Yellow	HBL300MY	HBL300FY
	Gray	-	-

Description	Color	Male Plug	Female Plug
400 amp,	Black	HBL400MBK	HBL400FBK
thermoplastic	White	HBL400MW	HBL400FW
elastomer,	Green	HBL400MGN	HBL400FGN
cable size	Red	HBL400MR	HBL400FR
2/0 - 4/0 AWG.	Blue	HBL400MBL	HBL400FBL
	Brown	HBL400MBN	HBL400FBN

HBL400MO

HBL400MY

HBL400MGY

Orange

Yellow

Gray

.....



DescriptionColorThrough Hole MountingThreaded Mounting Holes400 ampBlackHBLFRSBKHBLFRSCBKPanel Mount, thermoplasticWhiteHBLFRSWHBLFRSCWelastomer, mates with 300 and 400 amp plugs.RedHBLFRSBLHBLFRSCRHBLFRSBL OrangeHBLFRSCNHBLFRSCBL	Female Stud	Туре	-	
Panel Mount, thermoplastic elastomer, and 400 amp plugs.White WhiteHBLFRSW HBLFRSGN HBLFRSGN HBLFRSCN HBLFRSCN HBLFRSCN HBLFRSCN HBLFRSCN HBLFRSCN HBLFRSCN HBLFRSCN HBLFRSCN HBLFRSCN HBLFRSCN HBLFRSCN	Description	Color		
Yellow HBLFRSY HBLFRSCY	Panel Mount, thermoplastic elastomer, mates with 300 and 400 amp	White Green Red Blue Brown	HBLFRSW HBLFRSGN HBLFRSR HBLFRSBL HBLFRSBN	HBLFRSCW HBLFRSCGN HBLFRSCR HBLFRSCBL HBLFRSCBN

Receptacles, Male Stud Type	d'	
	Through Hole	Threaded

Description	Color	Through Hole Mounting	Threaded Mounting Holes
400 amp Panel Mount, thermoplastic elastomer, mates with 300 and 400 amp plugs.	Black White Green Red Blue Brown Orange Yellow	HBLMRSBK HBLMRSW HBLMRSGN HBLMRSR HBLMRSBL HBLMRSBN HBLMRSO HBLMRSY	HBLMRSCBK HBLMRSCW HBLMRSCGN HBLMRSCR HBLMRSCBL HBLMRSCBN HBLMRSCO HBLMRSCY



Angled Receptacles, Stud Type

Plugs

Receptacles,

Description	Color	Female Receptacles	Male Receptacles
400 amp	Black	HBLFRASBK	HBLMRASBK
Panel Mount,	White	HBLFRASBL	HBLMRASBL
thermoplastic	Green	HBLFRASBN	HBLMRASBN
elastomer,	Red	HBLFRASGN	HBLMRASGN
mates with 300	Blue	HBLFRASO	HBLMRASO
and 400 amp	Brown	HBLFRASR	HBLMRASR
plugs.	Orange	HBLFRASW	HBLMRASW
	Yellow	HBLFRASY	HBLMRASY

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Enclosure Types 3R, 4X, 12

Male



Receptacles, **Double Set Screw**

Description	Color	Female Receptacles	Male Receptacles
400 amp Panel Mount, thermoplastic elastomer, cable size #4 - 4/0 AWG, mates with 300 and 400 amp plugs.	Black White Green Red Blue Brown Orange Yellow Gray	HBLFRBK HBLFRW HBLFRGN HBLFRBL HBLFRBN HBLFRO HBLFRY HBLFRGY	HBLMRBK HBLMRRW HBLMRGN HBLMRBL HBLMRBN HBLMRO HBLMRY HBLMRGY

Angled Rec Double Set	
	Female

Description	Color	Receptacles	Receptacles
400 amp	Black	HBLFRABK	HBLMRABK
Panel Mount,	White	HBLFRAW	HBLMRAW
thermoplastic	Green	HBLFRASGN	HBLMRAGN
elastomer, cable	Red	HBLFRAR	HBLMRAR
size #4 - 4/0 AWG,	Blue	HBLFRABL	HBLMRABL
mates with 300	Brown	HBLFRABN	HBLMRABN
and 400 amp	Orange	HBLFRAO	HBLMRAO
plugs.	Yellow	HBLFRAY	HBLMRAY
	Gray	-	_



Receptacles,			
Bus	Bar	Mount	

Female	Male

Description	Color	Receptacles	Receptacles
400 amp	Black	HBLFRBBK	HBLMRBBK
Panel Mount,	White	HBLFRBW	HBLMRBW
thermoplastic	Green	HBLFRBGN	HBLMRBGN
elastomer,	Red	HBLFRBR	HBLMRBR
mates with 300	Blue	HBLFRBBL	HBLMRBBL
and 400 amp	Brown	HBLFRBBN	HBLMRBBN
plugs.	Orange	HBLFRBO	HBLMRBO
	Yellow	HBLFRBY	HBLMRBY



Bus Bar Would				
Description	Color	Female Receptacles	Male Receptacles	
400 amp Panel Mount, thermoplastic elastomer, mates with 300 and 400 amp plugs.	Black White Green Red Blue Brown Orange Yellow	HBLFRABBK HBLFRABW HBLFRABGN HBLFRABR HBLFRASBL HBLFRABN HBLFRABO HBLFRABY	HBLMRABBK HBLMRABW HBLMRABGN HaBLMRABR HBLMRABBL HBLMRABN HBLMRABO HBLMRABY	



Receptacles, **Offset Bus Bar Mount**

Description	Color	Female Receptacles	Male Receptacles
400 amp	Black	HBLFOSBK	HBLMOSBK
Panel Mount,	White	HBLFOSW	HBLMOSW
thermoplastic	Green	HBLFOSGN	HBLMOSGN
elastomer, cable	Red	HBLFOSR	HBLMOSR
size #4 - 4/0 AWG,	Blue	HBLFOSBL	HBLMOSBL
mates with 300 and 400 amp	Brown	HBLFOSBN	HBLMOSBN
plugs.	Orange	HBLFOSO	HBLMOSO
	Yellow	HBLFOSY	HBLMOSY

Angled Receptacles, Offset Bus Bar Mount

Description	Color	Female Receptacles	Male Receptacles
400 amp Mount,	Black	HBLFOABK	HBLMOABK
thermoplastic	White	HBLFOAW	HBLMOAW
elastomer,	Green	HBLFOAGN	HBLMOAGN
mates with 300	Red	HBLFOAR	HBLMOAR
and 400 amp	Blue	HBLFOABL	HBLMOABL
plugs.	Brown	HBLFOABN	HBLMOABN
	Orange	HBLFOAO	HBLMOAO
	Yellow	HBLFOAY	HBLMOAY

(



Enclosure Types 3R, 4X, 12









	• • • • •					
Color	Tapping Tee (Female-Female-Male)	Paralleling Tee (Female-Male-Male)	3-Fer (Male-Female- Female-Female)	3-Fer (Female-Male- Male-Male)	Soft 3-Fer (Male-Female- Female-Female)	Soft 3-Fer (Female- Male-Male-Male)
Black	HBLTBK	HBLPTBK	HBLM3FBK	HBLF3MBK	HBLM3FSBK	_
White	HBLTW	HBLPTW	HBLM3FW	HBLF3MW	-	_
Green	HBLTGN	HBLPTGN	HBLM3FGN	HBLF3MGN	-	HBLF3MSGN
Red	HBLTR	HBLPTR	HBLM3FR	HBLF3MR	-	_
Blue	HBLTBL	HBLPTBL	HBLM3FBL	HBLF3MBL	-	-
Brown	HBLTBN	HBLPTBN	HBLM3FBN	HBLF3MBN	-	_
Orange	HBLTO	HBLPTO	HBLM3FO	HBLF3MO	-	-
Yellow	HBLTY	HBLPTY	HBLM3FY	HBLF3MY	-	_

Gender Reversing Devices		CID
Color	Double Male (Male-Male)	Double Female (Female-Female)
Black	HBLDMBK	HBLDFBK
White	HBLDMW	HBLDFW
Green	HBLDMGN	HBLDFGN
Red	HBLDMR	HBLDFR
Blue	HBLDMBL	HBLDFBL
Brown	HBLDMBN	HBLDFBN
Orange	HBLDMO	HBLDFO
Yellow	HBLDMY	HBLDFY



Distribution Block (1-Male, 6-Females)

Color	Catalog Number	
Black	HBL7DBBK	
White	HBL7DBW	
Green	HBL7DBGN	
Red	HBL7DBR	
Blue	HBL7DBBL	
Brown	HBL7DBBN	
Orange	HBL7DBO	
Yellow	HBL7DBY	



Protective Caps

Tees and 3-Fers

	Fits Female	Fits Male	
Color	Devices	Devices	
Black	HBLFCAPBK	HBLMCAPBK	
White	HBLFCAPW	HBLMCAPW	
Green	HBLFCAPGN	HBLMCAPGN	
Red	HBLFCAPR	HBLMCAPR	
Blue	HBLFCAPBL	HBLMCAPBL	
Brown	HBLFCAPBN	HBLMCAPBN	
Orange	HBLFCAPO	HBLMCAPO	
Yellow	HBLFCAPY	HBLMCAPY	

Weather Protective Lift Covers		
Color	Catalog Number	All One Color Caps and Bodies
Clear		HBLNCC
Black	- HBLNCBK	HBLNCABK
White	HBLNCW	HBLNCAW
Green	HBLNCGN	HBLNCAGN
Red	HBLNCR	HBLNCAGN
Blue	HBLNCBL	HBLNCABL
Brown	HBLNCBL	HBLNCABN
Orange	HBLNCO	HBLNCAO
Yellow	HBLNCY	HBLNCAY

Enclosure Types 3R, 4X, 12

Replacement **Bodies** (10 Pack) Color Male Body Female Body Black HBLMBBK HBLFBBK White HBLMBW HBLFBW Green HBLMBGN HBLFBGN Red HBLMBR HBLFBR Blue HBLMBBL HBLFBBL Brown HBLMBBN HBLFBBN HBLMBO HBLFBO Orange Yellow HBLMBY HBLFBY





Snap Back Covers

	-	
Color	Through Hole Mounting	Threaded Mounting Holes
Black	HBLSCBK*	HBLSCCBK*
White	HBLSCW*	HBLSCCW*
Green	HBLSCGN*	HBLSCCGN*
Red	HBLSCR*	HBLSCCR*
Blue	HBLSCBL*	HBLSCCBL*
Brown	HBLSCBN*	HBLSCCBN*
Orange	HBLSCO*	HBLSCCO*
Yellow	HBLSCY*	HBLSCCY*

Note: *3R only.



Accessories	
Description	Catalog Number
Accessory Kit, retaining screw, copper foil, terminal screws and brass wire	HBLPK
Replacement retaining screw (500 pack)	HBLRS
Copper foil (500 pack)	HBLCF
Brass wire (500 pack)	HBLBW
Terminal screw - inline (500 pack)	HBLTS
Terminal screw - panel mount (500 pack)	HBLTSR

Panel Mount Receptacles

Α

2.20"

(55.9)

2.20"

(55.9)

2.20"

(55.9)

2.20"

(55.9)

А

B

2.20"

(55.9)

2.20"

(55.9)

В

В

2.20"

(55.9)

2.20"

(55.9)

С

1.50"

(38.1)

1.50"

(38.1)

1.50"

(38.1)

1.50"

(38.1)

С

С

D

4.10"

3.67"

(93.2)

4.10"

D

F

(104.3) (47.4)

1.48"

1.48"

(47.4)

1.48"

Е

(104.3) (47.4)

3-Fer

F

1.25"

(31.7)

1.11'

(28.2)

F

1.36

(34.5)

G

1.74"

(44.2)

1.55"

(39.4)

1.74"

(44.2)

G

Mounting Hole Termination

1/2-13

1/2-13

UNC-2A

Termination

UNC-2A

Threaded Stud

Threaded Stud

(2) 7/32 Socket

Head Set Screws

Through

4x Ø .20"

Threaded

4x #10-32

Threaded

4x #10-32

Mounting Hole

Threaded Stud

Male & Female

hole mounting

Male & Female

mounting holes

Male & Female

mounting holes

Male & Female

mounting holes

w/ threaded

Busbar Type

w/ threaded

Double Set Screw A

w/ threaded

w/ through



Series 16 - 300 and 400 Ampere, 600V AC/250V DC

Specifications

Voltage Ratings	600V AC Maximum.
	250V DC Maximum.
Amperage Rating	400A Maximum.
Mechanical	
Terminal Accommodation	Plug– 300A – #6 to 2/0 AWG.
	Plug– 400A – 2/0 to 4/0 AWG.
	Recept 400A - #4 to 4/0 AWG.
Product Identification	Ratings are a permanent part of device.
Base Compound	Thermoplastic Elastomer (TPE).
Contact Material	Brass.
Retaining Screw Material	Nylon.

Certification / Environmental

UL and cUL Listed.

UL Enclosure Types 3R, 4X, 12.

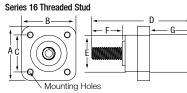
Flammability: HB per UL94 or CSA 22.2. 0.17.

UL 498 for attachment plugs and receptacles.

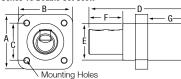
UL 1691 draft standard for single pin and sleeve devices intended for theatre, stage and studio applications (Series 16 pending). National Electric Code (NEC®), ANSI/NFPA 70.

Conductor Ampacity Chart (Type SC/PPC Wire)					
Cable Size	Ampacity•				
#4	140				
#2	190				
2/0	300				
4/0	405				

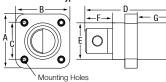
Dimensions



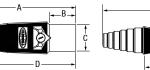
Series 16 Double Set Scew



Series 16 Busbar Type



Series 16 Inline Plug Male

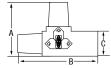


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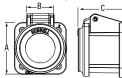
Series 16 Double Male



Series 16 Tapping Tee



Series 16 Weatherproof Cover



Dimensions in Inches (mm)

Series 16 Inline Plug Female I**---**B--

Series 16 Double Female

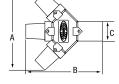
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Series 16 Snap Back Cover

R F 0 HUBBELL







)	E	F	G	Mounting	g Hole	Terminatio	on
3.57" 90.7)	1.48" (37.6)	1.01" (25.7)		Threaded 4x #10-32		(1) 5/16- ⁻ UNC-2B Threaded	
Inlii	ne Plug	S					
				А	В	С	D
Mal	e			7.01" (178.0)			4.78" (121.4)
Ferr	nale			7.10" (180.5)	1.44" (36.6)	1.06" (27.0)	4.90" (121.3)
Ger	nder Re	versing	Device	S			
				А	В	С	
Dou	ible Male	e		4.65" (118.1)		—	
Dou	ıble Fem	ale		4.84" (122.9)		1.06" (27.0)	
Тее	s and 3	-Fers					
				А	В	С	
Тар	ping Tee			3.18" (80.8)		1.48") (37.6)	
Para	alleling T	ee		3.18" (80.8)	4.65" (118.1	1.48") (37.6)	

	(149.3)	(146.9)	(37.6)
Covers			
	А	В	С
Weatherproof Cover		1.16" (29.44)	
Snap Back Cover to be used with receptacles	2.26" (57.4)		_

5.88"

5.78"

1.48"

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

H-10

www.hubbell-wiring.com



Features and Benefits

Spider[®] II Temporary Power Boxes

Hubbell's Spider[®] II temporary power distribution system sets the safety and performance standard for temporary power needs. Construction sites and outdoor events place more demands on electrical power than ever before. Hubbell's Spider box steps up to the challenge by offering advanced electrical and safety features. The Spider II box incorporates the most advanced ground fault module technology available in the industry today, ensuring safe and reliable distribution of electrical power for a wide variety of temporary power applications.

Breadth of line and innovation, Hubbell manufactures a variety of Spider II Boxes and temporary power products for both indoor and outdoor power and lighting applications. Hubbell's Spider products incorporate the most innovative wiring devices in the Hubbell Safety-Shroud[®] Twist-Lock[®] system. The shrouded Twist-Lock design extends the life of the plug by protecting the blades from abuse and, more importantly, the shroud protects the user from arcing.





Housing Design

- Individual GFCI modules
- Gasketed latching receptacle lift covers
- Replaceable legs



Assembly

- Compact electronic supervisory circuit
- Detailed wiring diagram
- Six 20 Amp straight blade or Twist-Lock[®] watertight receptacles



Safety

- Standard stab termination circuit breakers with gasketed lift cover
- All Pin and Sleeve, Twist-Lock and straight blade receptacles on each Spider box are protected when not in use by a gasketed, spring loaded flip lid



Receptacles

• Available with flush 50 Amp Twist-Lock[®] inlet or 60 Amp IEC reversed service Pin and Sleeve receptacle



Environmental Protection

- Spider II boxes have earned a TYPE 3R metallic enclosure rating and heavy duty, abuse resistant legs for outdoor rainproof applications
- Provides UL Type 4X rating when the receptacles are used with Watertight Safety-Shroud Twist-Lock plugs

NEC® is a registered trademark of the National Fire Protection Association (NFPA).



Certifications

 Hubbell's Spider II Boxes meet NEC[®] requirements for personal protection against electrical shock on job sites and are listed to the latest UL1640 standard for portable power distribution equipment











60A Class "L" Spider® II

Spider[®] II Temporary Power Boxes

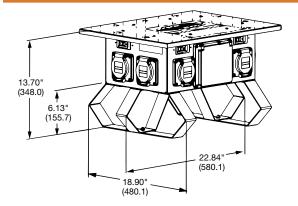
		Receptacle		Receptacle	Protect	ion		
Rating	Туре	Qty	Receptacle Ratings	Components	Overload	GFI	Catalog Numbe	
30A, 120/240V AC	Straight Blade	7	20A, 125V	HBL53R61	Yes	Yes	SDSB1A	
(Maximum)	Twist-Lock [®] (inlet)	1	30A, 120/240V	HBL2715SWR	No	No		
	Twist-Lock [®] (outlet)	1	30A, 120/240V	HBL2710	No	No		
50A, 120/240V AC	Straight Blade	7	20A, 125V	HBL53R61	Yes	Yes	SBSB1A	
(Maximum)	Twist-Lock [®] (inlet)	1	50A, 125/250V	HBL6375S	No	No		
	Twist-Lock [®] (outlet)	1	50A, 125/250V	CS6369	No	No		
50A, 120/240V AC	Straight Blade	6	20A, 125V	HBL53R61	Yes	Yes	SBSB2	
(Maximum)	Twist-Lock®	1	30A, 250V	HBL2620SW	Yes	Yes		
. ,	Twist-Lock [®] (inlet)	1	50A, 125/250V	HBL6375S	No	No		
	Twist-Lock [®] (outlet)	1	50A, 125/250V	CS6369	No	No		
50A, 120/240V AC	Twist-Lock [®]	7	20A, 125V	HBL2310SW	Yes	Yes	SBTL1A	
(Maximum)	Twist-Lock [®] (inlet)	1	50A, 125/250V	HBL6375S	No	No		
	Twist-Lock [®] (outlet)	1	50A, 125/250V	CS6369	No	No		
50A, 120/240V AC	Twist-Lock [®]	6	20A, 125V	HBL2310SW	Yes	Yes	SBTL2	
(Maximum)	Twist-Lock [®]	1	30A, 250V	HBL2620SW	Yes	Yes		
	Twist-Lock [®] (inlet)	1	50A, 125/250V	HBL6375S	No	No		
	Twist-Lock [®] (outlet)	1	50A, 125/250V	CS6369	No	No		
60A, 3Ø 120/208V AC	Straight Blade	6	20A, 125V	HBL53R61	Yes	Yes	SCSB0*	
(Maximum)	Pin and Sleeve (inlet)	1	60A, 3ØY 120/208V	HBL560B9R	No	No		
	Pin and Sleeve (outlet)	1	60A, 3ØY 120/208V	HBL560R9W	No	No		
60A, 3Ø 120/208V AC	Twist-Lock®	6	20A, 125V	HBL2310SW	Yes	Yes	SCTL0*	
(Maximum)	Pin and Sleeve (inlet)	1	60A, 3ØY 120/208V	HBL560B9R	No	No		
. ,	Pin and Sleeve (outlet)	1	60A, 3ØY 120/208V	HBL560R9W	No	No		

Class "L" Spider[®] II Temporary Power Boxes

				Receptacle	Protec	tion	
Rating	Туре	Qty	Receptacle Ratings	Components	Overload	GFI	Catalog Number
60A, 3Ø 120/208V AC	Straight Blade	6	20A, 125V	HBL53R61	Yes	Yes**	SCSB0M2
(Maximum)	Class "L" (inlet)	1	60A, 3ØY, 120/208V	_	No	No	
	Class "L" (outlet)	1	60A, 3ØY, 120/208V	—	No	No	
60A, 3Ø 120/208V AC	Twist-Lock [®]	6	20A, 125V	HBL2310SW	Yes	Yes**	SCTL0M2
(Maximum)	Class "L" (inlet)	1	60A, 3ØY, 120/208V	_	No	No	
	Class "L" (outlet)	1	60A, 3ØY, 120/208V	_	No	No	

Note: *60A units are UL and cUL only. **GFCI protection on 4 devices only.

Dimensions



Specifications

Spider [®] II	
Listing/Certification	UL 1640 cUL and CSA, UL 943.
Environment	Indoor and outdoor wet and dry locations.
Enclosure Type	3R, rainproof, suitable for use in damp locations.
Code Compliance	NEC [®] , ANSI/NFPA 70.

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Dimensions in Inches (mm)



SR50

SCB50

HBL560R9W

Features and Benefits

Temporary Power Accessories

Hubbell's SR50 is comprised of a pre-wired 50A receptacle, mounted in a fully non-metallic watertight FD wall box.

This weather resistant, UL listed, assembly provides significant labor savings for the contractor, because it's pre-wired with a 50A Twist-Lock[®] receptacle, installation time is significantly reduced. The 4 hole mounting pattern of the new FD box also provides added security for the device.



Cable Sets and Receptacles

Description	Catalog Number
50A pre-wired wall mounted receptacle, with 2 ft. wire leads.	SR50
50A cord set - 50 ft. cable (input/output).	SCB50
50A cord set - 100 ft. cable (input/output).	SCB100
60A cord set - 6 ft. cable (input/output).	SCC06
60A cord set - 50 ft. cable (input/output).	SCC50
60A, 3Ø 120/208V Pin and Sleeve wall mounted receptacle.	HBL560R9W
1¼" hub 15 deg. non-metallic angle back box for 60A receptacle.	BB601W
1½" hub 15 deg. metallic 4-way angle back box for 60A receptacle.	FW60100

Note: Consult factory for alternate cable lengths.

Replacement Parts

Description	Catalog Number
20A, 125V straight blade receptacle.	HBL53R61
20A, 125V Safety-Shroud Twist-Lock [®] receptacle.	HBL2310SW
30A, 250V Safety-Shroud Twist-Lock [®] receptacle.	HBL2620SW
30A, Reverse Service Safety-Shroud connector.	HBL2713SR
30A, Reverse Service inlet.	HBL2715SWR
50A, 125/250V Twist-Lock [®] receptacle.	CS6369
50A, 125/250V Twist-Lock [®] inlet.	HBL6375S
60A, 3Ø 120/208V Pin and Sleeve reversed service receptacle (inlet).	HBL560B9R
60A, 3Ø 120/208V Pin and Sleeve receptacle (outlet).	HBL560R9W
60A, 3Ø 120/208V Pin and Sleeve reversed service plug (female).	HBL560P9WR
60A, 3Ø 120/208V Pin and Sleeve plug (male).	HBL560P9W
GFCI module.	GFM20
50A Spider supervisory kit.	SSK
60A Spider supervisory kit.	SSK60
Spider circuit breaker cover.	SCBC
Spider leg kit.	SLK
Spider leg kit, green.	SLKG
50A receptacle cover plate.	HBL77CM74WO



HUBBELL[®] Wiring Device-Kellems

Features and Benefits

Temporary Power Distribution Boxes and Temporary Power Cables

- Durable Hi visibility yellow powder coated steel construction
- Hubbell 50 Amp Twist-Lock® receptacle and inlet
- Six 20 Amp straight blade or Twist-Lock[®] covered receptacles
- Individual GFCI modules
- NEMA 3R Enclosure
- Save space in the warehouse and on the truck with nesting leg design



TPDL – Twist-Lock[®] TPDS – Straight Blade



TPC50 – 50' Cable TPC100 – 100' Cable

Temporary Power Distribution Boxes

			Receptacle	Protecti	on	
Rating	Туре	Qty	Rating	Overload	GFI	Catalog Number
50A, 120/240V AC	Twist-Lock®	6	20A, 125V	Yes	Yes	TPDL
(Maximum)	Twist-Lock [®]	1	30A, 250V	Yes	No	
	Twist-Lock [®] (Inlet)	1	50A, 125/250V	No	No	
	Twist-Lock [®] (Outlet)	1	50A, 125/250V	No	No	
50A, 120/240V AC	Straight Blade	6	20A, 125V	Yes	Yes	TPDS
(Maximum)	Twist-Lock [®]	1	30A, 250V	Yes	No	
	Twist-Lock [®] (Inlet)	1	50A, 125/250V	No	No	
	Twist-Lock [®] (Outlet)	1	50A, 125/250V	No	No	

Temporary Power Cables

				Weatherproof	
Rating	CableType	Length Male Device	Female Device	Boot	Catalog Number
50A, 125/250V	6/3, 8/1	50 ft. CS6365L	CS6364L	No	TPC50
50A, 125/250V	6/3, 8/1	100 ft. CS6365L	CS6364L	No	TPC100

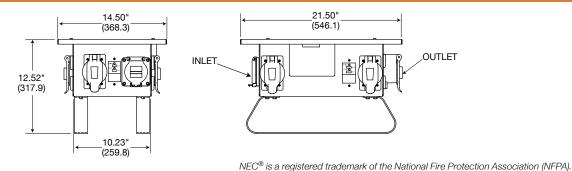
Specifications

Dimensions

Boxes	
Listings/Certifications Operation Enclosure Type	UL 1640, UL 943 Indoor and outdoor wet and dry locations 3R, rainproof, suitable for use in damp locations NEC [®] . ANSI/NFPA 70
Code Compliance	NEC°, ANSI/NFPA 70

Cables

Listings/Certifications Operation Connectors: UL/CSA; Cable: MSHA Indoor and outdoor wet and dry locations



Dimensions in Inches (mm)



Heavy-Duty Portable Outlet Boxes and Cover Plates

Description	Catalog Number
Box with cord strain relief, with one blank cover plate.	HBLPOB1
Box with cord strain relief, with one blank cover plate, black.	HBLPOB1BK
Box with cord strain relief, with two duplex (indoor) cover plates.	HBLPOB1D
Box with cord strain relief, with two duplex (indoor), yellow cover plates.	HBLPOB1DY
Blank, non-metallic FS cover plate with foam gasket, gray.	HBLP14FS
Duplex, non-metallic FS cover plate, gray.	HBLP8FS
Duplex, non-metallic FS cover plate, yellow.	HBLP8FSY
Single receptacle (1.39"), non-metallic FS cover plate, gray.	HBLP7FS
Single receptacle (1.56"), non-metallic FS cover plate, gray.	HBLP720FS
Rectangular opening, non-metallic FS cover plate, gray.	HBLP26FS

Other Cover Plates and Devices

which may be used with Heavy-Duty Portable Outlet B	loxes
Description	Catalog Number
Duplex cover plate, weatherproof. Single receptacle (1.39") cover plate, weatherproof. Single receptacle (1.56") cover plate, weatherproof. Safety-Shroud Twist-Lock [®] surface receptacles.	HBL5221, HBL52CM21 HBL7423WO, HBL74CM23WO HBL7425WOA, HBL74CM25WOA HBL2310SR, HBL2320SR, HBL2330SR, HBL2610SR, HBL2620SR

Note: Standard product gray, CM yellow.

Deluxe Cord Grips Straight Male Thread

Nylon Fittings, Stainless Steel Mesh, Liquidtight, for Insulated Cables

Grip Diameter Range Inches (cm)	Thread Size NPT (inches)	Form Size	Catalog Number
.375"500" (.95-1.27)	3⁄4"	F3	074011335
.500"625" (1.27-1.59)	³ ⁄4"	F3	074011336
.625"750" (1.59-1.90)	3⁄4"	F3	074011337

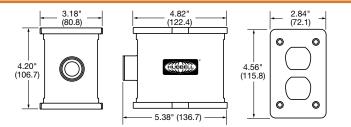
Gray Nylon Cord Connector Straight Male Thread

anay Hylon oora oon	lootor otraight maio	mouu	
Grip Diameter Range	Thread Size	Form	
Inches (cm)	NPT (inches)	Size	Catalog Number
.375"500" (.95-1.27)	3⁄4"	F3	SHC1035CR
.500"625" (1.27-1.59)	3⁄4"	F3	SHC1036CR
.625"750" (1.59-1.90)	3⁄4"	F3	SHC1037CR

Specifications for Heavy-Duty Portable Outlet Boxes and Cover Plates

UL Listed UL514C, UL467 and UL50 Enclosures Types 1, 3R. CSA Certified C22.2 No. 18 and C22.2 No. 94 Enclosures Types 1, 3R and C22.2 No. 0.4 (Impedance). Box Specifications: Wet and damp locations, Enclosure Type 3R when used with weatherproof Moisture Resistance cover plates. Dry, indoors locations, Enclosure Type 1 with all other cover plates. Flammability UL94V-0, 94-5VA classification. Operating Temperature 80°C maximum; -35°C minimum. UV Resistance All materials are UV stabilized. in accordance with UL514C, UL50, C22.2 No. 18 and C22.2 No. 94. Impact and Crush Resistance Valox[®]. Material Cord Connector Materials Nylon nut; Nylon Gotcha® ring; Neoprene grommet. Cord Diameter Range .38" to .75" diameter. Brass. Bonding Strap Material Threaded Inserts Brass. Grounding Screw Material Brass. Indoor Cover Plate Screws Material Zinc Plated Steel. Outdoor Cover Plate Screws Material Stainless Steel. Cover Plate Gasket Material UL recognized closed-cell foam (aging and oil resistant).

Dimensions



HBLPOB1

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

Dimensions in Inches (mm)









Deluxe Cord Grips (purchased separately)



Gray Nylon Cord Connector



Features and Benefits

Construction Site Lighting

Hubbell's outdoor approved construction site lighting line includes both heavy duty metal halide lights and light strings for working in rugged environments. The metal halide fixtures feature extremely strong and compact heads with bulbs rated to last 10,000 hours. All frames are powder-coated yellow for safety and are constructed of a durable 1.25 inch, 12 gauge steel tube.

We have light strings for all applications in a variety of models as well as a choice of metal or plastic guards. Light sockets are spaced 10 feet apart and all sockets, plugs, and connectors are molded for added durability. In addition, the highly impact-resistant material makes for easy transportation and storage when not in use. Bulbs can be incandescent, fluorescent or LED. Consider choosing LED lighting for a durable bulb that saves energy, provides instant illumination and are rated to last 50,000 hours.





Metal Halide and LED Lights

			Lumen	Cord	
Description	Rating	Watts	Output	Length	Catalog Number
5 -10 ft. metal halide cart light with portable detachable ballast	15A 125V	1,000	110,000	_	HBLMH1000
6 -12 ft. metal halide cart light	15A 125V	2,000	220,000	-	HBLMH2000
High bay metal halide light with wire guard	15A 125V	400	29,000	3 ft.	HBLMHHB400
High bay LED light with wire guard	15A 125V	120	14,000	5 ft.	HBLLEDHB120

LED Stringer Lights

HBLMH1000	Description	No. of Fixtures	Rating	Cord Type	Lumen Output	Cord Length	Catalog Number
14	90 LEDs per fixture, light string with magnetic base included	1	15A 125V	18/2 SJTW	450*	20 ft.	HBL182S20LED
	90 LEDs per fixture, light string	5	15A 125V	18/2 SJTW	450*	50 ft.	HBL182S50LED
E Va		10	15A 125V	18/2 SJTW	450*	100 ft.	HBL182S100LED
[書]	60 LEDs per fixture, light string with magnetic	1	15A 125V	18/2 SJTW	1,100*	20 ft.	HBL182S20LEDH
目目	base included	5	15A 125V	18/2 SJTW	1,100*	50 ft.	HBL182S50LEDH
BLMHHB400	28W High power LED light string with inline ON/OFF switch	—	15A 125V	16 AWG SJTOW	2,928	6 ft.	HBLLS2834
-	Magnetic clip bracket for LED	_	_	_	_	_	HBLSTMC
Common Common	Note: *Lumens per fixture						

Rating

Cord Type

Note: *Lumens per fixture.

Fluorescent Light Strings

Description

A Type (Edison) Twist-Lock[®] and Straight Blade Light Strings



HBL182S50LEDH



Twist-Lock[®] light string; plastic guards 150 20A 125V 100 ft. HBL123S100PT 12/3 STW 20A 125V 150 12/3 STJW 10 100 ft. HBL123SJ100PT Twist-Lock[®] light string; metal guards 150 20A 125V 12/3 STW 10 100 ft. HBL123S100MT Straight Blade light string; plastic guards 150 15A 125V 14/2 STJW 10 100 ft. HBL142SJ100PS 150 15A 125V 12/3 STW 10 100 ft. HBL123S100PS 150 15A 125V 12/3 STJW 10 100 ft. HBL123SJ100PS Straight Blade light string; metal guards 150 15A 125V 12/3 STW 10 100 ft. HBL123S100MS 15A 125V Straight Blade light string; plastic guards 5 50 ft. HBL123S50PS 150 12/3 STW Straight Blade light string; metal guards HBL123S50MS 150 15A 125V 12/3 STW 5 50 ft. Replacement plastic guard for temporary HBLSTPG light strings HBLSTMG Replacement heavy duty metal guard for _ _ _ temporary light strings

Max Watts**

HBL142SJ100PS

Note: **Max watts per fixture. HBL142SJ100PS light strings are rated for 1875 Watts total. The total wattage must be considered when daisy chaining lights strings to each other.

HBLFS2549 Straps not Show

P	Description	Wattage	Rating	Cord Type	Lumen Output	Cord Length	Catalog Number
	Fluorescent light string, 34.5" single fixture with hanging straps	50	15A 125V	16 AWG SJTOW	3,750	6 ft.	HBLFS5035
} wn	Fluorescent light string, 48.5" single fixture with hanging straps	25	15A 125V	16 AWG SJTOW	2,125	6 ft.	HBLFS2549

Cord

Length Catalog Number

Fixtures

10



Description	Outlet Rating	Rating	Wattage	Lumen Output	Cord Type	Cord Length	Catalog Number
LED Industrial maintenance light, 1 vertical hanging hook included	N/A	15A 125V	20	2400	16/3 SJEOW	25 ft.	HBLML2825L
LED worklight with end light feature	N/A	15A 125V	9	920/120	18/2 SJTOW	25 ft.	HBLWL25LED
LED worklight with end light feature and tool tap	12 Amp	15A 125V	9	920/120	16/3 SJTOW	25 ft.	HBLWL25LEDT

Fluorescent Maintenance Worklights

	-						
Description	Outlet Rating	Rating	Wattage	Lumen Output	Cord Type	Cord Length	Catalog Number
Fluorescent worklight with straight blade plug	N/A	15A 125V	13	825	16/3 SJTOW	25 ft.	TW25F1
Fluorescent worklight with Twist-Lock [®] plug and tool tap	12 Amp	20A 125V	13	825	16/3 SJTOW	25 ft.	TW25F2
Fluorescent maintenance light, 34.5 in., one vertical hanging hook included	N/A	15A 125V	50	3750	16/3 SJEOW	25 ft.	HBLML5025
Fluorescent maintenance light, 48.5 in.	N/A	15A 125V	25	2125	16/3 SJEOW	25 ft.	HBLML2525
Fluorescent worklight, 45 in., 2 horizontal plastic hangers, 1 attached metal hanging hook included	N/A	15A 125V	25	2125	16/3 SJTOW	25 ft.	HBLWL2525

Accessories and Replacement Items

Description	Catalog Number
Magnetic mounting bracket for ML style lights, 82 lb. capacity	HBLMLMM
Magnetic mounting bracket for WL style lights, 58 lb. capacity	HBLWLMM
Replacement rough service fluorescent bulb for 13 watt style lamps	HBLREPPFB
Metal halide replacement bulb, 400 watts	HBLREP400MH
Metal halide replacement bulb, 1,000 watts	HBLREP1000MH
Replacement LED panel fixture, 90 LEDs, 450 lumen	HBLREP450LED
5 base LED string only, 50 ft., 18/2	HBLREP182S50
10 base LED string only, 100 ft., 18/2	HBLREP182S100





Explosion Proof/Confined Space Lighting









Hazardous Location Lights

Description	Wattage	Lumen Output	Cord Type	Cord Length	Catalog Number
Fluorescent, Class 1, Div 1 Groups C & D, Class 2, Div 1 Groups F & G, 12V, inline transformer	26	1800	16/3 SOW	60 ft.	HBLXF6012V
Incandescent, Class 1, Div 1, Groups C & D, 12V, inline transformer	75	720	16/3 SOW	60 ft.	HBLXI6012V
Fluorescent, Class 1, Div 1 Groups C & D, Class 2, Div 1 Groups F & G, 120V, less plug	26	1800	16/3 SOW	50 ft.	HBLXF50120V
Incandescent, Class 1, Div 1 Groups C & D, 120V less plug	100	1230	16/3 SOW	50 ft.	HBLXI50120V
Fluorescent, non-explosion proof, wet location, 12V, inline transformer	13	825	18/2 SJTOW	60 ft.	HBLWT6012V









20 P

HBLWL2525

HBLXF6012V



HBLXI6012V





eSpec Sheets Available Online



Pre-Wired Portable Outlet Boxes, Worklights and Accessories



SPB1



SPB2







Pre-Wired Portable Outlet Boxes

Description	Catalog Number
25 ft. with 2-15A, 125V, straight blade single receptacles and 1-15A, 125V straight blade plug and boot.	SPB1
25 ft. with 2-20A, 125V, Twist-Lock [®] single receptacles and 1-20A, 125V Twist-Lock [®] plug and boot.	SPB2

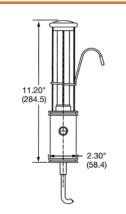
Worklights and Accessories

Description	Catalog Number
Temporary low voltage worklight with cigarette lighter plug, 20 ft. cord.	TWLV20F
Portable battery pack and charger for TWLV20F worklight.	TWBP
Non-metallic temporary worklight hook.	тwн

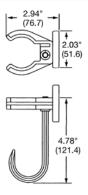
Specifications

Listing/Certification	UL298 and cUL Portable Electric Hand Lamps.
Environment	Dry, indoor locations.
Fluorescent Lamp	13 watt twin tube only.
Battery Pack and Charger	
Environment	Indoor and outdoor dry locations.
Fluorescent Lamp Life	Fully charged-5 hour approx.
Charge Time	Fully charged-16 hours approx.
Battery Rating	12 volt.

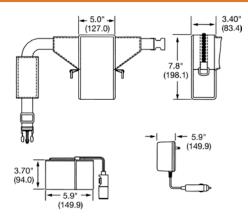
Light Fixture



Worklight Hook



Battery Pack and Charger



Dimensions in Inches (mm)