Hubbell Marine Products

HUBBELL
1888 2008 ®
Wiring Device-Kellems

New Marine Products

30 amp and 50 amp Cable Sets with High Intensity LED Indicator Lights
Hubbell now offers 30 amp and 50 amp cable sets with LED indicator lights, in both Yellow and White. The 30 amp cable sets have a bright, durable, green LED that indicates power is on. The high-intensity green LED is visible - even in bright sunlight, and is enclosed in Hubbell's fully-molded design for superior waterproofing and exceptional durability. The 50 amp cable sets are available with TWO high-intensity LEDs. The bright green LED indicates "power-on" as in our 30 amp cable sets while the red LED, when lit, indicates there is an incorrect wiring condition at the power source that requires immediate attention. Now, you can have the very latest in (50 amp) marine cable set technology - from Hubbell - the quality leader in Marine Electrical Shore Power Products.

100 amp 3-phase 277/480 Volt Pin and Sleeve Offering
Hubbell has added a line of 4 Pole, 5 Wire 100 amp 277/480 volt Pin and Sleeve ship-to-shore devices. Made of yellow Zytel® super tough nylon, the UV-stabilized, high-visibility housings provide increased safety and abuse-resistance and are fully watertight when properly installed and mated - providing years of reliable service.

YQ100PLUS Adapter
Hubbell Marine's newly redesigned 100 amp "intelligent" adapter can now safely power a boat's 100 amp 125/250 volt AC shore power cable set from two 50 amp 125/250 volt AC receptacles at dockside, achieving 100 amp 250 volts - OR - from a single 50 amp 125/250 volt AC receptacle, acting as a single adapter , and achieving 50 amp 125/250 volts, when only one such outlet is available. We have also managed to build all of this latest technology into a much smaller, NEMA 4X watertight enclosure with LED indicator lights that check for polarity and proper wiring conditions. The newly redesigned, smaller YQ100PLUS allows for safe power from dual 50 amp 125/250 volt receptacles or a single 50 amp 125/250 volt receptacle - another first from Hubbell - the quality leader in Marine Electrical Shore Power Products.

TV-Only Ship-to-Shore Inlet
Hubbell now offers a TV-Only ship-to-shore inlet for boats that no longer require the telephone connection. With the rising use of cell phones, etc. Hubbell now makes an inlet with only the TV connection, allowing the boat manufacturer to eliminate the cost of the internal phone wiring infrastructure that is often times no longer needed. The TV-Only inlet is available in traditional stainless steel styling to match the stainless steel shore power inlets on board.

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

New Marine Products

200 amp 600 volt AC Pin and Sleeve Ship-to-Shore Devices
Another Hubbell Marine first- Hubbell Marine is proud to offer the ONLY 200 amp rated, marinized, UL Listed 200 amp ship-to-shore system. As the size of the mega-yachts continue to grow, along with the ever-increasing demand for more power on board, Hubbell Marine continues to keep pace by offering a full line of 200 amp fittings, back boxes and accessories that are NEMA 4X rated for superior water resistance and is fully interchangeable with UL1686 configured and listed devices as Crouse-Hinds® Arktite® or Appleton® Powertite® systems when installed in accordance with instructions furnished with each device.

200A Pin and Sleeve Ship-to-Shore . . . . pages 20 & 21

Tamper Resistant and Weather Resistant Duplex Receptacles TR and WR/TR Rated
Hubbell Marine now offers a wide variety of receptacles and switches for indoor and outdoor applications. Available in Style Line® Decorator-type and standard duplex type, these new receptacles comply with new tamper-resistant (TR) requirements and with new weather and tamper-resistant requirements (WR & TR) as defined by the 2008 National Electrical Code Article 406.8 - for use in damp and wet locations. See page iv for additional technical information.

TR and WR/TR Receptacles . . . . page 38

Hubbell now offers the ability to put 2 or 3 Communication Devices in a single, Style Line® plate
Any combination of phone (6-position jack), cable TV (F-type connector) and Category 5e modular data jacks can be assembled onto a 2-port or 3-port frame—each sold individually so you can customize them as needed. Or the highly popular phone and cable TV combination is available with the frame and matching wallplate under a single catalog number, in all the popular colors. Finally—a single communications plate that can take the place of 2 or 3 plates—available from a company you can trust for superior quality.

Hubbell's Marine communication frames and connectors deliver high quality data and multimedia transmission to the point of connection. Hubbell's 2 and 3-port Style Line® frames and leading edge connections allow for customized configurations. Install Hubbell's Marine communication offering and be assured a reliable connection.

Communication Devices . . . . page 41

Marine Grade Outlet Box While-In-Use Weatherproof Covers
Hubbell Marine now offers in-use marine grade outlet box covers that can accommodate Duplex, GFCI, Toggle Switch and Single Receptacles. These outlet box covers can be mounted horizontally or vertically and are made of a rugged, gray polycarbonate compound. UL listed and NEMA 3R rated, these covers meet the new National Electrical Code requirements for while-in-use outdoor power distribution and provide maximum in-use protection.

While-In-Use Weatherproof Covers . . . . page 42

Marine Products
2008 NEC Receptacle Code Compliance and General Information

New
Tamper-Resistant
Duplex Receptacles

Comply with NEC 406.11
Comply with NEC 210.52

All 125V, 15A and 20A receptacles shall be listed tamper-resistant receptacles per NEC Article 406.11, "Tamper-Resistant Receptacles in Dwelling Units".

New
Weather-Resistant
Duplex Receptacles

Comply with NEC 406.8(A)

All 125V and 250V, 15A and 20A receptacles shall be listed as weather resistant type per NEC Article 406.8, "Receptacles in Damp and Wet Locations".

Tamper Resistant   **Weather Resistant**

These symbols appear in this catalog for easy identification.

What Do These Code Requirements Mean?

Interior

Tamper-Resistant (TR) receptacles incorporate internal mechanisms to limit access to energized internal components.

This new TR requirement is mandatory for use in dwelling unit outlets. There are also many other applications where the use of TR receptacles can provide an additional level of electrical safety.

Weather-Resistant (WR) receptacles installed outdoors and in other wet and damp locations are subject to more demanding temperature variations, direct sunlight and unusual mechanical abuse than those in a typical dry environment. Hubbell's WR receptacles are designed to withstand these environments and conditions.

Washdown Areas

Exterior

Marinas/Docks

Industrial and Commercial Wiring Devices and Systems
Residential Products
Kellems Wire Management Products
Marine Products

MEMBER

Setting Standards for Excellence

National Electrical Manufacturers Association

NEMA promotes the competitiveness of its member companies by providing a forum for the development of technical standards that are in the best interests of the industry and the users of its products.

NAED ASSOCIATE

National Association of Electrical Distributors

Since 1908, NAED has served as the trade association for the electrical distribution industry.
To be an NAED associate member, your company must be a manufacturer or value-added reseller.

RoHS

Restriction of Hazardous Substances

The RoHS Directive stands for "the restriction of the use of certain hazardous substances in electrical and electronic equipment".

ISO 9001 : 2001

QMI
REGISTERED

International Organization for Standardization

ISO (International Organization for Standardization) is the world's largest developer and publisher of International Standards.

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50 Amp Cable Set

100 Amp Cable Sets and Devices

Twist-Lock® Devices

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50A **125V AC** **2 Pole** **3 Wire** Pages 10-11, 14	HBL503NM · HBL503RI · HBL503SS · HBL63CM60 · HBL77CM15 / HBL77CM15W
50A **125/250V AC** **3 Pole** **4 Wire** Pages 12-14	HBL504NM · HBL504RI · HBL504SS · HBL63CM64 · HBL77CM15 / HBL77CM15W
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Portable **Telephone** **Cable** **TV** Pages 26-27	HBLPHTVNM · HBLPHTVRI · HBLPHTVSS · HBLTVSS · PH6624 · PH7440

Marine Products
Ship-to-Shore Selection Chart - Dockside

YC310250 - 280' (85.3m) Yellow cable only.
WC310280 - 280' (85.3m) White cable only.

HBL61CM08 & HBL61CM08LED   - 50' (15.2m)
HBL61CM05 & HBL61CM05LED   - 35' (10.7m)
HBL61CM03 & HBL61CM03LED   - 25' (7.6m)
HBL61CM08W & HBL61CM08WLED - 50' (15.2m)
HBL61CM03W & HBL61CM03WLED - 25' (7.6m)

HBL60CM31
HBL60CM31W　　**HBL26CM11**　　**HBL26CM10**　　**HBL74CM25WOA**
HBL74CM25WOAW

YC306250 - 250' (76.2m) Yellow cable only.

HBL61CM53 & HBL61CM53LED   - 50' (15.2m)
HBL61CM53W & HBL61CM53WLED - 50' (15.2m)
HBL61CM43 & HBL61CM43LED   - 25' (7.6m)

HBL77CM16
HBL77CM16W　　**HBL63CM61**　　**HBL63CM70**　　**HBL77CM74WO**

YC406250 - 250' (76.2m) Yellow cable only.

HBL61CM52 & HBL61CM52LED   - 50' (15.2m)
HBL61CM42 & HBL61CM42LED   - 25' (7.6m)
HBL61CM52W & HBL61CM52WLED - 50' (15.2m)
HBL61CM42W & HBL61CM42WLED - 25' (7.6m)

HBL77CM16
HBL77CM16W　　**HBL63CM65**　　**HBL63CM69**　　**HBL77CM74WO**

CS1004   - 100' (30.4m) 4-Wire
CS754   - 75' (22.8m) 4-Wire
CS100IT4 - 100' (30.4m) 3-Wire
CS754IT4 - 75' (22.8m) 3-Wire

CW125IT4 - 125' (38.0m) One-ended cable set for winches.
CW100IT4 - 100' (30.4m) One-ended cable set for winches.
CW754   - 75' (22.8m) One-ended cable set for winches.
CS50EXT4 - 50' (15.2m) Extension cord.

M4100P12　　**M4100C12**　　**M4100R12**

CS100IT5 - 100' (30.4m) 4-Wire
CS75IT5 - 75' (22.8m) 4-Wire

CW125IT5 - 125' (38.0m) One-ended cable set for winches.
CW100IT5 - 100' (30.4m) One-ended cable set for winches.
CS50EXT5 - 50' (15.2m) Extension cord.

M5100P9　　**M5100C9**　　**M5100R9**
M5100P7　　**M5100C7**　　**M5100R7**

M5200PS1　　**M5200CS1**　　**M5200RS1**

PH6630 - 250' (76.2m) Yellow cable only.
PH6599 - 50' (15.2m)
PH6598 - 25' (7.6m)
PH6599W - 50' (15.2m)
PH6598W - 25' (7.6m)

75 Ohm TV Cable.
TV99 - 50' (15.2m)
TV98 - 25' (7.6m)
TV99W - 50' (15.2m)
TV98W - 25' (7.6m)

PH7440　　**PH6625**　　**TV97**　　**PH6597TV**　　**PH6597**

Marine Products
30 Ampere, 125 Volt Cable Set
Features and Benefits

UL Listed.

Available in 25, 35 and 50 foot lengths.

Jute fillers inside jacket for maximum cable flexibility. Hubbell cable coils neater, lighter, lays flatter.

Molded flexneck adds life to cable set by helping to prevent right-angle cable damage and pullout.

Strain relief bull ring protects against stress and strain on the conductors caused by boat movement, crew traffic and rough handling.

Molded design totally encased in solid PVC material, for superior waterproofing and durability.

Exclusive copper crimp barrel termination provides protection against internal overheating and burnout compared to brass crimps. These copper crimps are the same type used by power companies. The result: tighter connections, better conductivity and longer life.

Locking ring assures proper alignment of connector to inlet for complete contact and waterproofing. Prevents accidental disengagement.

Line-up notches to indicate: Locked - Unlocked.

Arrow indicating lock position.

Arrow with ground symbol allows lining up with ground of receptacle.

New improved styling.

Arrow indicating unlock position.

Note: Cable sets must be fully extended before using.

HUBBELL **Wiring Device-Kellems**   www.hubbell-wiring.com   *Dimensions in Inches (mm)*

Marine Products
30 Ampere, 125 Volt Twist-Lock® Devices
2 Pole 3 Wire
Ship-to-Shore Devices

IP56 SUITABILITY   Inlets Only.

30A 125V
NEMA L5-30R
UL/CSA

30A 125V Ship-to-Shore Devices

Description	Catalog Numbers
Stylized UV resistant non-metallic shore power inlet has white Centrex cover which makes unit weatherproof when completely closed. Interior has easy-to-wire terminations and is transparent for quick and easy visual inspection. Mounting holes are 2.38 in. (60.3) on centers and match existing mounting patterns. Mounting screws and gasket included. Protective rear enclosure/strain relief also included.	HBL303NM
Stylized type 316 stainless steel shore power inlet has easy to use push-button latch that makes unit watertight when fully engaged. Interior has easy-to-wire terminations and is transparent for quick and easy visual inspection. Mounting holes are 2.38 in. (60.3) on centers and match existing mounting patterns. Mounting screws and gasket included. Protective rear enclosure/strain relief also included.	HBL303SSBL ∆
Traditional, stainless steel shore power inlet has new easy-to-wire terminations. Interior is transparent for quick and easy visual inspection. Interior is shielded from the elements by a gasketed, self-closing cover, watertight when cover is screwed in place. Mounting holes are 2.38 in. (60.3) on centers. Mounting screws and gasket included. Protective rear enclosure/strain relief also included.	HBL303SS
Traditional stainless steel inlet housing; blank for attaching a circuit breaker (not included). Mounting hardware for Carling series breakers included.	HBLCBISS
Stylized non-metallic inlet housing; blank for attaching a circuit breaker (not included). Mounting hardware for Carling series breakers included.	HBLCBINM
Protective rear cover. Fits all 30A shore power inlets. Secures to back of inlets with 3 screws which are provided.	SR3050**
Replacement interior for HBL303SS and 60CM61 shore power inlets.	HBL303INT
Nickel plated brass adapter plate for mounting chrome plated brass shore power inlets to FS/FD box.	HBL60CM75
Traditional Stainless steel power outlet has gasketed, self-closing cover, watertight when cover is screwed in place. Mounting holes are 2.38 in. (60.3) on centers. Mounting screws and gasket included.	HBL303SSO

*Notes: ** Not UL/CSA.*
∆ To be discontinued when present stocks are exhausted.

HBL303NM
HBL303SSBL
HBL303SS
HBLCBINM
HBL303SSO

30A 125V Traditional Stainless Steel Inlets

Base and cover are #316 type stainless steel for strength and corrosion resistance.

Self-closing cover assures the interior is shielded from the elements when the inlet is not in use.

Neoprene gasket on underside of cover. For sealing when the cover is closed.

Contact blades are nickel plated brass for corrosion resistance.

New, easy-to-wire interior is transparent for quick, visual inspection of terminations and high-heat resistance.

Threaded base for making a watertight seal. When in use, it mates to the threaded ring of the weatherproof cover on the connector body. When not in use, it mates to the threaded cover.

Mounting holes are 2⅜ in. (60.3) on center.
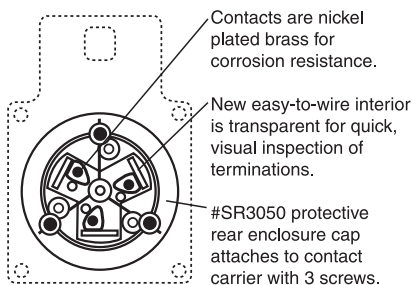
Contacts are nickel plated brass for corrosion resistance.

New easy-to-wire interior is transparent for quick, visual inspection of terminations.

#SR3050 protective rear enclosure cap attaches to contact carrier with 3 screws.

Marine Products

30 Ampere, 125 Volt AC Cable Sets and Bulk Cable
2 Pole 3 Wire
Ship-to-Shore Devices

Our 30A, 125V cable set is packed with high performance details from end to end that make a real difference. Completely factory pre-wired with molded-on devices. Designed to coil easily and lie flat.

C **UL** US LISTED
MARINE
(Cable Sets)

IP56
SUITABILITY
(Boatside)

G   W
30A 125V
NEMA L5-30R

HBL61CM08

YC310250

30A 125V Shore Power Cable Set

Description	Catalog Numbers
Yellow 50 ft. (15.2m) vinyl jacketed shore power cable set. #10 AWG is factory pre-wired with molded-on devices. Connector end has non-metallic threaded sealing ring which makes inlet/connector interface watertight.	HBL61CM08
Same as HBL61CM08 except 35 ft. (10.7m) in length.	HBL61CM05
Same as HBL61CM08 except 25 ft. (7.6m) in length.	HBL61CM03
Same as HBL61CM08 except in white.	HBL61CM08W
Same as HBL61CM03 except in white.	HBL61CM03W
Yellow 250 ft. (76.2m) three conductor, #10 AWG type STW, PVC jacketed portable cord with jute fillers for added flexibility. Ideal for making cable sets, extension cord, and adapters that will not mark boat's deck. 250 ft. (76.2m) lengths only.	YC310250
White 280 ft. (85.3m) three conductor, #10 AWG type STW, PVC jacketed portable cord with jute fillers for added flexibility. Ideal for making cable sets, extension cord, and adapters that will not mark boat's deck. 280 ft. (85.3m) lengths only.	WC310280
Replacement non-metallic sealing ring for 30A cable sets and boots. Not UL Listed.	RPL30P

HUBBELL® *Wiring Device-Kellems*   www.hubbell-wiring.com   *Dimensions in Inches (mm)*

Marine Products
30 Ampere, Cable Set with High Intensity LED "Power-On" Indicator
Ship-to-Shore Cable Sets

NEW

- Bright, durable, LED (green) indicates "power-on".
- High intensity LED is visible—even in bright sunlight.
- Totally molded design for superior waterproofing and durability.
- Exclusive copper crimp barrel terminations for tighter connections and longer life.

Bull ring for added strain relief.

**Exclusive crimp termination for longer life.**

MARINE c(UL)US LISTED

IP56 SUITABILITY (Boatside)

30A 125V NEMA L5-30R UL/CSA

30A Shore Power Cable Set with LED "Power-On" Indicator

Description	Catalog Numbers
Yellow 50 ft. (15.2m) vinyl jacketed shore power cable set. #10 AWG is factory pre-wired with molded-on devices. Connector end has non-metallic threaded sealing ring which makes inlet/connector interface watertight.	HBL61CM08LED
Same as HBL61CM08LED except 35 ft. (10.7m) in length.	HBL61CM05LED
Same as HBL61CM08LED except 25 ft. (7.6m) in length.	HBL61CM03LED
Same as HBL61CM08LED except in white.	HBL61CM08WLED
Same as HBL61CM05LED except in white.	HBL61CM05WLED
Same as HBL61CM03LED except in white.	HBL61CM03WLED
Replacement non-metallic sealing ring for 30A cable sets and boots. Not UL Listed.	RPL30P
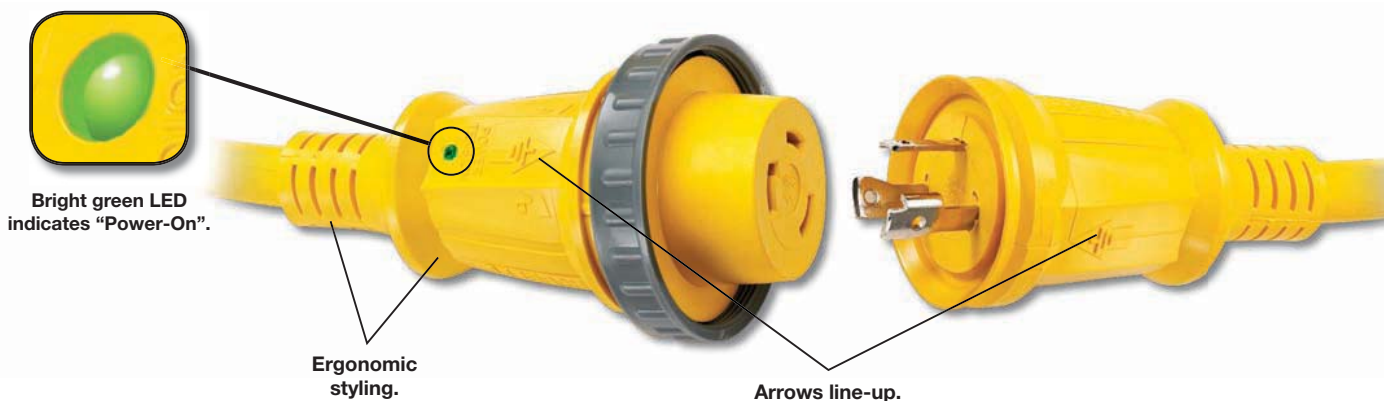
Bright green LED indicates "Power-On".

Ergonomic styling.

Arrows line-up.

Marine Products
30 Ampere, 125 Volt Twist-Lock® Devices
2 Pole 3 Wire
Ship-to-Shore Devices

HBL26CM10

HBL26CM11

HBL60CM31

HBL26CM13

HBL60CM33

HBL60CM32

30A 125V
NEMA L5-30R
UL/CSA

30A 125V Ship-to-Shore Devices

Description	Catalog Numbers
Yellow single receptacle has Rynite® body and abuse resistant nylon face. **IP20 SUITABILITY.**	**HBL26CM10**
Yellow Insulgrip® plug has rugged nylon housing and cord grip with range of .36–.93 in. (9–24) that utilizes a unique offset jaws arrangement to provide secure strain relief. **IP20 SUITABILITY.**	**HBL26CM11**
Yellow Seal-Tite® cover for weatherproofing HBL26CM11 plugs. **IP55 SUITABILITY**. Note: Fits Insulgrip devices only.	**HBL60CM31+**
White Seal-Tite cover for weatherproofing HBL26CM11 plugs. **IP55 SUITABILITY**. Note: Fits Insulgrip devices only.	**HBL60CM31W+**
Yellow Insulgrip connector body has rugged nylon housing and cord grip with range of .36–.93 in. (9–24) that utilizes a unique offset jaws arrangement to provide secure strain relief.	**HBL26CM13**
Yellow Seal-Tite cover for weatherproofing HBL26CM13 connector bodies when used with shore power inlets. Threaded sealing ring makes connection watertight. Also for weatherproofing HBL26CM11 plug when used with HBL303SSO power outlet. **IP56 SUITABILITY**. Note: Fits Insulgrip devices only.	**HBL60CM33+**
White Seal-Tite cover for weatherproofing HBL26CM13 connector body when used with shore power inlets. Threaded sealing ring makes connection watertight. Also for weatherproofing HBL26CM11 plug when used with HBL303SSO power outlet. **IP56 SUITABILITY**. Note: Fits Insulgrip devices only.	**HBL60CM33W+**
Yellow Seal-Tite cover for weatherproofing HBL26CM13 connector bodies when used on extension cords or adapters. **IP55 SUITABILITY**. Note: Fits Insulgrip devices only.	**HBL60CM32+**
Yellow polycarbonate spring-loaded lift cover for weather-proofing old style 26CM10 receptacle. Meets the most stringent requirements of UL's three listing categories for weatherproof plates. Stainless steel screws and neoprene gasket included for mounting to FS/FD type weatherproof boxes. **IP44 SUITABILITY.**	**HBL74CM24WO****
Same as HBL74CM24WO except gray in color. **IP44 SUITABILITY.**	**HBL7424WO****
Yellow polycarbonate spring-loaded lift cover for weather-proofing HBL26CM10 receptacle. Meets the most stringent requirements of UL's three listing categories for weatherproof plates. Stainless steel screws and neoprene gasket included for mounting to FS/FD type weatherproof boxes. **IP44 SUITABILITY.**	**HBL74CM25WOA****
Same as HBL74CM25WOA except white in color. **IP44 SUITABILITY.**	**HBL74CM25WOAW**
Same as HBL74CM25WOA except gray in color. **IP44 SUITABILITY.**	**HBL7425WOA****
Stainless steel wall plate for old 26CM10.	**SS725**
Stainless steel wall plate for new HBL26CM10.	**SS720**

*Notes: ** See page 43 for photo.*
+ Boots are not UL listed.

Rynite® is a registered trademark of E. I. DuPont.

Marine Products
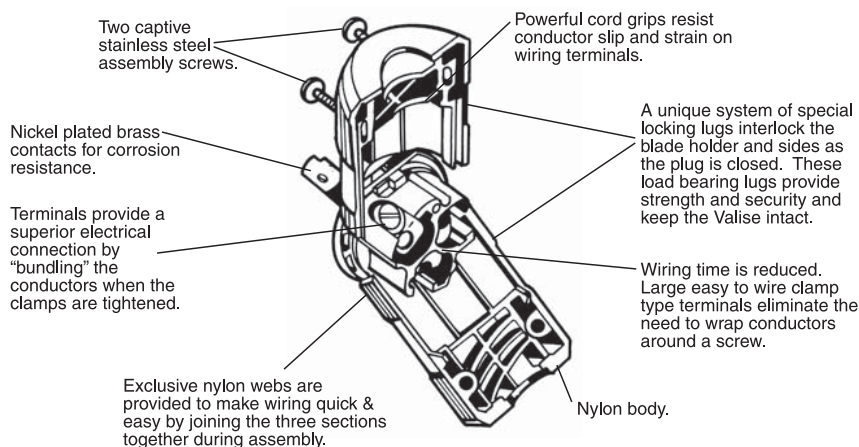# 30 Ampere, 125 Volt Twist-Lock® Devices
2 Pole 3 Wire
Ship-to-Shore Devices

Plugs and connectors only.

30A 125V Ship-to-Shore Devices

30A 125V
NEMA L5-30R
UL/CSA

Description	Catalog Numbers
Yellow Valise® plug has one-piece nylon housing and assembles easily with two screws. Built-in cord grip has range of .59–.93 in. (15.0–23.6). **IP20** SUITABILITY.	**HBL26CM11V**
Black Valise plug for use on bass boats with trolling motor. One-piece nylon housing assembles easily with two screws. Built-in cord grip has a range of .59–.93 in. (15.0–23.6). **IP20** SUITABILITY.	**HBL26CM11VB**
Yellow Seal-Tite® cover for weatherproofing HBL26CM11V plugs. **IP55** SUITABILITY. Note: Fits Valise devices only.	**HBL60CM31V+**
Yellow Valise connector body has a one-piece nylon housing and assembles easily with two screws. Built-in cord grip has range of .59–.93 in. (15.0–23.6). **IP20** SUITABILITY.	**HBL26CM13V**
Yellow Seal-Tite cover for HBL26CM13V connector body when used with shore power inlets. Threaded sealing ring makes connection watertight. **IP56** SUITABILITY. Note: Fits Valise devices only.	**HBL60CM33V+**
Yellow Seal-Tite cover for weatherproofing HBL26CM13V connector bodies when used on extension cords or adapters. **IP55** SUITABILITY. Note: Fits Valise devices only.	**HBL60CM32V+**
Replacement non-metallic sealing ring for 30A cable sets and boots. Not UL listed.	**RPL30P**

Note: + Boots are not UL listed.

HBL26CM11V

HBL26CM11VB

HBL60CM31V

HBL26CM13V

RPL30P

Valise® Plug

Two captive stainless steel assembly screws.

Powerful cord grips resist conductor slip and strain on wiring terminals.

Nickel plated brass contacts for corrosion resistance.

A unique system of special locking lugs interlock the blade holder and sides as the plug is closed. These load bearing lugs provide strength and security and keep the Valise intact.

Terminals provide a superior electrical connection by "bundling" the conductors when the clamps are tightened.

Wiring time is reduced. Large easy to wire clamp type terminals eliminate the need to wrap conductors around a screw.

Exclusive nylon webs are provided to make wiring quick & easy by joining the three sections together during assembly.

Nylon body.

HBL60CM33V

HBL60CM32V

Marine Products
50 Ampere, 125 Volt Twist-Lock® Devices
2 Pole 3 Wire
Ship-to-Shore Devices

Inlets and connectors only.

HBL503NM

HBL503RI

HBL503SS

HBL63CM60

HBL77CM15

HBL77CM17

50A 125V

50A 125V Ship-to-Shore Devices

Description	Catalog Numbers
Stylized non-metallic shore power inlet has UV resistant white Centrex cover which makes unit weatherproof when completely closed. Interior has easy to wire terminals. Mounting holes are 2.38 in. (60.3) on centers and match existing mounting patterns. Mounting screws and gasket included. **IP56** SUITABILITY.	HBL503NM
Stylized type 316 stainless steel shore power inlet has easy to use push-button latch that makes unit watertight when fully engaged. Interior has easy to wire terminals. Mounting holes are 2.38 in. (60.3) on centers and match existing mounting patterns. Mounting screws and gasket included. **IP56** SUITABILITY.	HBL503RI Δ
Traditional stainless steel shore power inlet has gasketed, self-closing cover so interior is shielded from the elements when not in use. Watertight when cover is securely fastened. Mounting holes are 2.38 in. (60.3) on centers, and rear portion has 2.17 in. (55.1) diameter. Mounting screws and gasket included. **IP56** SUITABILITY.	HBL503SS
Protective rear cover. Fits all inlets except HBL503SS. Secures to back of inlets with 3 screws which are provided.	SR3050**
Replacement interior for HBL503SS and 63CM72 shore power inlets.	CR16277
Nickel plated brass connector body has heat resistant thermoset interior and combination metal and rubber cord grip provides superior strain relief capability. Cord grip range is .44–1.14 in. (11.1–29.0). **IP20** SUITABILITY.	HBL63CM60
Yellow Seal-Tite® cover for connector bodies when used with 50A shore power inlets. Threaded sealing ring makes connections watertight. **IP56** SUITABILITY.	HBL77CM15+
White Seal-Tite cover for connector bodies when used with 50A shore power inlets. Threaded sealing ring makes connections watertight. **IP56** SUITABILITY.	HBL77CM15W+
Nickel plated brass cord clamp assembly with clamp range of .44–1.14 in. (11.1–29.0) provides strain relief for terminations on shore power inlets.	HBL77CM67
Yellow Seal-Tite cover for weatherproofing 50A connector bodies on extension cords or adapters. **IP55** SUITABILITY.	HBL77CM17+

Notes: + Boots are not UL listed.
*   ** Not UL/CSA.*
*   Δ To be discontinued when present stocks are exhausted.*

50A Traditional Stainless Steel Inlets

Base and cover are #316 type stainless steel for strength and corrosion resistance.

Self-closing cover is friction tight to remain open while engaging cable set and shields the interior from the elements when the inlet is not in use.

Contact blades are nickel plated brass for corrosion resistance.

Neoprene gasket on underside of cover for sealing when the cover is closed.

Pressure screw terminals for secure terminations- clearly marked for easy identification.

Three screws "lock-in" the interior once it is in place.

Rear enclosure is nickel plated for corrosion resistance.

Thermoset contact carrier is arcing and heat resistant.

Threaded base for making a watertight seal. When in use, it mates to the threaded ring of the watertight cover on the connector body. When not in use, it mates to the threaded cover.

Marine Products
50 Ampere, 125 Volt Twist-Lock® Devices
2 Pole 3 Wire
Ship-to-Shore Devices

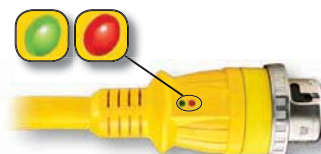Plugs and receptacles only.

50A 125V Ship-to-Shore Devices

50A 125V

Description	Catalog Numbers
Yellow 50 ft. (15.2m) vinyl jacketed shore power cable set. #6 AWG type STOW is completely factory pre-wired with molded-on devices. Connector end has threaded metallic sealing ring to make inlet/connector interface watertight. **IP56 SUITABILITY (BOATSIDE).**	HBL61CM53
Same as HBL61CM53 except with two high intensity LEDs.	HBL61CM53LED •
Same as HBL61CM53 except white.	HBL61CM53W
Same as HBL61CM53W except with two high intensity LEDs.	HBL61CM53WLED •
Same as HBL61CM53 except 25 ft. (7.6m) in length.	HBL61CM43
Same as HBL61CM43 except with two high intensity LEDs.	HBL61CM43LED •
Three conductor, #6 AWG type STOW, yellow PVC jacketed portable cord with jute fillers for added flexibility. Ideal for making cable sets, extension cords, and adapters will not mark boat's deck. 250 ft. (75.2m) lengths only.	YC306250
Nickel plated brass plug has heat resistant thermoset interior and combination metal and rubber cord grip, provides superior strain relief capability. Cord grip range is .44–1.14 in. (11.1–29.0). **IP20 SUITABILITY.**	HBL63CM61
Yellow Seal-Tite® cover for weatherproofing 50A plugs. **IP55 SUITABILITY.**	HBL77CM16+
White Seal-Tite cover for weatherproofing 50A plugs. **IP55 SUITABILITY.**	HBL77CM16W+
Single receptacle has a heat-resistant thermoset base. **IP20 SUITABILITY.**	HBL63CM70
Yellow Valox® lift cover for weatherproofing 50A receptacles. Meets requirements of the most stringent of UL's three listing categories for weatherproof plates. Stainless steel screws and a neoprene gasket included. For mounting to FS/FD type weatherproof boxes. **IP44 SUITABILITY.**	HBL77CM74WO
Same as HBL77CM74WO except gray in color. **IP44 SUITABILITY.**	HBL7774WO
Stainless steel wall plate for 50A receptacle.	SS750

Notes: + Boots are not UL listed.
• Features and benefits on page 14.

HBL61CM53
HBL61CM53W
HBL61CM43

HBL63CM61

HBL77CM16

HBL63CM70

HBL77CM74WO

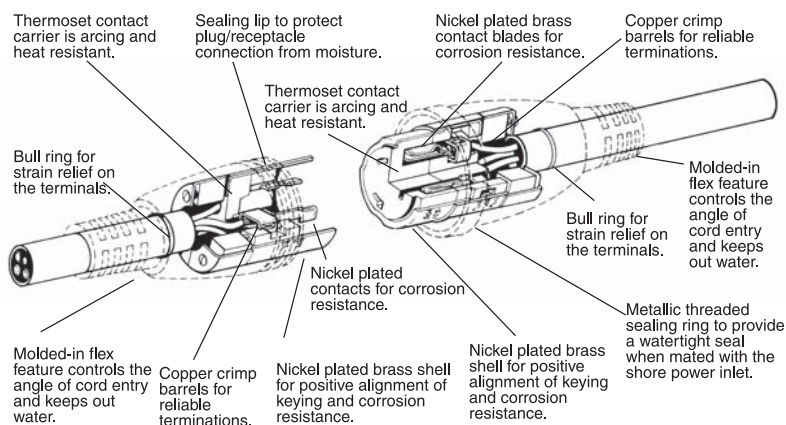## 50A Molded Cable Sets

Thermoset contact carrier is arcing and heat resistant.

Sealing lip to protect plug/receptacle connection from moisture.

Nickel plated brass contact blades for corrosion resistance.

Copper crimp barrels for reliable terminations.

Thermoset contact carrier is arcing and heat resistant.

Bull ring for strain relief on the terminals.

Molded-in flex feature controls the angle of cord entry and keeps out water.

Nickel plated contacts for corrosion resistance.

Bull ring for strain relief on the terminals.

Molded-in flex feature controls the angle of cord entry and keeps out water.

Copper crimp barrels for reliable terminations.

Nickel plated brass shell for positive alignment of keying and corrosion resistance.

Nickel plated brass shell for positive alignment of keying and corrosion resistance.

Metallic threaded sealing ring to provide a watertight seal when mated with the shore power inlet.

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

SS750

Marine Products
50 Ampere, 125/250 Volt Twist-Lock® Devices
3 Pole 4 Wire
Ship-to-Shore Devices

50A
125/250V
UL/CSA

50A 125/250V Ship-to-Shore Devices

Description	Catalog Numbers
Stylized non-metallic shore power inlet has UV resistant white Centrex cover which makes unit weatherproof when completely closed. Interior is heat resistant thermoset material and has box lug terminals. Mounting holes are 2.38 in. (60.3) on centers and match existing mounting patterns. Mounting screws and gasket included. **IP56 SUITABILITY.**	**HBL504NM**
Stylized type 316 stainless steel shore power inlet has easy to use push-button latch that makes unit watertight when fully engaged. Interior is heat resistant thermoset material and has box lug terminals. Mounting holes are 2.38 in. (60.3) on centers and match existing mounting patterns. Mounting screws and gasket included. **IP56 SUITABILITY.**	**HBL504RI Δ**
Traditional stainless shore power inlet has gasketed, self-closing cover so that the interior is shielded from the elements when not in use. It is watertight when the cover is securely fastened. The mounting holes are 2.38 in. (60.3) on centers, and the rear portion has a 2.17 in. (55.1) diameter. Mounting screws and gasket are included. **IP56 SUITABILITY.**	**HBL504SS**
Protective rear cover. Fits all inlets except HBL504SS. Secures to back of inlets with 3 screws which are provided.	**SR3050****
Replacement interior for 63CM74 and HBL504SS power inlets.	**CR16279****
Nickel plated brass connector body has a heat resistant thermoset interior and combination metal and rubber cord grip, which provides superior strain relief capability. Cord grip range is .44–1.14 in. (11.1–29.0). **IP20 SUITABILITY.**	**HBL63CM64**
Yellow Seal-Tite® cover for connector bodies when used with 50A shore power inlets. Threaded sealing ring makes connections watertight. **IP56 SUITABILITY.**	**HBL77CM15+**
White Seal-Tite cover for connector bodies when used with 50A shore power inlets. Threaded sealing ring makes connections watertight. **IP56 SUITABILITY.**	**HBL77CM15W+**
Nickel plated brass cord clamp assembly with clamp range of .44–1.14 in. (11.1–29.0) provides strain relief for terminations on shore power inlets.	**HBL77CM67**
Yellow Seal-Tite cover for weatherproofing 50A connector bodies on extension cords or adapters. **IP55 SUITABILITY.**	**HBL77CM17+**

Notes: *** Not UL/CSA.*
+ Boots are not UL listed.
Δ To be discontinued when present stocks are exhausted.

HBL504NM

HBL504RI

HBL504SS

HBL63CM64

HBL77CM15

HBL77CM17

50A Traditional Stainless Steel Inlets

Base and cover are #316 type stainless steel for strength and corrosion resistance.

Self-closing cover is friction tight to remain open while engaging cable set and shields the interior from the elements when the inlet is not in use.

Contact blades are nickel plated brass for corrosion resistance.

Neoprene gasket on underside of cover for sealing when the cover is closed.

Pressure screw terminals for secure terminations-clearly marked for easy identification.

Three screws "lock-in" the interior once it is in place.

Rear enclosure is nickel plated for corrosion resistance.

Thermoset contact carrier is arcing and heat resistant.

Threaded base for making a watertight seal. When in use, it mates to the threaded ring of the watertight cover on the connector body. When not in use, it mates to the threaded cover.

Marine Products
50 Ampere, 125/250 Volt Twist-Lock® Devices
3 Pole 4 Wire
Ship-to-Shore Devices

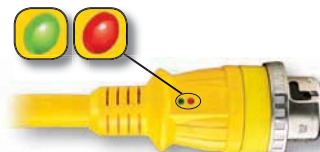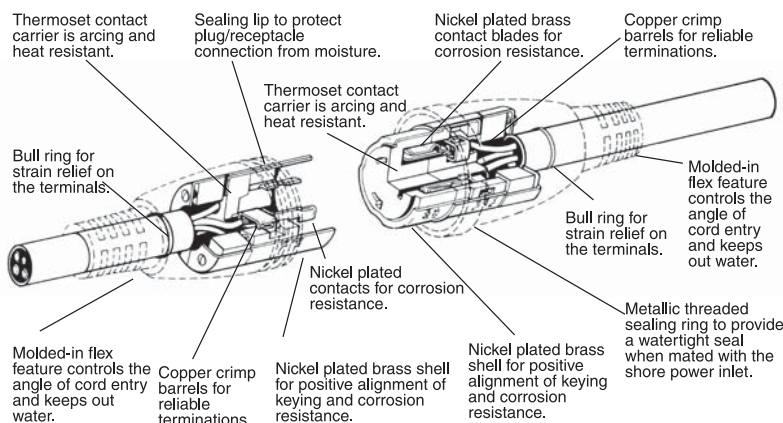Plugs and receptacles only.

50A 125/250V Ship-to-Shore Devices

50A
125/250V
UL/CSA

Description	Catalog Numbers
Yellow 50 ft. (15.2m) vinyl jacketed shore power cable set, #6 AWG type STOW is completely factory pre-wired with molded-on devices. The connector end has a metallic threaded sealing ring for making the inlet/connector interface watertight. **IP56** SUITABILITY (BOATSIDE).	HBL61CM52
Same as HBL61CM52 except with two high intensity LEDs.	HBL61CM52LED •
Same as HBL61CM52 except white.	HBL61CM52W
Same as HBL61CM52W except with two high intensity LEDs.	HBL61CM52WLED •
Yellow 25 ft. (15.2m) vinyl jacketed shore power cable set, #6 AWG type STOW is completely factory pre-wired with molded-on devices. The connector end has a metallic threaded sealing ring for making the inlet/connector interface watertight. **IP56** SUITABILITY (BOATSIDE).	HBL61CM42
Same as HBL61CM42 except with two high intensity LEDs.	HBL61CM42LED •
Same as HBL61CM42 except white.	HBL61CM42W
Same as HBL61CM42W except with two high intensity LEDs.	HBL61CM42WLED •
Four conductor, #6 AWG type STOW, yellow PVC jacketed portable cord with jute fillers for added flexibility is ideal for making cable sets, extension cords, and adapters that will not mark the boats deck. Available in 250 ft. (76.2m) lengths only.	YC406250
Nickel plated brass plug has a heat resistant thermoset interior and combination metal and rubber cord grip, which provides superior strain relief capability. Cord grip range is .44–1.14 in. (11.1–29.0). **IP20** SUITABILITY.	HBL63CM65
Yellow Seal-Tite® cover for weatherproofing 50A plugs. **IP55** SUITABILITY.	HBL77CM16+
White Seal-Tite® cover for weatherproofing 50A plugs. **IP55** SUITABILITY.	HBL77CM16W+
Single receptacle has a heat resistant thermoset base. **IP20** SUITABILITY.	HBL63CM69
Yellow Valox® lift cover for weatherproofing 50A receptacles. Meets requirements of the most stringent of UL's three listing categories for weatherproof plates. Stainless steel screws and a neoprene gasket included. For mounting to FS/FD type weatherproof boxes. **IP44** SUITABILITY.	HBL77CM74WO
Same as HBL77CM74WO except gray in color. **IP44** SUITABILITY.	HBL7774WO
Stainless steel wall plate for 50A receptacle.	SS750

Notes: + Boots are not UL listed.
*   • Features and benefits on page 14.*

HBL61CM52
HBL61CM52W
HBL61CM42
HBL61CM42W

HBL63CM65

HBL77CM16

HBL63CM69

HBL77CM74WO

50A Molded Cable Sets

Thermoset contact carrier is arcing and heat resistant.

Sealing lip to protect plug/receptacle connection from moisture.

Nickel plated brass contact blades for corrosion resistance.

Copper crimp barrels for reliable terminations.

Thermoset contact carrier is arcing and heat resistant.

Bull ring for strain relief on the terminals.

Molded-in flex feature controls the angle of cord entry and keeps out water.

Bull ring for strain relief on the terminals.

Molded-in flex feature controls the angle of cord entry and keeps out water.

Copper crimp barrels for reliable terminations.

Nickel plated contacts for corrosion resistance.

Nickel plated brass shell for positive alignment of keying and corrosion resistance.

Nickel plated brass shell for positive alignment of keying and corrosion resistance.

Metallic threaded sealing ring to provide a watertight seal when mated with the shore power inlet.

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

SS750

Marine Products

50 Ampere, Cable Set with Two High Intensity LEDs: "Power-On" and "Incorrect Wiring" Indicators
Ship-to-Shore Cable Sets

NEW

- Two bright, durable, LEDs. GREEN indicates "Power-On" and RED indicates "Incorrect Wiring" at the power source.
- High intensity LEDs are visible—even in bright sunlight.
- Totally molded design for superior waterproofing and durability.
- Exclusive copper crimp barrel terminations for tighter connections and longer life.

Bull ring for added strain relief.

Exclusive crimp termination for longer life.

C (UL) **US LISTED**   MARINE

IP56 SUITABILITY (Boatside)

50A 125V

50A 125/250V

50A Shore Power Cable Set with Two LED Indicators

Description	Catalog Number	Catalog Numbers
Yellow 50 ft. (15.2m) vinyl jacketed shore power cable set, #6 AWG type STOW is completely factory pre-wired with molded-on devices. The connector end has a metallic threaded sealing ring for making the inlet/connector interface watertight.	HBL61CM53LED	HBL61CM52LED
Same as HBL61CM52LED except in white.	HBL61CM53WLED	HBL61CM52WLED
Same as HBL61CM52LED except 25 ft. (7.6m) in length.	HBL61CM43LED	HBL61CM42LED
Same as HBL61CM42LED except in white.	–	HBL61CM42WLED
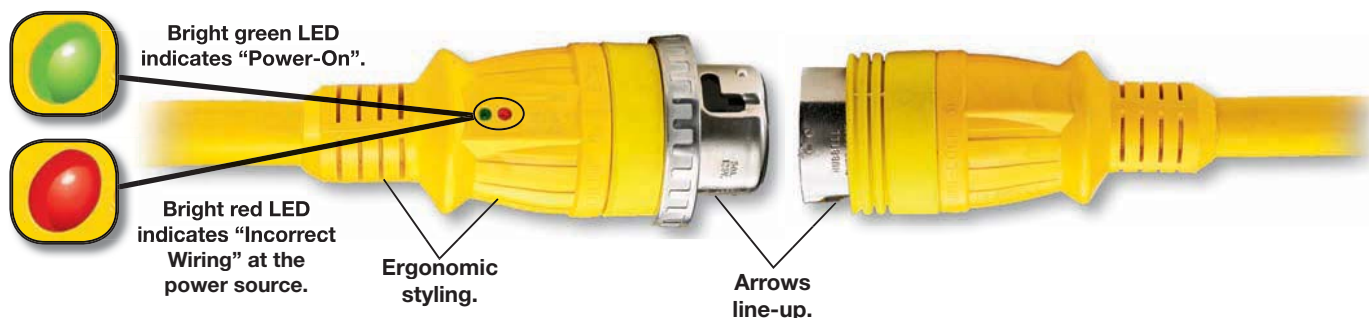
Bright green LED indicates "Power-On".

Bright red LED indicates "Incorrect Wiring" at the power source.

Ergonomic styling.

Arrows line-up.

Marine Products
100 Ampere, 125/250 Volt and 3ØY 120/208 Volt
3, 4, and 5 Wire
Ship-to-Shore Cable Sets

IP67
SUITABILITY

**100A
125/250V AC**

100A 125/250V Ship-to-Shore Cable Sets

Description	Catalog Numbers
Yellow 75 ft. (22.8m) corrosion resistant shore power cable set, 105° C rated, #2 AWG, 2 pole 3 wire (no neutral), STOW cable with 3 pole 4 wire, 100A 125/250V plug and connector body for use with boats with isolation transformer on board.	CS75IT4
Same as CS75IT4 except 100 ft. (30.4m) in length.	CS100IT4
Yellow 75 ft. (22.8m) corrosion resistant shore power cable set, 105° C rated, #2 AWG, 3 pole 4 wire STOW cable.	CS754
Same as CS754 except 100 ft. (30.4m) in length.	CS1004
Yellow 50 ft. (15.2m) corrosion resistant extension cord, 105° C rated, #2 AWG, 3 pole 4 wire STOW cable. For mating with existing shore power cable set.	CS50EXT4
Yellow 75 ft. (22.8m) corrosion resistant one-ended (male only) power supply cable, 105° C rated, #2 AWG, 3 pole 4 wire STOW cable with 3 pole 4 wire male plug only; for use with boats using a cable winch system.	CW754
Yellow 100 ft. (30.4m) corrosion resistant one-ended (male only) power supply cable, 105° C rated, #2 AWG, 2 pole 3 wire (no neutral) STOW cable with 3 pole 4 wire male plug only; for use with boats with isolation transformer on board and a cable winch system.	CW100IT4
Same as CW100IT4 except 125 ft. (38.0m) in length.	CW125IT4

**100A 3ØY
120/208V AC**

100A 120/208V Ship-to-Shore Cable Sets

Description	Catalog Numbers
Yellow 75 ft. (22.8m) corrosion resistant shore power cable set, 105° C rated, #2 AWG, 3 pole 4 wire (no neutral), STOW cable with 4 pole 5 wire, 100A 120/208V plug and connector body for use with boats with isolation transformer on board.	CS75IT5
Same as CS75IT5 except 100 ft. (30.4m) in length.	CS100IT5
Yellow 50 ft. (15.2m) corrosion resistant extension cord, 105° C rated, #2 AWG, 4 pole 5 wire STOW cable. For mating with existing shore power cable set.	CS50EXT5
Yellow 100 ft. (30.4m) corrosion resistant one-ended (male only) power supply cable, 105° C rated, #2 AWG, 3 pole 4 wire (no neutral) STOW cable with 4 pole 5 wire male plug only; for use with boats with isolation transformer on board and a cable winch system.	CW100IT5
Same as CW100IT5 except 125 ft. (38.0m) in length.	CW125IT5

Note: Periodic cleaning and lubrication (such as LPS-1® made by Holt Lloyd Corp.) of the pins and sleeves of these devices is necessary to enjoy years of optimal use.

- Hubbell Marine was the first to offer 100 amp marine grade devices that are considered second to none.
- Hubbell developed the standard for 100 amp Pin and Sleeve devices with the National Electric Code and the American Boat and Yacht Council.
- Only Hubbell offers 3, 4 and 5 wire 100 amp cable sets for your shore power requirements.
- Cable sets manufactured in factory-controlled conditions using specially compounded cable to accommodate a full 100 amp.

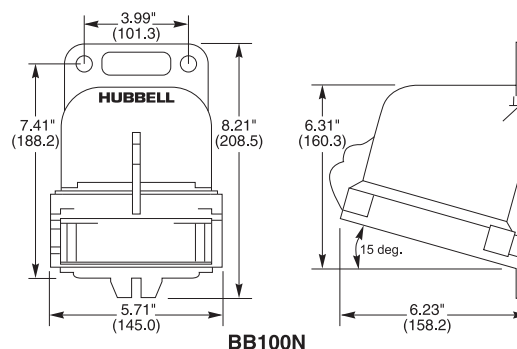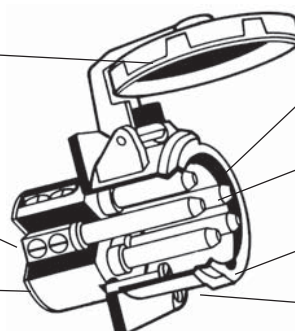| Features	Benefits
Factory assembled.	Reliable and consistent terminations.
100 Amp pin and sleeve devices.	Rugged, watertight, UL listed, AB02029 YC compliant, corrosion resistant.
UL Listed cable.	High visibility yellow, STOW cable, 105° C rated, and UL listed.
Breadth of line.	Available in 75, 100, and 125 ft. lengths with and without a neutral. Fifty foot extension cords also available.
100% inspection.	Each cable set is tested to ensure quality performance.

CS75IT4

Marine Products
100 Ampere, 125/250 Volt
3 Pole 4 Wire
Ship-to-Shore Devices

IP67
SUITABILITY

100A
125/250V AC

M4100B12R

M4100C12R

**BB1001W
BB1002W**

100A 125/250V Ship-to-Shore Devices

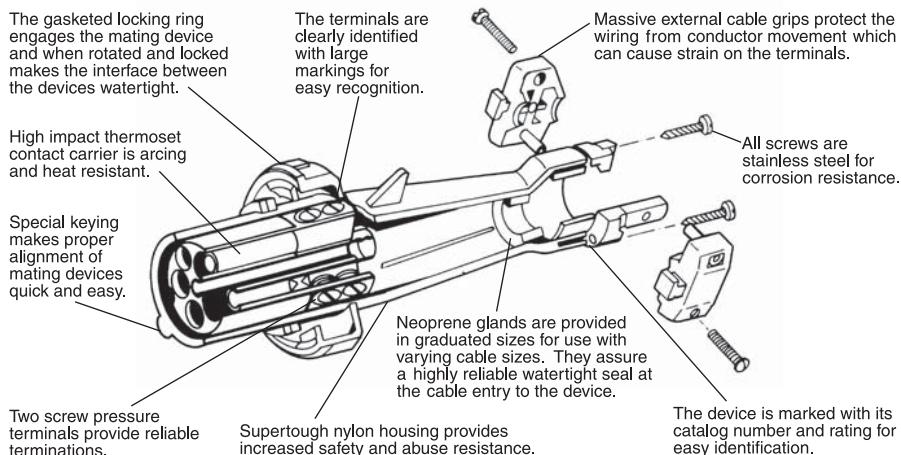| Description	Catalog Numbers
Gray nylon shore power inlet has gasketed, spring-loaded cover which closes automatically when not in use and is watertight when securely fastened. Mounting holes are 4.88 in. (123.8) on centers and rear portion has 3.94 in. (100.0) diameter. Mounting screws and gasket included.	M4100B12R
Yellow Zytel® super tough nylon watertight connector body has gasketed locking ring to make inlet/connector interface watertight. Cord grip range is 1.00–1.94 in. (25.4–49.3). Note: This device mates with shore power inlet only.	M4100C12R
15° angle cast aluminum back box has corrosion resistant gray finish and top hub with 1½ in. N.P.T. 100A receptacles can be mounted directly to it.	BB1001W
Same as BB1001W except threaded top hub is 2.00 in. N.P.T.	BB1002W
15° angle non-metallic back box, made of high-grade engineered thermoplastic Valox® to resist chemicals, abuse and U.V. rays. Has integral grounding plate, 1½ in. N.P.T. hub size and 120 cu. in. capacity (hub is not included - Raco part number 1706 is recommended).	BB100N

Replacement Parts

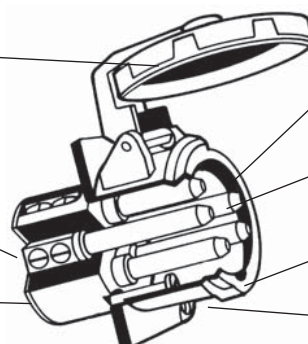|	
Replacement lift cover assembly; includes cover, arm and assembly tool.	CA100
Replacement locking ring and cord clamp.	CC100
Replacement locking ring only.	LR100

Notes: Periodic cleaning and lubrication (such as LPS-1® made by Holt Lloyd Corp.) of the pins and sleeves of these devices is necessary to enjoy years of optimal use.

4.75"
(120.7)

8.13"
(206.5)

6.88"
(174.8)

6.94"
(176.3)

15 deg.

6.75"
(171.5)

5.50"
(139.7)

**BB1001W
BB1002W**

3.99"
(101.3)

HUBBELL

7.41"
(188.2)

8.21"
(208.5)

6.31"
(160.3)

15 deg.

5.71"
(145.0)

6.23"
(158.2)

BB100N

Shore Power Inlet

BB100N

The gasketed, self-closing cover is keyed to normally seat in a position that provides a weatherproof seal. Simply rotating the cover and locking it makes it watertight.

The terminals are clearly identified with large markings for easy recognition.

High impact thermoset contact carrier is arcing and heat resistant.

The device is marked with its catalog number and rating for easy identification.

Nickel plated solid brass pins provide for long life and reliable electrical contact in corrosive environments.

Special keying makes proper alignment of mating devices quick and easy.

Nylon housing provides increased safety and abuse resistance.

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

Marine Products

100 Ampere, 125/250 Volt

Marine Products
100 Ampere, 125/250 Volt
3 Pole 4 Wire
Ship-to-Shore Devices

IP67
SUITABILITY

100A
125/250V AC

100A 125/250V Ship-to-Shore Devices

Description	Catalog Numbers
Yellow Zytel® super tough nylon watertight plug has gasketed locking ring to make plug/receptacle interface watertight. Cord grip range is 1.00–1.94 in. (25.4–49.3).	M4100P12
Gray nylon dockside receptacle has gasketed, spring-loaded cover. Closes automatically when not in use and is watertight when securely fastened. Mounting holes are 4.88 in. (123.8) on centers. Mounting screws and gasket included.	M4100R12
Yellow Zytel® super tough nylon watertight connector body for mating plug to connector interface on extension cords or adapters. Cord grip range is 1.00–1.94 in. (25.4–49.3). Note: It cannot be mated to the shore power inlet.	M4100C12
Back box for inlets and receptacles has 15° angle section which can be installed in any of 4 positions. Box is cast aluminum with corrosion resistant gray alkyd-based enamel finish and 1½ in. N.P.T. hub which can be mounted for either top or bottom feed.	FW60100
Closure Cap for 100A plugs and connector bodies that (do not have a cap attached) have locking rings.	PC100

Replacement Parts

Replacement lift cover assembly; includes cover, arm and assembly tool.	CA100
Replacement locking ring and cord clamp.	CC100
Replacement locking ring only.	LR100

Notes: Periodic cleaning and lubrication (such as LPS-1® made by Holt Lloyd Corp.) of the pins and sleeves of these devices is necessary to enjoy years of optimal use.

M4100P12

M4100R12

M4100C12

9.75"
(247.7)

8.75"
(222.3)

15 deg.

6.75"
(171.5)

6.00"
(152.4)

7.75"
(196.9)

FW60100

FW60100

100A Connector Body

The gasketed locking ring engages the mating device and when rotated and locked makes the interface between the devices watertight.

High impact thermoset contact carrier is arcing and heat resistant.

Special keying makes proper alignment of mating devices quick and easy.

Two screw pressure terminals provide reliable terminations.

The terminals are clearly identified with large markings for easy recognition.

Supertough nylon housing provides increased safety and abuse resistance.

Neoprene glands are provided in graduated sizes for use with varying cable sizes. They assure a highly reliable watertight seal at the cable entry to the device.

Massive external cable grips protect the wiring from conductor movement which can cause strain on the terminals.

All screws are stainless steel for corrosion resistance.

The device is marked with its catalog number and rating for easy identification.

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

PC100

CA100

Marine Products
100 Ampere, 3ØY 120/208 Volt and 3ØY 277/480 Volt
4 Pole 5 Wire
Ship-to-Shore Devices

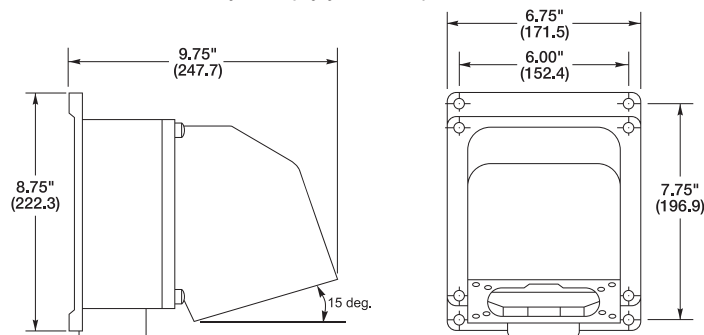**IP67** SUITABILITY

100A 3ØY 120/208V AC

100A 3ØY 277/480V AC

NEW

M5100B9R

M5100C9R

BB1001W
BB1002W

100A 3ØY 120/208V and 100A 3ØY 277/480V Ship-to-Shore Devices

Description	Catalog Numbers	
Gray nylon shore power inlet has gasketed, spring-loaded cover which closes automatically when not in use and is watertight when securely fastened. Mounting holes are 4.88 in. (123.8) on centers and rear portion has 3.94 in. (100.0) diameter. Mounting screws and gasket included.	M5100B9R	M5100B7R
Yellow Zytel® super tough nylon watertight connector body has gasketed locking ring to make inlet/connector interface watertight. Cord grip range is 1.00–1.94 in. (25.4–49.3). Note: This device mates with shore power inlet only.	M5100C9R	M5100C7R
15° angle cast aluminum back box has corrosion resistant gray finish and top hub with 1½ in. N.P.T. 100A receptacles can be mounted directly to it.	BB1001W	BB1001W
Same as BB1001W except threaded top hub is 2.0 in. N.P.T.	BB1002W	BB1002W
15° angle non-metallic back box, made of high-grade engineered thermoplastic Valox® to resist chemicals, abuse and U.V. rays. Has integral grounding plate, 1½ in. N.P.T. hub size and 120 cu. in. capacity (hub is not included - Raco part number 1706 is recommended).	BB100N	BB100N
Replacement Parts		
Replacement lift cover assembly; includes cover, arm and assembly tool.	CA100	CA100
Replacement locking ring and cord clamp.	CC100	CC100
Replacement locking ring only.	LR100	LR100

Note: Periodic cleaning and lubrication (such as LPS-1® made by Holt Lloyd Corp.) of the pins and sleeves of these devices is necessary to enjoy years of optimal use.

8.13" (206.5)
4.75" (120.7)
6.88" (174.8)
6.94" (176.3)
6.75" (171.5)
5.50" (139.7)
15 deg.

BB1001W
BB1002W

3.99" (101.3)
HUBBELL
7.41" (188.2)
8.21" (208.5)
6.31" (160.3)
15 deg.
5.71" (145.0)
6.23" (158.2)

BB100N

Shore Power Inlet

BB100N

The gasketed, self-closing cover is keyed to normally seat in a position that provides a weatherproof seal. Simply rotating the cover and locking it makes it watertight.

The terminals are clearly identified with large markings for easy recognition.

High impact thermoset contact carrier is arcing and heat resistant.

The device is marked with its catalog number and rating for easy identification.

Nickel plated solid brass pins provide for long life and reliable electrical contact in corrosive environments.

Special keying makes proper alignment of mating devices quick and easy.

Nylon housing provides increased safety and abuse resistance.

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.
Zytel® is a registered trademark of E.I. DuPont.

Marine Products
100 Ampere, 3ØY 120/208 Volt and 3ØY 277/480 Volt
4 Pole 5 Wire
Ship-to-Shore Devices

IP67
SUITABILITY

100A 3ØY
120/208V AC

100A 3ØY
277/480V AC

100A 3ØY 120/208V and 100A 3ØY 277/480V Ship-to-Shore Devices

Description	Catalog Numbers	
Yellow Zytel® super tough nylon watertight plug has gasketed locking ring to make plug/receptacle interface watertight. Cord grip range is 1.00–1.94 in. (25.4–49.3).	M5100P9	M5100P7
Gray nylon dockside receptacle has gasketed, spring-loaded cover. Closes automatically when not in use and is watertight when securely fastened. Mounting holes are 4.88 in. (123.8) on centers. Mounting screws and gasket included.	M5100R9	M5100R7
Yellow Zytel® super tough nylon watertight connector body for making plug to connector interface on extension cords or adapters. Cord grip range is 1.00–1.94 in. (25.4–49.3). Note: It cannot be mated to the shore power inlet.	M5100C9	M5100C7
Back box for inlets and receptacles has 15° angle section which can be installed in any of 4 positions. Box is cast aluminum with corrosion resistant gray alkyd-based enamel finish and 1½ in. N.P.T. hub which can be mounted for either top or bottom feed.	FW60100	FW60100
Closure Cap for 100A plugs and connector bodies that (do not have a cap attached) have locking rings.	PC100	PC100

Replacement Parts

Replacement lift cover assembly; includes cover, arm and assembly tool.	CA100	CA100
Replacement locking ring and cord clamp.	CC100	CC100
Replacement locking ring only.	LR100	LR100

Note: Periodic cleaning and lubrication (such as LPS-1® made by Holt Lloyd Corp.) of the pins and sleeves of these devices is necessary to enjoy years of optimal use.

9.75"
(247.7)

8.75"
(222.3)

15 deg.

6.75"
(171.5)

6.00"
(152.4)

7.75"
(196.9)

FW60100

100A Connector Body

The gasketed locking ring engages the mating device and when rotated and locked makes the interface between the devices watertight.

High impact thermoset contact carrier is arcing and heat resistant.

Special keying makes proper alignment of mating devices quick and easy.

Two screw pressure terminals provide reliable terminations.

The terminals are clearly identified with large markings for easy recognition.

Supertough nylon housing provides increased safety and abuse resistance.

Neoprene glands are provided in graduated sizes for use with varying cable sizes. They assure a highly reliable watertight seal at the cable entry to the device.

Massive external cable grips protect the wiring from conductor movement which can cause strain on the terminals.

All screws are stainless steel for corrosion resistance.

The device is marked with its catalog number and rating for easy identification.

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

M5100P9

M5100R9

M5100C9

FW60100

PC100

CA100

Marine Products
200 Ampere, 600V AC/250V DC, 50-400 Hertz
4 Pole 5 Wire
Ship-to-Shore Devices

UL CSA

NEMA 4X

Hubbell was the first to offer a marine-ized UL listed 100 AMP Ship-To-Shore System…and now, we are the first to offer a marine-ized, UL listed 200 AMP ship-to-shore system.

Hubbell's 200 AMP Ship-To-Shore System is:

• NEMA 4X rated for superior water resistance.
• Made of copper-free aluminum with an electrostatically applied epoxy/polyester finish.
• Accepts a cord range of #1 AWG – 250 MCM.
• Pin and sleeves are made of nickel-plated Tellurium copper for superior corrosion and heat resistance.

And

Fully interchangeable with UL 1686 configured and listed devices such as Crouse-Hinds® Arktite® or Appleton® Powertite® (when installed in accordance with instructions furnished with device).

NEW

M5200BS1R

M5200CS1R

200A
600V AC/250V DC

200A 600V Ship-to-Shore Devices

Description	Catalog Numbers
Gray metallic watertight shore power inlet with wingnut-secured lid for water tightness when not in use.	M5200BS1R
Gray/yellow metallic watertight connector body with locking ring to make inlet/connector body interface watertight. Cord range is #1 AWG-250 MCM (0.653 max. conductor diameter).	M5200CS1R

Dimensions

6.90"
(175.26)

8.01"
(203.48)

1.76"
(44.78)

7.39"
(187.71)

Ø 5.625"
(142.88)

Ø 4.50"
(114.30)

Wire Range
#1 AWG-250 MCM
Copper Only

6.70"
(170.18)

11.13"
(282.70)

Cable Diameter
1.0" (25.4) Min.
2.5" (63.5) Max.

Wire Range
#1 AWG-250 MCM
Copper Only

HUBBELL ® **Wiring Device-Kellems**   www.hubbell-wiring.com   *Dimensions in Inches (mm)*
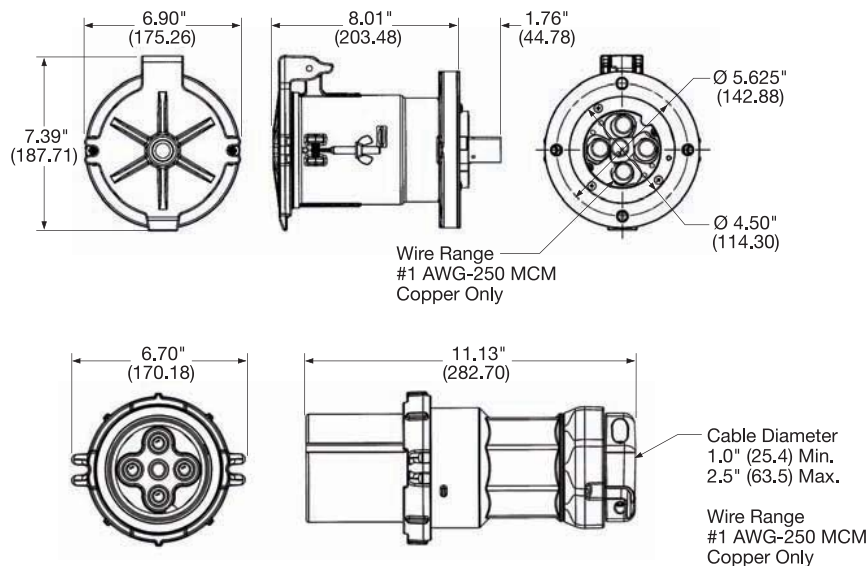
Marine Products
200 Ampere, 600V AC/250V DC, 50-400 Hertz
4 Pole 5 Wire
Ship-to-Shore Devices

NEMA 4X

200A
600V AC/250V DC

200A 125/250V Ship-to-Shore Devices

Description	Catalog Numbers
Gray/yellow metallic watertight plug with locking ring to make plug/receptacle interface watertight. Cord grip range is #1 AWG-250 MCM (0.653 max. conductor diameter).	M5200PS1
Gray metallic, watertight dockside receptacle with wing nut-secured lid for water tightness when not in use.	M5200RS1
Gray/yellow metallic watertight connector body with wing nut-secured lid for water tightness when not in use. For making plug/connector body interface on extension cords or adapters.	M5200CS1
Gray metallic Back Box for inlets and receptacles has 15° angle section which can be installed in any of 4 positions, 2.0 in. N.P.T. hub.	MB2003W
Gray metallic Back Box – same as above but 2½ in. N.P.T. hub.	MB2004W

NEW

M5200PS1

M5200RS1

M5200CS1

MB2003W

Dimensions

7.39" (187.70)

13.65" (346.70)

6.70" (170.20)

Cable Diameter 1.0" (25.4) Min. 2.5" (63.5) Max.

Wire Range #1 AWG-250 MCM Copper Only

6.90" (169.90)

7.76" (197.10)

.99" (25.22)

7.39" (187.70)

Ø 5.625" (142.88)

Ø 4.50" (114.30)

Wire Range #1 AWG-250 MCM Copper Only

4X Ø .406 (10.32)

6.70" (170.20)

11.13" (282.70)

Cable Diameter 1.0" (25.4) Min. 2.5" (63.5) Max.

Wire Range #1 AWG-250 MCM Copper Only

8.17" (207.5)

6.75" (171.5)

10.82" (274.8)

9.50" (241.3)

45°

(4X) Ø .44 (11.1)

(4X) 3/8-16 UNC
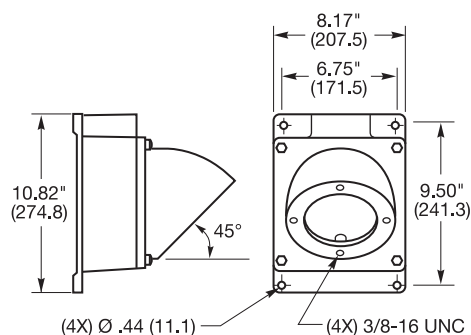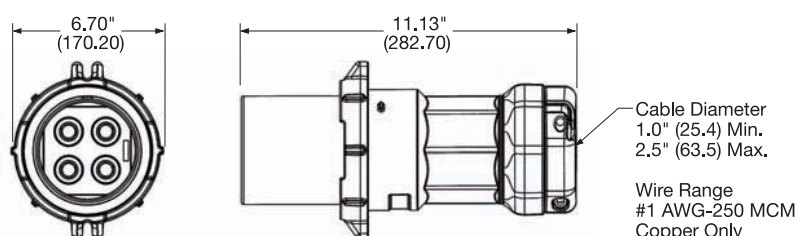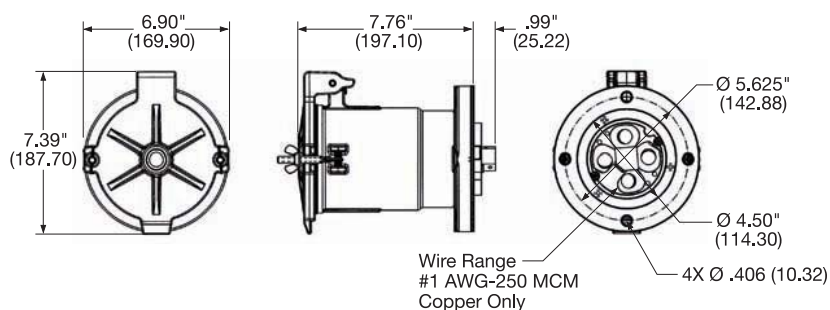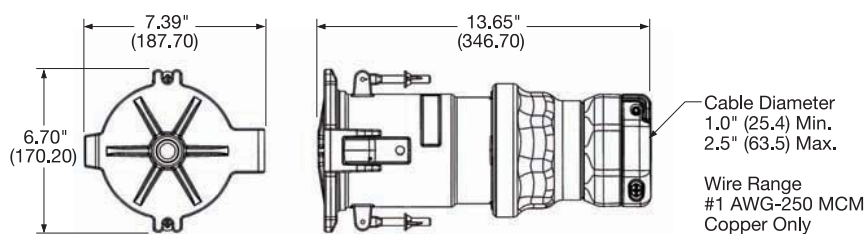
Internationally Rated Twist-Lock® Devices

16, 32 Ampere, 230 Volt

IP56
SUITABILITY

Hubbell offers the only CE certified electrical shore power system truly dedicated for boats destined for Europe and the International community. Hubbell's offering of international shore power inlets are available in traditional ³⁄₁₆-inch stainless steel and attractive white non-metallic types resembling our domestic offering in style and appearance but are not interchangeable with the domestic shore power system.

Utilizing standard NEMA (National Electrical Manufacturer's Association) configurations not typically used in the marine market, Hubbell can offer a safe and non-interchangeable 16 Amp 230 Volt system and 32 Amp 230 Volt system for use with 50 cycle systems. The system includes white power supply cables (one-end, female only) in both the 16 Amp and 32 Amp categories.

HBL316NM
HBL332NM

HBL316SSX
HBL332SSX

HBL316CSW25
HBL316CSW
HBL332CSW

HBL316CRC
HBL332CRC

HBL103RX

16A 230V Ship-To-Shore Power System

Description	Catalog Numbers
Non-metallic, white, stylized, U.V. resistant shore power inlet. White Centrex cover makes the inlet weatherproof when closed. Mounting holes are 2.38 in. (60.3) on centers and match most existing mounting patterns. Rear enclosure strain/relief cap is provided.	**HBL316NM**
Traditional, stainless steel shore power inlet has new easy-to-wire terminations. Interior is transparent for quick and easy visual inspection. Interior is shielded from the elements by a gasketed, self-closing cover, watertight when cover is screwed in place. Mounting holes are 2.38 in. (60.3) on centers. Mounting screws and gasket included. Protective rear enclosure/strain relief also included.	**HBL316SSX**
25 ft. (7.6m) white, vinyl jacketed power supply cord with female (boat side) end only; other end blunt cut.	**HBL316CSW25**
50 ft. (15.2m) white, vinyl jacketed power supply cord with female (boat side) end only; other end blunt cut.	**HBL316CSW**
Yellow locking connector replacement end for HBL316CSW25 and HBL316CSW. **IP20** SUITABILITY.	**HBL316CRC**
White Seal-Tite® cover with threaded sealing ring for use with HBL316CRC and HBL332CRC connector bodies. **IP55** SUITABILITY.	**HBL103RX**

32A 230V, 50 Cycle Ship-To-Shore Power System

Description	Catalog Numbers
Non-metallic, white, stylized, U.V. resistant shore power inlet. White Centrex cover makes the inlet weatherproof when closed. Mounting holes are 2.38 in. (60.3) on centers and match most existing mounting patterns. Rear enclosure/strain relief cap is provided.	**HBL332NM**
Traditional, stainless steel shore power inlet has new easy-to-wire terminations. Interior is transparent for quick and easy visual inspection. Interior is shielded from the elements by a gasketed, self-closing cover, watertight when cover is screwed in place. Mounting holes are 2.38 in. (60.3) on centers. Mounting screws and gasket included. Protective rear enclosure/strain relief also included.	**HBL332SSX**
50 ft. (15.2m) white, vinyl jacketed power supply cord with female (boat side) end only; other end blunt cut.	**HBL332CSW**
Yellow locking connector replacement end for HBL332CSW. **IP20** SUITABILITY.	**HBL332CRC**
White Seal-Tite cover with threaded sealing ring for use with HBL316CRC and HBL332CRC connector bodies. **IP55** SUITABILITY.	**HBL103RX**

HUBBELL® **Wiring Device-Kellems** www.hubbell-wiring.com *Dimensions in Inches (mm)*

Marine Products
Internationally Rated Pin and Sleeve Devices
16, 32, 63 Ampere, 240 Volt

IP67
SUITABILITY

Devices are rated in either 16A, 32A or 63A, 240V, 2 pole plus earth (⏚) .

16A 240V, 2 Pole ＋ ⏚

Description	Catalog Numbers
Shore power inlet with mounting holes 3.13 in. (79.3) on centers and 2.72 in. (69.1) diameter on rear portion.	**HBL316B6W**
Connector body with cord grip range of .36–.83 in. (9.1-21.1).	**HBL316C6W**
Shore power receptacle with mounting holes 3.13 in. (79.3) on centers and 2.72 in. (69.1) diameter on rear portion.	**HBL316R6W**
Plug with cord grip range of .36–.83 in. (9.1-21.1).	**HBL316P6W**
Closure plug for HBL316B6W. Not CSA.	**PC320**
Back box for inlets and receptacles is cast aluminum with corrosion resistant alkyd-based enamel finish and two ¾ in. N.P.T. hubs.	**BB201W**
Feed-thru box for inlets and receptacles is cast aluminum with corrosion resistant alkyd-based enamel finish and one ¾ in. N.P.T. hubs.	**FT202W**

HBL316B6W

HBL316R6W

32A 240V, 2 Pole ＋ ⏚

Description	Catalog Numbers
Shore power inlet with mounting holes 3.13 in. (79.3) on centers and 2.72 in. (69.1) diameter on rear portion.	**HBL332B6W**
Connector body with cord grip range of .45–1.25 in. (11.4–31.8).	**HBL332C6W**
Shore power receptacle with mounting holes 3.13 in. (79.3) on centers and 2.72 in. (69.1) diameter on rear portion.	**HBL332R6W**
Plug body with cord grip range of .45–1.25 in. (11.4–31.8).	**HBL332P6W**
Closure plug for HBL332B6W. Not CSA.	**PC3430**
Back box for inlets and receptacles is cast aluminum with corrosion resistant alkyd-based enamel finish and one 1.0 in. N.P.T. hub.	**BB301W**

HBL316C6W

63A 240V, 2 Pole ＋ ⏚

Description	Catalog Numbers
Shore power inlet with mounting holes 3.88 in. (98.4) on centers and 3.94 in. (88.1) diameter on rear portion.	**HBL363B6W**
Connector body with cord grip range of .70–1.45 in. (17.8–36.8).	**HBL363C6W**
Shore power receptacle with mounting holes 3.88 in. (98.4) on centers and 3.94 in. (88.1) diameter on rear portion.	**HBL363R6W**
Plug body with cord grip range of .70–1.45 in. (17.8–36.8).	**HBL363P6W**
Closure plug for HBL363B6W. Not CSA.	**PC60**
Back box with 1½ in. N.P.T. hub.	**BB601W**
Back box for inlets and receptacles has 15° angle section which can be installed in any of four positions. Box is cast aluminum with corrosion resistant gray alkyd-based enamel finish and 1½ in. N.P.T. hub which can be mounted for either top or bottom feed.	**FW60100**

HBL316P6W

PC320

BB201W

Marine Products
Intelligent Y Adapters

YQ230 - Safely powers a 50A, 125/250V AC boat from two 30A, 125V AC receptacles at dockside.

Environmentally sealed against humidity, fog and rain.

Cord clamps prevent strain on terminals.

Sealing grommets keep moisture out.

UV resistant high-impact housing.

Safety indicator light. (When on, safe operation is indicated.)

Fully molded Hubbell plugs.

30A plugs connect to 30A shore power.

50A connector body mates with boat's male end of cordset.

Fully molded Hubbell connector.

IMPROVED DESIGN

Application:
Problem: A boat owner with one electrical system on board docks in a marina that can only provide a different electrical system.

Solution: Use of the Hubbell YQ series of Intelligent Adapters can correct many electrical system mismatches.

Features and Benefits:
• 3 pole contactor breaks both hots and neutrals to prevent possibility of "live" plug when not engaged.

• Combines two oppositely-phased 30A, 125V receptacles to provide 30 amp,125/250 volts of power.

Note: The YQ230 Adapter will only work with two 30A receptacles that are on different phases.

YQ100PLUS - Safely powers a 100A, 125/250V AC boat from two 50A 125/250V AC receptacles at dockside -or- from a single 50A 125/250V AC receptacle acting as a single adapter.

Fully molded Hubbell plugs.

Full feature Hubbell connector.

NEW

Cord clamps helps to prevent strain on terminals.

100A connector body mates with boat cordset.

Environmentally sealed against humidity, fog and rain.

Indicator lights indicate correct polarity and safe operation.

50A plugs connect to 50A shore power.

Smaller, lighter-weight enclosure.

Sealing grommets keep moisture out.

"A" leg for accessing a single 50A 125/250V receptacle.

Internal Logic Senses That:
• Both plugs are fully engaged (i.e., one is not dangling loose while the other is plugged in) -or- the "A" leg plug is engaged to access a single 50A, 125/250V receptacle.

• The polarity of the receptacle on the dock is correct (i.e., no mis-wiring of the hot and neutral wires).

• The two receptacles are from correct phases.

Note: The YQ100PLUS Adapter must be plugged into two 50A, 125/250V AC receptacles that are on the same phase to achieve 100 amp, 125/250 volts power -or- the "A" leg 50A male into a single 50A, 125/250V AC receptacle to achieve 50 amp, 125/250 volts power.

Intelligent Y Adapters

Description	Catalog Numbers
Adapter that permits use of 50A, 125/250V AC cable set. (HBL61CM52), with two 30A, 125V AC receptacles, HBL26CM10.	**YQ230**
Adapter that permits use of 100A, 125/250V AC cable set. (CS754, CS1004) with one or two 50A, 125/250V AC receptacles, 63CM69.	**YQ100PLUS** NEW

Marine Products
Adapter Selection Guide

Boat/Cable Set Side		Molded Straight Adapters		Power Center/Dock Side
Connector Body (Female End)		Catalog Number		Plug (Male End)
15A 125V, 2P 3W Straight		HBL105GF*		30A 125V, 2P 3W Twist-Lock®
30A 125V, 2P 3W Twist-Lock®		HBL61CM22 HBL61CM22W		15A 125V, 2P 3W Straight Blade (lock type)
30A 125V, 2P 3W Twist-Lock		HBL61CM25		20A 125V, 2P 3W Twist-Lock
50A 125V, 2P 3W Twist-Lock		HBL61CM54		15A 125V, 2P 3W Straight Blade
30A 125V, 2P 3W Twist-Lock		HBL61CM55		50A 125V, 2P 3W Twist-Lock
50A 125V, 2P 3W Twist-Lock		HBL61CM56		30A 125V, 2P 3W Twist-Lock
50A 125/250V, 3P 4W Twist-Lock		HBL61CM59		50A 125/250V, 3P 4W Crow Foot
30A 125V, 2P 3W Twist-Lock		HBL61CM71		50A 125/250V, 3P 4W Twist-Lock
50A 125V, 2P 3W Twist-Lock		HBL61CM72		50A 125/250V, 3P 4W Twist-Lock
100A 125/250V, 3P 4W Pin/Sleeve		HBL61CM100		50A 125/250V, 3P 4W Twist-Lock

Molded "Y" Adapters

Boat/Cable Set Side		Catalog Number	Power Center/Dock Side
(2) 30A 125V, 2P 3W Twist-Lock		HBL64CM54	50A 125/250V, 3P 4W Twist-Lock
(2) 50A 125V, 2P 3W Twist-Lock		HBL64CM55	50A 125/250V, 3P 4W Twist-Lock
(2) 30A 125V, 2P 3W Twist-Lock		HBL64CM56	30A 125V, 2P 3W Twist-Lock
(2) 30A 125V, 2P 3W Twist-Lock		HBL64CM57	50A 125V, 2P 3W Twist-Lock
(2) 30A 125V, 2P 3W Twist-Lock		HBL64CM59	50A 125/250V, 3P 4W Crow Foot

One Piece Adapters

Boat/Cable Set Side		Catalog Number	Power Center/Dock Side
30A 125V, 2P 3W Twist-Lock		HBL31CM28	15A 125V, 2P 3W Straight Blade
15 or 20A 125V, 2P 3W Straight Blade		HBL31CM29	30A 125V, 2P 3W Twist-Lock
20A 125V, 2P 3W Twist-Lock		HBL21CM28	15A 125V, 2P 3W Straight Blade
15 or 20A 125V, 2P 3W Straight Blade		HBL21CM29	20A 125V, 2P 3W Twist-Lock

Note: See following two pages for photographs and descriptions.
        * Provides GFCI Protection

Molded Straight Adapters

IP65
SUITABILITY

HBL21CM28

HBL21CM29

HBL31CM28

HBL31CM29

Molded Straight Adapters

Description	Catalog Numbers
Permits use of 20A 125V Twist-Lock® locking type plug with 15 or 20A 125V straight blade receptacle. **IP20 SUITABILITY**.	**HBL21CM28†**
Permits use of 15A or 20A 125V straight blade plug with 20A 125V Twist-Lock locking type receptacle. **IP20 SUITABILITY.**	**HBL21CM29†**
Permits use of 30A 125V Twist-Lock locking type plug with 15 or 20A 125V straight blade receptacle. **IP20 SUITABILITY.**	**HBL31CM28**
Permits use of 15A or 20A 125V straight blade plug with 30A 125V Twist-Lock locking type receptacle. **IP20 SUITABILITY.**	**HBL31CM29**
Permits use of 30A 125V cable set, HBL61CM08, with 15 or 20A 125V straight blade receptacle. Anchor locking screw on plug when screwed down resists pullout of the cable set.	**HBL61CM22**
Same as HBL61CM22, except white.	**HBL61CM22W**
Permits use of 30A 125V cable set, HBL61CM08, with 20A 125V Twist-Lock receptacle, HBL23CM10.	**HBL61CM25**
Permits use of 50A 125V cable set, HBL61CM53, with 15 or 20A 125V straight blade receptacle.	**HBL61CM54**
Permits use of 30A 125V cable set, HBL61CM08, with 50A 125V Twist-Lock receptacle, HBL63CM70.	**HBL61CM55**
Permits use of 50A 125V cable set, HBL61CM53, with 30A 125V Twist-Lock receptacle, HBL26CM10.	**HBL61CM56**
Permits use of 50A 125/250V Twist-Lock locking type cable set, HBL61CM52, with 50A 125/250V crow foot straight blade receptacle HBL7962.	**HBL61CM59**
Permits use of 30A 125V cable set, HBL61CM08, with 50A 125/250V Twist-Lock receptacle, HBL63CM69.	**HBL61CM71⌃**
Permits use of 50A 125V cable set, HBL61CM53, with 50A 125/250V Twist-Lock receptacle, HBL63CM69.	**HBL61CM72⌃**
Permits use of 15A 125V 3 wire straight blade plug with 15 or 20A 125V 2 wire straight blade receptacle.	**HBL5273L †**
Permits a 100 amp 125/250 volt cable set to plug into a single 50 amp 125/250 volt outlet.	**HBL61CM100**
Permits use of 15A straight blade plug with 30A 125V Twist-Lock receptacle; with GFCI protection.	**HBL105GF**

Notes: † UL listed.
  Adapters do not provide overcurrent protection.
  Adapters do not provide GFCI protection except HBL105GF.
  ⌃The male plug end (50A 125/250V) has a blade removed and the blade slot
    filled with epoxy. Omitting the blade ensures achieving 125V safely.

HBL61CM22

HBL61CM25

HBL61CM54

HBL61CM55

HBL61CM56

HBL61CM59

HBL105GF

HBL61CM100

HBL61CM71⌃

HBL61CM72⌃

Marine Products
Molded Y Adapters

IP65
SUITABILITY

Molded Y Adapters

Description	Catalog Numbers
Permits use of two 30A 125V cable sets, HBL61CM08, with one 50A 125/250V receptacle, HBL63CM69.	**HBL64CM54**
Permits use of two 50A 125V cables sets, HBL61CM53, with one 50A 125/250V receptacle, HBL63CM69.	**HBL64CM55**
Permits use of two 30A 125V cable sets, HBL61CM08, with one 30A 125V receptacle, HBL26CM10.	**HBL64CM56**
Permits use of two 30A 125V cable sets, HBL61CM08, with one 50A 125V receptacle, HBL63CM70.	**HBL64CM57**
Permits use of two 30A 125V cable sets, HBL61CM08, with one 50A 125/250V crow-foot straight receptacle, HBL7962.	**HBL64CM59**

Notes: The adapters shown on this page are not UL Listed because of the nature of adapters with their variety of ratings.
Adapters do not provide overcurrent protection.
Adapters do not provide GFCI protection except HBL105GF.

HBL64CM54

HBL64CM55

HBL64CM56

HBL64CM59

HBL64CM57

Telephone and Cable TV Devices
Ship-to-Shore Devices

HBLPHTVNM

HBLPHTVSS

HBLTVSS

PH6625

PH6624

PH7440

Telephone and Cable TV Ship-to-Shore Devices

Description	Catalog Numbers
Stylized non-metallic inlet provides telephone and cable TV connections in one unit. UV resistant white Centrex® cover makes unit weatherproof when completely closed. Mounting holes are 2.38 in. (60.3) on centers and match existing mounting patterns. Mounting screws and gasket provided. **IP56 SUITABILITY.**	HBLPHTVNM
Stylized Type 316 stainless steel inlet provides telephone and cable TV connections in one unit. Easy to use push-button latch makes unit watertight when fully engaged. Mounting holes are 2.38 in. (60.3) on centers and match existing mounting patterns. Mounting screws and gasket provided. **IP56 SUITABILITY.**	HBLPHTVRI Δ
Traditional stainless steel inlet provides connections for telephone and cable TV in one unit. Connections can be used individually or together. Gasketed cover is self-closing so interior is shielded from the elements when not in use. Watertight when cover is screwed in place. Mounting holes are 2.38 in. (60.3) on centers. Mounting screws and gasket included. **IP56 SUITABILITY.**	HBLPHTVSS
Same as HBLPHTVSS above except no phone.	HBLTVSS
Replacement int. for PH6594TV and HBLPHTVSS series inlets.	CR16914
Factory pre-wired 50 ft. (15.2m) telephone cable set. Uses 3 conductor, #16 AWG type SJTO, yellow vinyl cord for marine and recreational vehicle applications. **IP55 SUITABILITY.**	PH6599
Same as PH6599 except white.	PH6599W
Same as PH6599 except 25 ft. (7.6m) in length.	PH6598
Same as PH6598 except white.	PH6598W
Black locking type plug for telephone cable sets or adapters.	PH6625
Black locking type connector body used on telephone cable sets or adapters.	PH6624
Yellow Seal-Tite® cover for weatherproofing PH6624 connector body on cable sets when connecting to an inlet and for weatherproofing PH6625 plug. **IP55 SUITABILITY.**	PH7440
Yellow Seal-Tite cover for weatherproofing PH6624 connector body when used on extension cords or adapters. **IP55 SUITABILITY.**	PH7499

Note: Δ To be discontinued when present stocks are exhausted.

PH6599
PH6599W
PH6598
PH6598W

Centrex® is a registered trademark of LANXESS Corporation.

Marine Products
Telephone and Cable TV Devices
Ship-to-Shore Devices

IP55
SUITABILITY

Telephone and Cable TV Ship-to-Shore Devices

Description	Catalog Numbers
Black polycarbonate combination telephone/TV outlet with spring-loaded weatherproof lift cover. Can be wired for telephone service only or for telephone and MATV/CATV services in one FS/FD box in both marinas and RV parks. Can be padlocked to prevent unauthorized use.	PH6597TV
Black polycarbonate telephone outlet has gasketed, spring-loaded lift cover for weatherproofing. Designed for mounting to FS/FD type weatherproof boxes (like PH6619) in both marinas and RV parks.	PH6597
Black polycarbonate cable TV outlet has coax connector and gasketed, spring-loaded lift cover for weatherproofing. Designed for mounting to FS/FD type weatherproof boxes (like PH6619) in both marinas and RV parks.	TV97
Black polycarbonate telephone outlet has gasketed, spring-loaded lift cover for weatherproofing. Can be used to retrofit old style telephone outlets of Pauluhn Manufacturing Company (2833 and 2843) in both marinas and RV parks.	PH6596
Black non-metallic FS box with ¾ in. threaded hubs used for mounting phone and TV outlets and PH6595 recreational vehicle inlet (see PH6621 for mounting box on recreational vehicle). Cord connector included for strain relief and to maintain watertight integrity of box when cable is used. PVC adapter also included for connection of PVC conduit to box.	PH6619
Stainless steel bracket for mounting PH6619 FS box to recreational vehicles when used with PH6595 inlet.	PH6621
Black polycarbonate RV inlet for telephone connection only. Has spring-loaded, gasketed weatherproof lift cover designed for mounting to FS/FD type weatherproof boxes.	PH6595
50 ft. (15.2m) yellow jacketed ship-to-shore TV cable set is the industry standard 75 Ohm, RG59-U with male plugs on both ends. Adapter included for a quick, slip-on connection to inlet on boat.	TV99
Same as TV99 except white.	TV99W
Same as TV99 except 25 ft. (7.6m) in length.	TV98
Same as TV98 except white.	TV98W

PH6597TV

TV97

PH6597

PH6596

PH6619

PH6595

TV99
TV99W
TV98
TV98W

Marine Products
30 Ampere, 28 Volt DC Rated
Electric Fishing Reel Devices

HBL328DCR

HBL328DCP

HBL328DCC

HBL6080

HBL74CM25WOA

Electric Fishing Reel Devices
Hubbell has a DC rated electrical system designed specifically for larger electric fishing reel systems.

Up until now, larger electric fishing reel systems typically utilized conventional 30 Amp AC rated devices since an appropriately rated DC system was not available.

The system features a corrosion resistant plug, connector body and receptacle and can be used along with a Hubbell outlet box and weatherproof cover plate to complete the installation. These devices are all rated at 28 volts DC and are applicable for all 12, 24 and 32 volt DC fishing reel systems. The devices are UL listed and CSA certified. All devices are made of high-visibility yellow nylon that is impact resistant and U. V. stabilized for longer life. Also, the contacts are nickel plated for corrosion resistance.

Electric Fishing Reel Devices

Description	Catalog Numbers
Yellow locking single receptacle with abuse-resistant face. Can be mounted in Hubbell box HBL6080 and used with HBL74CM25WOA weatherproof plate.	HBL328DCR
Yellow locking plug has rugged nylon housing and rear dust seal to keep dust and foreign matter out.	HBL328DCP
Yellow locking connector body has rugged, nylon housing and rear dust seal to keep dust and foreign matter out.	HBL328DCC

Accessories

Description	Catalog Numbers
Black phenolic type FD (deep) weatherproof box has two ¾ in. (19.1) I.P.S. molded-in knockouts. 4.56 in. H x 2.94 in. W x 3.25 in. D (115.9 x 74.6 x 82.6) and has 22 cubic inch capacity.	HBL6080
Spring-loaded lift cover, for weatherproofing HBL328DCR outlet. Yellow in color.	HBL74CM25WOA
Same as HBL74CM25WOAW except white in color.	HBL74CM25WOAW
Same as HBL74CM25WOAW except gray in color.	HBL7425WOA

Marine Products
12 Volt DC Rated Switches
Panel Mount Toggle and Rocker Switches

KEY CHART

M11SP	M11LRGSP	M11LTR	MR11SP	MR123LRSP
1. Toggle switch Fits panels up to ¼ in. thick when not using the back-up nut provided; fits panels up to ³⁄₁₆ in. thick when using the back-up nut. Requires a ½ in. mounting hole.	**2. Lighted toggle switch** Built-in pilot light (R=red, G=green) for night vision. Same panel specs as 1.	**3. Lighted-tip toggle switch** Red pilot light visible in tip of toggle only. Same panel specs as 1.	**4. Rocker switch** Requires a 1½ in. high x ⅞ in. wide rectangular opening.	**5. Lighted rocker switch** Built-in pilot light for night vision. Same panel specs as 4.

	Typical Applications	Description	Catalog Numbers	Key
M11SP	Lights, bilge blower, bilge pump(s), accessories	Single pole, single throw. On/Off.	M11SP M11LRSP M11LRGSP M11LTR MR11SP MR11LRSP	1 2 2 3 4 5
M123SP	Horn, starter, winches, gauges	Single pole, single throw. Momentary On/Off.	M11MSP* M11LTRM MR11MSP	1 3 4
	Bilge pumps, speed selector, lights, navigation lights	Single pole, double throw. On/Off/On.	M123SP M123LTR MR123SP MR123LRSP	1 3 4 5
M21SP	Bilge pumps	Single pole, double throw. Momentary On/Off/On.	M123MSP MR123MSP	1 4
	Trim Tabs	Single pole, double throw. Momentary On/Off/Momentary On.	M123MMSP MR123MMSP	1 4
M223SP	Lights, accessories	Double pole, single throw. On/Off.	M21SP MR21SP	1 4
	Navigation lights, wipers, dual fuel tanks	Double pole, double throw. On/Off/On.	M223SP MR223SP MR223LRSP	1 4 5
	Navigation lights, windlass	Double pole, double throw. On/Off/On (with jumper).	M223JSP	1
MSB1	Winches, trim tabs, dual fuel tanks	Double pole, double throw. Momentary On/Off/Momentary On.	M223MMSP MR223MMSP	1 4
	Provides positive seal against moisture, oil, etc. Fits any non-lighted toggle switch.	Black silicone rubber boot bonded to brass nut.	MSB1	
MH11	For remote operation of horn.	Push-button horn switch with ¹⁵⁄₃₂ in. long nickel plated brass mounting stem. Terminals are .25 in. spade.	MH11	
MHB11	Fits MH11 horn switch.	Black push-button (horn) boot.	MHB11	

Marine Products
15 Ampere, 125 Volt AC Twist-Lock® Devices
2 Pole 3 Wire

15A 125V
NEMA L5-15R
UL/CSA

15A 125V AC Twist-Lock® Devices

Description	Catalog Numbers
Yellow duplex receptacle has heat resistant body. **IP20** SUITABILITY.	**HBL47CM00**
Yellow Valox® spring-loaded lift cover for weatherproofing duplex receptacles. Stainless steel screws and neoprene gasket included for mounting to FS/FD type weatherproof boxes. **IP20** SUITABILITY.	**HBL52CM21**
Same as HBL52CM21 except white in color.	**HBL52CM21W**
Same as HBL52CM21 except gray in color.	**HBL5221**
Same as HBL52CM21 except for mounting to standard boxes.	**HBL52CM22**
Same as HBL52CM22 except gray in color.	**HBL5222**
Yellow Insulgrip® plug has rugged nylon housing and detachable cord grip with range of .30–.69 in. (7.5–17.4) that utilizes a unique offset jaws arrangement to provide secure strain relief.	**HBL47CM20C**
Short yellow Seal-Tite® cover for weatherproofing HBL47CM20C Insulgrip plug when used with receptacles or connector bodies. Also can be used to weatherproof HBL47CM29C Insulgrip connector body when used with HBL47CM16 flanged inlet. **IP55** SUITABILITY.	**HBL60CM23+**
Yellow Insulgrip connector body has rugged nylon housing and detachable cord grip with range of .30–.69 in. (7.5–17.4) that utilizes a unique offset jaws arrangement to provide secure strain relief.	**HBL47CM29C**
Yellow Seal-Tite cover for weatherproofing HBL47CM29C Insulgrip connector body when used on extension cords and adapters. **IP20** SUITABILITY.	**HBL60CM24+**
Panel mount flanged outlet has heat resistant melamine interior and stainless steel casing. **IP20** SUITABILITY.	**HBL47CM15**
Panel mount flanged inlet has heat resistant melamine interior and stainless steel casing. **IP20** SUITABILITY.	**HBL47CM16**
Three conductor, #14 AWG type STW, yellow PVC jacketed portable cord has jute fillers for added flexibility and is ideal for making cable sets, extension cords and adapters as it will not mark the boat's deck. Available in 250 ft. (76.2m) length only.	**YC314250**

Note: + Boots are not UL listed.

HBL47CM00

HBL52CM21

HBL47CM20C

HBL60CM23

HBL47CM29C

HBL47CM15

HBL47CM16

HBL60CM24

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

Marine Products
15 Ampere, 125 Volt AC Straight Blade Devices
2 Pole 3 Wire

IP20
SUITABILITY

G
W
15A 125V
NEMA L5-15R
UL/CSA

15A 125V AC Straight Blade Devices

Description	Catalog Numbers
Yellow single receptacle features Rynite® body and abuse resistant nylon face.	HBL52CM61
Yellow corrosion resistant duplex receptacle. Use where salt or other corrosive elements are a problem.	HBL52CM62
Same as HBL52CM62 except ivory.	HBL52CM62I
Yellow Insulgrip® plug has rugged nylon housing and detachable cord grip with range of .23–.72 in. (5.8–18.3) that utilizes a unique offset jaws arrangement for secure strain relief.	HBL52CM66C
Yellow Seal-Tite® cover for weatherproofing straight blade Insulgrip plugs, HBL52CM66C and HBL53CM66C, when used with receptacles and connector bodies. Can also be used to weatherproof Insulgrip connector bodies when mating with flanged inlets. **IP55 SUITABILITY**. Not UL or CSA. Note: For Insulgrip® devices only.	HBL60CM17+
Yellow Insulgrip connector body has rugged nylon housing and detachable cord grip with range of .23–.72 in. (5.8–18.3) that utilizes a unique offset jaws arrangement for secure strain relief.	HBL52CM69C
Yellow Seal-Tite cover for weatherproofing straight blade Insulgrip connector bodies, HBL52CM69C and HBL53CM69C, on extension cords and adapters. **IP55 SUITABILITY**. Not UL or CSA. Note: For Insulgrip devices only.	HBL60CM18+
Yellow Valise® plug has one-piece nylon housing that assembles easily with two screws. Built-in cord grip has range of .22–.66 in. (5.6–16.8).	HBL52CM66V
Yellow Valise connector body has one-piece nylon housing that assembles easily with two screws. Built-in cord grip has range of .22–.66 in. (5.6–16.8).	HBL52CM69V
Yellow Insulgrip® plug with anchor locking screw to prevent accidental pull-out. The plug is "locked" into the receptacle when the screw is turned down so the head is flush with the plug surface. The cord grip range is .30–.69 in. (7.5–17.4). UL Recognized Component.	HBL52CM80C
Compact gray nylon panel mount inlet ideal for bass boat battery charging connection. Has gasketed spring-loaded lift cover for weatherproofing front and neoprene boot for weatherproofing rear. Will accept both 15A 125V and 20A 125V 2 pole 3 wire straight blade connector bodies.	HBL61CM64
Same as HBL61CM64 except black in color.	HBL61CM64BK
Yellow Valox® spring-loaded lift cover for weatherproofing duplex receptacles. Stainless steel screws and neoprene gasket included for mounting to FS/FD type weatherproof boxes.	HBL52CM21
Same as HBL52CM21 except gray in color.	HBL5221
Same as HBL52CM21 except for mounting to standard boxes.	HBL52CM22
Same as HBL52CM22 except gray in color.	HBL5222
Yellow Valox spring-loaded lift cover for weatherproofing single straight blade receptacles. Stainless steel screws and neoprene gasket included. For mounting to FS/FD type weatherproof boxes. **IP44 SUITABILITY.**	HBL74CM23WO
Same as HBL74CM23WO except gray in color.	HBL7423WO

Note: + Boots are not UL listed.
* Refer to page iv for TR and WR descriptions.

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HBL52CM61   HBL52CM62

HBL52CM66C

HBL52CM69C

HBL52CM66V

HBL52CM69V

HBL52CM80C

HBL74CM23WO

HBL61CM64

Rynite® is a registered trademark of E. I. DuPont.
Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

Marine Products
20 Ampere, 125 Volt Twist-Lock® Devices
2 Pole 3 Wire

Plugs, receptacles and connectors only.

20A 125V
NEMA L5-20R
UL/CSA

20A 125V Twist-Lock® Devices

Description	Catalog Numbers
Yellow single receptacle has Rynite® body and abuse resistant nylon face. **IP20 SUITABILITY.**	**HBL23CM10**
Yellow polycarbonate spring-loaded lift cover for weather-proofing HBL23CM10 receptacle. Meets the most stringent requirements of UL's three listing categories for weatherproof plates. Stainless steel screws and neoprene gasket included for mounting to FS/FD type weatherproof boxes. **IP44 SUITABILITY.**	**HBL74CM25WOA**
Same as HBL74CM25WOA except gray in color.	**HBL7425WOA**
Same as HBL74CM25WOA except white in color.	**HBL74CM25WOAW**
Yellow Insulgrip® plug has rugged nylon housing and cord grip with range of .36–.93 in. (9–24) that utilizes a unique offset jaws arrangement to provide secure strain relief. **IP20 SUITABILITY.**	**HBL23CM11**
Yellow Seal-Tite® cover for weatherproofing HBL26CM11 or HBL23CM11 plugs. **IP55 SUITABILITY**. Note: Fits Insulgrip devices only.	**HBL60CM31+**
Same as HBL60CM31 except white in color.	**HBL60CM31W+**
Yellow Insulgrip connector body has rugged nylon housing and cord with range of .36–.93 in. (9–24) that utilizes a unique offset jaws arrangement to provide secure strain relief. **IP20 SUITABILITY.**	**HBL23CM13**
Yellow Seal-Tite cover for weatherproofing HBL26CM13 or HBL23CM13 connector bodies when used on extension cords or adapters. **IP55 SUITABILITY.** Note: Fits Insulgrip devices only.	**HBL60CM32+**
Yellow vinyl Seal-Tite cover for weatherproofing HBL23CM13V or HBL26CM13V connector bodies. **IP55 SUITABILITY.** Note: Fits Valise® devices only.	**HBL60CM32V+**
Yellow Valise plug has one-piece nylon housing, assembles easily with two screws. Built-in cord grip has range of .33–.72 in. (8.3–18.2). **IP20 SUITABILITY.**	**HBL23CM11V**
Yellow Seal-Tite cover for weatherproofing HBL23CM11V or HBL26CM11V plugs. **IP55 SUITABILITY.** Note: Fits Valise devices only.	**HBL60CM31V+**
Three conductor, #12 AWG type STW, yellow PVC jacketed portable cord with jute fillers for added flexibility. Ideal for making cable sets, extension cords and adapters as will not mark boat's deck. Available in 250 ft. (76.2m) length only.	**YC312250**

Note: + Boots are not UL listed.

HBL23CM10

HBL74CM25WOA

HBL23CM11

HBL60CM31

HBL60CM32

HBL23CM11V

HBL26CM13

HBL60CM32V

HBL60CM31V

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Marine Products
20 Ampere, 125 Volt AC Straight Blade Devices
2 Pole 3 Wire

20A 125V AC Straight Blade Devices

20A 125V
NEMA L5-20R
UL/CSA

Description	Catalog Numbers
Yellow Insulgrip® plug has rugged nylon housing and detachable cord grip with range of .23–.72 in. (5.8–18.3) that utilizes unique offset jaws arrangement to provide secure strain relief. **IP20** SUITABILITY.	**HBL53CM66C**
Yellow Insulgrip connector body has rugged nylon housing and cord grip with range of .23–.72 in. (5.8–18.3) that utilizes unique offset jaws arrangement for secure strain relief. **IP20** SUITABILITY.	**HBL53CM69C**
Yellow Seal-Tite® cover for weatherproofing straight blade Insulgrip connector bodies, HBL52CM69C and HBL53CM69C, on extension cords and adapters. **IP55** SUITABILITY. Note: For Insulgrip devices only.	**HBL60CM18+**
Yellow closure plug used with HBL60CM18 long Seal-Tite cover to prevent water from entering front of device when not in use. **IP55** SUITABILITY.	**HBL60CM19+**
Yellow Seal-Tite cover for weatherproofing straight blade Insulgrip® plugs, HBL52CM66C and HBL53CM66C, when used to mate receptacles and connector bodies. Can also be used with Insulgrip connector bodies when mating with flanged inlets. **IP55** SUITABILITY. Note: For Insulgrip devices only.	**HBL60CM17+**
Yellow duplex receptacle has Rynite® body. Receptacle accepts both 20A 125V and 15A 125V 2 pole 3 wire straight blade plugs. **IP20** SUITABILITY.	**HBL53CM62**
Single version of HBL53CM62 duplex yellow receptacle. **IP20** SUITABILITY.	**HBL53CM61**
Compact gray nylon panel mount outlet ideal for electric trolling motors and reel applications. Features gasketed spring-loaded lift cover for weatherproofing front and neoprene boot for weatherproofing rear. Accepts both 20A 125V and 15A 125V 2 pole 3 wire straight blade plugs. **IP55** SUITABILITY.	**HBL61CM65**
Yellow polycarbonate spring-loaded lift cover for weatherproofing duplex receptacles. Stainless steel screws and neoprene gasket included for mounting to FS/FD type weatherproof boxes. **IP20** SUITABILITY. Not CSA.	**HBL52CM21**
Same as HBL52CM21 except white in color.	**HBL52CM21W**
Same as HBL52CM21 except gray in color.	**HBL5221**
Same as HBL52CM21 except for mounting to standard boxes.	**HBL52CM22**
Same as HBL52CM22 except gray in color.	**HBL5222**
Yellow polycarbonate spring-loaded lift cover for weatherproofing single straight blade receptacles. Stainless steel screws and neoprene gasket included. For mounting to FS/FD type weatherproof boxes. **IP44** SUITABILITY. Not CSA.	**HBL74CM23WO**
Same as HBL74CM23WO except gray in color.	**HBL7423WO**

Note: + Boots are not UL listed.

HBL53CM66C

HBL53CM69C

HBL60CM18
HBL60CM19

HBL60CM17

HBL53CM62

HBL52CM21

HBL74CM23WO

HBL61CM65

HBL53CM61

Rynite® is a registered trademark of E. I. DuPont.

Marine Products
Portable Ground Fault Circuit Interrupters and Testers

GFP15M

GFT2G

HBL5200

GFP315A

GFP6C15M
GFP25C15M

Portable Ground Fault Circuit Interrupters (GFCIs)
These UL Listed portable GFCIs have been designed to protect people from line-to-ground electrical shock hazards which may develop from faulty appliance, tools or defective portable cords. If a ground fault does occur and the leakage level exceeds 4 to 6 milliamperes, the GFCI unit quickly acts to protect the user by opening the circuit, thus interrupting the power supply and limiting the duration of any electrical current flow. After tripping, the module is reset by pushing a button on its face. A test button allows the user to test that the GFCI is in working order.

Note: GFCI devices will not protect against overloads or short circuits.

Portable Ground Fault Circuit Interrupters and Testers

Description	Catalog Numbers
This unit is small and compact—measuring only 4.19 in. H x 5.19 in. L x 6.69 in. W (10.6cm x 13.2cm x 17.0cm) and weighing only 3 pounds—yet protects as many as four tools at one time. The housing is high-impact yellow polycarbonate as are the liftcovers which protect the receptacles from dirt and damage. Simply insert the plug on the end of the 6 foot (1.8m) cord into any 60Hz 120V receptacle and then plug the equipment to be used into one of the receptacles on the unit. Incorporates a 20 Amp GFCI module that can be replaced in the field. The module provides not only ground fault protection, but also contains the no voltage release feature.	GFP15M
3-outlet plug-in unit. Plugs into boat convenience receptacles to provide ground fault protection.	GFP315A
This unit is designed to measure the trip level of GFCI portables, receptacles, or breakers within any range from 2 to 7 milliamperes, or the leakage in portable tools or appliances within a leakage range of 1 to 7 milliamperes. It can be used on any AC circuit of 110 to 130V.	GFT2G
This outlet circuit tester has a simple arrangement of neon lights which visually indicate correct wiring, reversed polarity, open ground wire, open neutral wire, open hot wire, hot and ground reversed and hot wire on neutral terminal, and hot terminal unwired. Simply plug the HBL5200 into a single phase 125V 2 pole 3 wire outlet and the combination of lighted and/or unlighted lamps will immediately indicate the condition of the circuit. The instructions and symbol identification are printed on durable polyester labels permanently attached to the tester. To test other 2 pole 3 wire single phase 125V outlets, use one of the proper adapters shown on pages 26 and 27.	HBL5200

GFCI Line Cord Devices
Ideal for personal plug-in protection at marinas and onboard boats when used with pumps, drills, sanders and all portable electrical equipment. GFCI mechanism is watertight and approved for outdoor use. High visibility yellow SJTW-A power cord resists moisture, chemicals and sunlight.

Two different lengths available.

GFP6C15M 6 ft. (1.8m) line cord
GFP25C15M 25 ft. (7.6m) line cord

GFCI Specifications
Rating: 15A 120V 60Hz 2 pole 3 wire straight blade
Trip Level: 4-6 milliamperes
Trip Time: .025 seconds nominal
Frequency: 60 Hertz nominal
Voltage: 120 volts +10%, -15%
Max Interrupting Capacity: 2,000 amperes
Max Humidity: 95%
UL Class A

Marine Products
GFCI and Surge Protection Receptacles
Inside the Boat

The American Boat and Yacht Council recommends the use of ground fault protected receptacles in a head, galley, machinery space or on a weather deck. Refer to ABYC "Ground Fault Protection".

Ground Fault Circuit Interrupter (GFCI) Receptacles
These UL Listed receptacles have been designed to protect people from line-to-ground electrical shock hazards which may develop from faulty appliance, tools or defective portable cords. If a ground fault does occur and the leakage level exceeds 4 to 6 milliamperes, the GFCI unit quickly acts to protect the user by opening the circuit, thus interrupting the power supply and limiting the duration of any electrical current flow. After tripping, the receptacle is reset by pushing a button on its face. A test button allows the user to test that the GFCI is in working order.

Note: All Hubbell GFCI receptacles are in compliance with new UL 943 Mandate. GFCI receptacles will not protect against overloads or short circuits. Due to 2006 UL 943 revisions, Hubbell Marine Ground Fault Receptacles now come with an LED that will flash if the receptacle is no longer capable of providing GFCI protection. This can occur due to power surges and/or lightning in the area. The new design will also prevent power going to the face when mis-wired.

Hubbell's GFCI receptacles can be mounted on any standard 2.50 inch (63.5) deep box. A feed-thru feature provides protection not only at that receptacle but also at any other receptacle located downstream from it on the same circuit.

These devices meet the requirements of The National Electric Code (NEC) and American Boat and Yacht Council Standard and will accept locking fork terminals. Ground Fault Receptacles are also available for OEM applications. Devices rated for 15A and 20A are available in brown, ivory, gray and white. Consult factory for details.

Caution: Ground Fault Receptacles should not be mounted in locations exposed to salt spray nor in the engine room. For GFCI protection of such locations, downstream feeding from an internally located Ground Fault Receptacle is recommended.

GFR5252MW

Close-Up View of Open Terminals

GFCI Receptacles and Surge Suppression Receptacles

Description	Catalog Numbers
15A 125V brown GFCI duplex receptacle. Brown nylon wall plate included.	GFR5252M
Same as GFR5252M except receptacle and plate are ivory.	GFR5252MI
Same as GFR5252M except receptacle and plate are white.	GFR5252MW
Same as GFR5252M except receptacle and plate are gray.	GFR5252MGY
Gray PVC weatherproof lift cover for ground fault receptacles (such as GFR5252M series) and Style Line® receptacles. For vertical mounting in standard or FS/FD type boxes.	CWP26CR
Same as CWP26CR except white.	CWP26CRW
Ivory duplex surge suppression receptacle with power on indicator light and damage-alert alarm beeper.	HBL5262ISA

CWP26CR

Surge suppression receptacles 15A 125V AC Nominal. UL Listed at 400V voltage protection level. Suitable for ANSI/IEEE C 62.41-installation categories "A" (outlets and long branch circuits) and "B" (major feeders and short branch circuits). The Hubbell Surge Suppression Receptacle helps protect your electronic equipment from damage caused by transient voltages. The receptacle contains metal oxide varisters which dissipate the electrical energy of voltage spikes without interfering with normal operations.

HBL5262ISA

Marine Products
Receptacles
15 and 20 Ampere, 125V AC

NEW

DR15WHITR

CR15

DR15GRYWRTR

CR15TR

BR15IWR

HBL5251

HBL5361I

HBL52CM62I

HBL8200ILI

Style Line® Decorator Receptacles

- High-impact nylon face resists breaking, chipping and cracking.
- Will accept locking fork terminal to comply with ABYC standards.
- Available in 4 colors for any decor with matching wall plates.
- Smooth, high-gloss finish for rich appearance.

Commercial Style Line® Decorator Series

Description	Color	Standard Duplex	Duplex Tamper Resistant	Duplex Weather and Tamper Resistant
15A 125V duplex receptacle.	Almond	DR15AL	DR15ALTR	DR15ALWRTR
	Black	DR15BLK	DR15BLKTR	DR15BLKWRTR
	Brown	DR15	DR15TR	DR15WRTR
	Gray	DR15GRY	DR15GRYTR	DR15GRYWRTR
	Ivory	DR15I	DR15ITR	DR15IWRTR
	Light Almond	DR15LA	DR15LATR	DR15LAWRTR
	Office White	DR15OW	–	–
	White	DR15WHI	DR15WHITR	DR15WHIWRTR

Commercial Series

Description	Color	Standard Duplex Spec Grade Side Wired	Duplex Tamper Resistant	Duplex Side and Back Wired, Weather and Tamper Resistant
15A 125V duplex receptacle.	Almond	CR15AL	CR15ALTR	BR15ALWRTR
	Black	CR15BLK	CR15BLKTR	BR15BLKWRTR
	Brown	CR15	CR15TR	BR15WRTR
	Gray	CR15GRY	CR15GRYTR	BR15GRYWRTR
	Ivory	CR15I	CR15ITR	BR15IWRTR
	Light Almond	CR15LA	CR15LATR	BR15LAWRTR
	Office White	CR15OW	–	–
	White	CR15WHI	CR15WHITR	BR15WHIWRTR

Notes: All devices above will accept locking fork terminal to comply with ABYC standards.
*   * Refer to page iv for TR and WR descriptions.*

Extra Heavy Duty Single Receptacles

Description	Color	Catalog Numbers
15A 125V single receptacle.	Brown	HBL5251
	Ivory	HBL5251I
20A 125V single receptacle.	Brown	HBL5361
	Ivory	HBL5361I

Corrosion Resistant Receptacles

Description	Catalog Numbers
15A 125V yellow corrosion resistant duplex receptacle. Use where salt or other corrosive elements are a problem.	HBL52CM62
Same as HBL52CM62 except ivory.	HBL52CM62I

Special Application Illuminated Receptacle

Description	Catalog Numbers
Illuminated receptacle 15A 125V grounding. A high quality receptacle with an illuminated face. Ideal for use in halls or as a gentle night light.	HBL8200ILI

Marine Products
Switches and Weatherproof Switch Plates
15 and 20 Ampere, 120-277V AC

Commercial Series

Description	Handle Color	Catalog Numbers
15A single-pole toggle switch for controlling AC load from one point.	Almond	**CS115AL**
	Brown	**CS115**
	Gray	**CS115GY**
	Ivory	**CS115I**
	Light Almond	**CS115LA**
	Office White	**CS115OW**
	White	**CS115W**
15A three-way toggle switch for controlling AC load from two points.	Almond	**CS315AL**
	Brown	**CS315**
	Gray	**CS315GY**
	Ivory	**CS315I**
	Light Almond	**CS315LA**
	Office White	**CS315OW**
	White	**CS315W**

Note: All devices above will accept locking fork terminal to comply with ABYC standards.

CS115I

HBL1221IL   **HBL1221PL**

Special Application Series

Description	Catalog Numbers
20A 120V toggle switch with neon lamp set in ivory handle. Handle illuminates when switch is in "OFF" position.	**HBL1221IL**
20A 120V three-way toggle switch with illuminated ivory handle for controlling AC load from two points. Handle illuminates when "OFF".	**HBL1223IL**
20A 120V single-pole toggle switch with neon lamp set in clear red handle. Handle illuminates when switch is "ON". Serves as instant reminder that current is flowing to an appliance.	**HBL1221PL**
20A 120V three-way toggle switch for controlling AC load from two points. Red handle illuminates when "ON".	**HBL1223PL**
Single-pole PresSwitch® for controlling AC load from one point. Switch activated brown button.	**HBL1281**
Same as HBL1281 except ivory button.	**HBL1281I**
Three-way PresSwitch® for controlling AC load from two points. Switch activated brown button.	**HBL1283**†
Same as HBL1283 except ivory button.	**HBL1283I**†
Yellow neoprene weatherproof plate for use only with PresSwitches. PresSwitch button is activated when bubble is pressed. Not CSA.	**HBL17CM50**†
Clear silicone rubber weatherproof bubble plate for use with all AC toggle switches and PresSwitches. Also ideal for use with lighted handle toggle switches. Not CSA.	**HBL1795**

Note: †Not UL Listed.

HBL1281   **HBL1283**

HBL17CM50   **HBL1795**

Outlet Box

Description	Catalog Numbers
Plastic switch/receptacle box. Measures 3.281" x 2.188" x 2.50" (83.3 x 55.6 x 63.5) deep. For mounting in walls without studs. A support strap is provided which pulls box tightly against back side of wall. Not CSA.	**HBL6079**

HBL6079
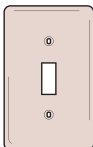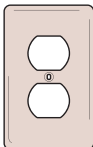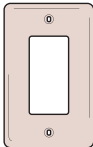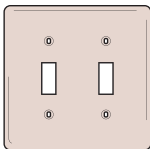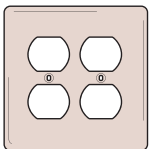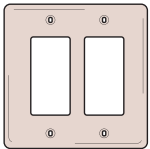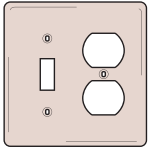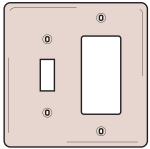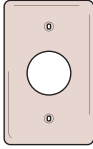
Marine Products
Wallplates
Inside the Boat

IMPROVED DESIGN

• Nylon plates—virtually unbreakable.
• Rounded corners for stylish look.
• Reinforced ribs for extra strength.
• Screws are factory-inserted for fumble-free installation.

Description	Color	Smooth Nylon		Smooth Metal	
		Standard	Mid-Size	Material	Catalog Numbers
1-Gang, 1-Toggle	Black	NP1BK	NPJ1BK	Brass	SB1
	Brown	NP1	NPJ1	Stainless Steel	SS1
	Gray	NP1GY	NPJ1GY		
	Ivory	NP1I	NPJ1I		
	White	NP1W	NPJ1W		
1-Gang, 1-Duplex	Black	NP8BK	NPJ8BK	Brass	SB8
	Brown	NP8	NPJ8	Stainless Steel	SS8
	Gray	NP8GY	NPJ8GY		
	Ivory	NP8I	NPJ8I		
	White	NP8W	NPJ8W		
1-Gang, 1-Decorator	Black	NP26BK	NPJ26BK	Brass	SB26
	Brown	NP26	NPJ26	Stainless Steel	SS26
	Gray	NP26GY	NPJ26GY		
	Ivory	NP26I	NPJ26I		
	White	NP26W	NPJ26W		
2-Gang, 2-Toggle	Black	NP2BK	NPJ2BK	Brass	SB2
	Brown	NP2	NPJ2	Stainless Steel	SS2
	Gray	NP2GY	NPJ2GY		
	Ivory	NP2I	NPJ2I		
	White	NP2W	NPJ2W		
2-Gang, 2-Duplex	Black	NP82BK	NPJ82BK	Brass	SB82
	Brown	NP82	NPJ82	Stainless Steel	SS82
	Gray	NP82GY	NPJ82GY		
	Ivory	NP82I	NPJ82I		
	White	NP82W	NPJ82W		
2-Gang, 2-Decorator	Black	NP262BK	NPJ262BK	Brass	SB262
	Brown	NP262	NPJ262	Stainless Steel	SS262
	Gray	NP262GY	NPJ262GY		
	Ivory	NP262I	NPJ262I		
	White	NP262W	NPJ262W		
2-Gang, 1-Toggle, 1-Duplex	Black	NP18BK	NPJ18BK	Brass	SB18
	Brown	NP18	NPJ18	Stainless Steel	SS18
	Gray	NP18GY	NPJ18GY		
	Ivory	NP18I	NPJ18I		
	White	NP18W	NPJ18W		
2-Gang, 1-Toggle, 1-Decorator	Black	NP126BK	NPJ126BK	Brass	SB126
	Brown	NP126	NPJ126	Stainless Steel	SS126
	Gray	NP126GY	NPJ126GY		
	Ivory	NP126I	NPJ126I		
	White	NP126W	NPJ126W		
1-Gang, 1-Single 1.40" Dia. Hole	Black	NP7BK	NPJ7BK	Brass	SB7
	Brown	NP7	NPJ7	Stainless Steel	SS7
	Gray	NP7GY	NPJ7GY		
	Ivory	NP7I	NPJ7I		
	White	NP7W	NPJ7W		
1-Gang, 1-Blank, Box Mount	Black	NP13BK	NPJ13BK	Brass	SB13
	Brown	NP13	NPJ13	Stainless Steel	SS13
	Gray	NP13GY	NPJ13GY		
	Ivory	NP13I	NPJ13I		
	White	NP13W	NPJ13W		

Marine Products
Communication Frames and Connectors

NEW

Hubbell now offers the ability to put 2 or 3 communication devices in a single, Style Line® plate.

Any combination of phone (6-position jack), cable TV (F-type connector) and Category 5e modular data jacks can be assembled onto a 2-port or 3-port frame—each sold individually so you can customize them as needed. Or the highly popular phone and cable TV combination is available with the frame and matching wallplate under a single catalog number, in all the popular colors.

Finally—a single communications plate that can take the place of 2 or 3 plates—available from a company you can trust for superior quality.

Hubbell's Marine communication frames and connectors deliver high quality data and multimedia transmission to the point of connection. Hubbell's 2 and 3 port Style Line frames and leading edge connections allow for customized configurations. Install Hubbell's Marine communication offering and be assured a reliable connection.

2 Port Communication Frame, Fully Loaded (6-Position Phone Jack, F-Type Cable TV Jack and Style Line® Plate Included)

Color	No. of Ports	Connection Type	Catalog Numbers
Ivory	2	USOC, F-Type	**NS783I**
White	2	USOC, F-Type	**NS783W**

NS783I

Style Line® Frames, 2 Port and 3 Port Unloaded

Color	No. of Ports	Connection Type	Catalog Numbers
Black	2	–	**NS612BK**
Gray	2	–	**NS612GY**
Ivory	2	–	**NS612I**
White	2	–	**NS612W**
Black	3	–	**NS613BK**
Gray	3	–	**NS613GY**
Ivory	3	–	**NS613I**
White	3	–	**NS613W**

NS612I

NS613I

Category 6 Modular Keystone Jacks

Color	Wiring	No. Positions	Catalog Numbers
Black	T568A/T568B	8-Positions	**NSJ6BK**
Gray	T568A/T568B	8-Positions	**NSJ6GY**
Ivory	T568A/T568B	8-Positions	**NSJ6I**
White	T568A/T568B	8-Positions	**NSJ6W**

NSJ6W

Category 5e Modular Keystone Jacks

Color	Wiring	No. Positions	Catalog Numbers
Black	T568A/T568B	8-Positions	**NSJ5EBK**
Gray	T568A/T568B	8-Positions	**NSJ5EGY**
Ivory	T568A/T568B	8-Positions	**NSJ5EI**
White	T568A/T568B	8-Positions	**NSJ5EW**

NSJ5EW

USOC Modular Keystone Jacks

Color	Wiring	No. Positions	Catalog Numbers
Black	USOC	6-Positions	**NSJUBK**
Gray	USOC	6-Positions	**NSJUGY**
Ivory	USOC	6-Positions	**NSJUI**
White	USOC	6-Positions	**NSJUW**

NSJUW

F-Type Connector Keystone

Color	Catalog Numbers
Black	**SFFGBK**
Gray	**SFFGGY**
Ivory	**SFFGEI**
White	**SFFGW**

SFFGEI

Marine Products
Boatyard Accessory Items
Marine Grade Outlet Box Hoods

IP66
SUITABILITY   Enclosures only.

Marine Grade Outlet Box Hoods

Description	Color	Mounting	Catalog Numbers
Standard Cover, 1-Gang, For Duplex, GFCI, Toggle and Single Receptacles, Diameter 1.34, 1.40, 1.60, 1.72, 2.03 and 2.15 inch	Gray	Horizontal or Vertical	**RW57500**
Deep Cover, 1-Gang, For Duplex, GFCI, Toggle and Single Receptacles, Diameter 1.34, 1.40, 1.60, 1.72, 2.03 and 2.15 inch	Gray	Horizontal or Vertical	**RW57600**
Deep Cover, 2-Gang, For Single Receptacles, Diameter 1.34, 1.40, 1.60, 1.72, 2.03 and 2.15 inch	Gray	Vertical	**RW57950**

RW57500

RW57600

RW57950

Nylon Watertight Strain Relief Cord Connectors

These Hubbell nylon cord connectors provide strain relief and a watertight seal where cable enters a piece of equipment, panel, or box. A patented GOTCHA® ring, with a split and hinge design, allows for better adjustment to the cord as the connector nut is tightened, providing superior cord gripping compared to other types. A soft neoprene bushing compresses to keep liquids out and allows the nut to be easily tightened.

Description	Catalog Numbers
A gray male PVC adapter with ¾ in. N.P.T. pipe thread for adapting PVC conduit to FS and FD boxes with ¾ in. N.P.T. hub (HBL6080, HBL6080OS, HBL60CM83). Not UL Listed.	HBL6085
Straight nylon cord connector, ½ in. N.P.T. hub size, diameter range .25–.38 in. (6.4–9.5).	HBL10CM22S
Straight nylon cord connector, ½ in. N.P.T. hub size, diameter range .38–.50 in. (9.5–12.7).	HBL10CM23S
Straight nylon cord connector, ¾ in. N.P.T. hub size, diameter range .38–.50 in. (9.5–12.7).	HBL10CM35S
Straight nylon cord connector, ¾ in. N.P.T. hub size, diameter range .50–.63 in. (12.7–15.9).	HBL10CM36S
Straight nylon cord connector, ¾" N.P.T. hub size, diameter range .63–.75 in. (15.9-19.1).	HBL10CM37S
Straight nylon cord connector, 1.0 in. N.P.T. hub size, diameter range .63–.75 in. (15.9-19.1).	HBL10CM41S

HBL6085

HBL10CM22S

IMPROVED DESIGN

Marine Products
Boatyard Accessory Items
Marine Grade Lift Covers

Marine Grade Weatherproof Plates

Description	Catalog Numbers
Yellow Valox® spring-loaded lift cover for weatherproofing duplex receptacles. Stainless steel screws and neoprene gasket included for mounting to FS/FD type weatherproof boxes. **IP20** SUITABILITY.	**HBL52CM21**
Same as HBL52CM21 except white in color.	**HBL52CM21W**
Same as HBL52CM21 except gray in color.	**HBL5221**
Same as HBL52CM21 except for mounting to standard boxes.	**HBL52CM22**
Same as HBL52CM22 except gray in color.	**HBL5222**
Yellow Valox spring-loaded lift cover for weatherproofing single straight blade receptacles. Stainless steel screws and neoprene gasket included. For mounting to FS/FD type weatherproof boxes. **IP44** SUITABILITY.	**HBL74CM23WO**
Same as HBL74CM23WO except gray in color.	**HBL7423WO**
Yellow Valox spring-loaded lift cover for weatherproofing old style 26CM10 receptacle. Meets the most stringent requirements of UL's three listing categories for weatherproof plates. Stainless steel screws and neoprene gasket included for mounting to FS/FD type weatherproof boxes. **IP44** SUITABILITY.	**HBL74CM24WO**
Same as HBL74CM24WO except gray in color.	**HBL7424WO**
Yellow Valox spring-loaded lift cover for weatherproofing HBL26CM10 receptacle. Meets the most stringent requirements of UL's three listing categories for weatherproof plates. Stainless steel screws and neoprene gasket included for mounting to FS/FD type weatherproof boxes. **IP44** SUITABILITY.	**HBL74CM25WOA**
Same as HBL74CM25WOA except white in color.	**HBL74CM25WOAW**
Same as HBL74CM25WOA except gray in color.	**HBL7425WOA**
Yellow Valox lift cover for weatherproofing 50A receptacles. Meets requirements of the most stringent of UL's three listing categories for weatherproof plates. Stainless steel screws and a neoprene gasket included. For mounting to FS/FD type weatherproof boxes. **IP44** SUITABILITY.	**HBL77CM74WO**
Same as HBL77CM74WO except gray in color.	**HBL7774WO**

HBL52CM21

HBL74CM23WO

HBL77CM74WO

Commercial Grade Weatherproof Plates
Available in a host of configurations—Twist-Lock® and straight blade receptacles in single or duplex as well as switches—these plates are perfect for marine use. The PVC resists deterioration over time and has high tensile and impact strength. Each plate comes with a tightly sealing, rubberized gasket and a super strong lift cover spring.

Commercial Grade Weatherproof Plates

Description	Catalog Numbers
Gray PVC weatherproof lift cover for toggle switches (such as CS115). For vertical mounting in standard or FS/FD type boxes.	**CWP1CR**
Gray PVC weatherproof lift cover for duplex receptacles (such as HBL52CM62). For vertical mounting in standard or FS/FD type boxes.	**CWP8CR**
Gray PVC weatherproof lift cover for ground fault receptacles (such as GF5252MGYA) and Style Line® receptacles. For vertical mounting in standard or FS/FD type boxes.	**CWP26CR**
Same as CWP26CR except white in color.	**CWP26CRW**

CWP1CR

CWP8CR

CWP26CR

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

Marine Products
Boatyard Accessory Items
Marine Grade Dockside Boxes and Covers

HBL6080

HBL60CM83

HBL60CM84

Marine Grade Dockside Boxes and Covers

Description	Catalog Numbers
Black phenolic type FD (deep) weatherproof box has two ¾ in. (19.1) I.P.S. molded-in knockouts. 4.56 in. H x 2.94 in. W x 3.25 in. D (115.9H x 74.6W x 82.6D) and has 22 cubic inch capacity.	HBL6080
Yellow fiberglass type FD (deep) weatherproof box has two ¾ in. (19.1) I.P.S. molded-in knockouts. 4.56 in. H x 2.94 in. W x 3.25 in. D (115.9H x 74.6W x 82.6D) and has 22 cubic inch capacity.	HBL60CM83
Yellow fiberglass type FD box same as HBL60CM83 - except has two 1.0 inch (25.4) I.P.S. molded-in knockouts.	HBL60CM84
Black phenolic type FS (shallow) weatherproof box has two ¾ in. (19.1) I.P.S. molded-in knockouts. 4.56 in. H x 2.94 in. W x 2.19 in. D (115.9H x 74.6W x 55.6D) and has 16 cubic inch capacity.	HBL6080OS
Black non-metallic FS box with ¾ in. threaded hubs used for mounting phone and TV outlets and PH6595 recreational vehicle inlet (see PH6621 for mounting box on recreational vehicle). Cord connector included for strain relief and to maintain watertight integrity of box when cable is used. PVC adapter also included for connection of PVC conduit to box.	PH6619
Black phenolic junction box with four ¾ in. (19.1) I.P.S. molded-in knock-outs. Has 4.13 in. (104.8) diameter and is 1.88 in. (47.6) deep.	HBL6081
Phenolic blank cover, ¼ in. (6.4) thick, for HBL6081 box.	HBL6082
Black phenolic blank cover plate for HBL6080OS.	HBL6087
Yellow Valox® blank cover plate for use with FS and FD type boxes.	HBL60CM88

HBL6080OS

HBL6081

HBL6087
HBL60CM88

PH6619

HBL6082

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Marine Products
Boatyard Accessory Items
Lighting and Lighting Fixtures

Non-Metallic Vapor-tight Incandescent Fixtures

These non-metallic, vapor-tight incandescent fixtures offer long life and trouble-free lighting in wet locations in marinas and on boats. Some features of these new units are:

- UV resistant, gray, glass filled thermoplastic polyester box, mounting adapters and globe guards resists abuse and harmful effects of the elements.
- Excellent temperature operating range of -40°F (-40°C) to +302°F (150°) for use in areas with wide temperature variations or extreme ambient temperatures.
- High temperature silicone gasketing maintains integrity and molded threads for ease of installation/removal.
- Heat resistant glass globe withstands thermal shock in wet locations and has thread type mounting to assure weathertight sealing.
- High strength protective globe guard helps prevent accidental globe and lamp breakage.
- Accommodates Type A incandescent lamps up to 150 watts.
- UL 1598 Standard for luminaries.
- UL 1598A Marine type luminaries.

NVX15GHGA

Lighting and Lighting Fixtures

Description	Catalog Numbers
Ceiling mount non-metallic, vapor-tight incandescent luminaries including the fixture, mounting box, guard and heat resistant glass globe. Accepts up to 150 watt Type A incandescent lamp (not included).	NVX15GHGA
Pendant mount non-metallic, vapor-tight incandescent luminaries including fixture, mounting cap, guard and heat resistant glass globe. Accepts up to 150 watt Type A incandescent lamp (not included).	NVA15GHGA
Wall mount bracket only to adapt NVX15GHGA ceiling mount fixture to a wall mount fixture. Order NVBA and NVX15GHGA to get wall mount fixture.	NVBA
Replacement guard to NVX15GHGA and NVA15GHGA.	NVGA
Heat resistant replacement globe for NVX15GHGA and NVA15GHGA. Made of tempered glass.	VCGP100

NVA15GHGA

NVBA

Marine Products
Electrical Standards

Codes and Specifications

ABYC Standard, July 2001, Excerpts.

8.4   DEFINITIONS – For the purposes of this standard, the following definitions apply.

Ground fault circuit interrupter (GFCI) – A device intended for the protection of personnel that functions to de-energize a circuit, or portion thereof, within an established period of time when a current to ground exceeds some predetermined value that is less than that required to operate the overcurrent protective device of the supply circuit.

Watertight – So constructed that water will not enter the enclosure under the test conditions specified in NEMA standard 250.

Weatherproof – Constructed or protected so that exposure to the weather will not interfere with successful operation.

8.12   GROUND FAULT PROTECTION

8.12.1   If installed, a ground fault protector (GFP) shall only be used to protect equipment.
NOTE: A ground fault circuit interrupter (GFCI) may be used on single phase AC circuits to provide additional protection for personnel and equipment.

8.12.2   GFCI and GFP breakers shall meet the requirements of Underwriters Laboratories standard UL 943, Ground Fault Circuit Interrupters, and the requirements of UL 489, Molded Case Circuit Protectors for Circuit Breaker Enclosures.
8.12.3   GFCI and GFP breakers may be installed as panelboard feeder breakers to protect all associated circuits or in individual branch circuits.

8.12.4   Single-pole GFCI and GFP breakers shall only be used if:

8.12.4.1   the single phase 120 volt system has a polarity indicator, or

8.12.4.2   the system uses either a polarization transformer, or the system is 120/240 volts.

8.12.5   GFCI receptacle devices shall meet the requirements of Underwriters Laboratories standard UL 943, Ground Fault circuit Interrupters, and the requirements of UL 498, Electrical Attachment Plugs and Receptacles.

8.12.6   GFCI receptacle devices may be installed as part of a convenience outlet installation either in single outlet applications or in multiple feed through installations. See ABYC E-8.17.8.

NOTE: Isolation transformer primary main breakers – GFP breakers may be installed as the main breaker on the primary side of isolation transformers. See E-8.23, Diagram 8 and Diagram 11. This GFP breaker will provide ground fault protection only for the primary winding of the transformer. Protection for circuits supplied by the secondary winding of the transformer may be provided in accordance with ABYC E-8.11.4, E-8.11.5, E-8.11.6.3, and E-8.12.4.

8.16   SWITCHES

8.16.1   Switches used in branch circuits shall simultaneously open all ungrounded conductor(s) of the branch circuit.

8.16.2   Switches shall have voltage ratings not less than the system voltage, current ratings not less than the connected load, and shall be rated for the type of load, i.e., inductive or resistive.

8.17   RECEPTACLES

8.17.1   Receptacles shall be installed in boxes that meet the requirements of UL 514A, Metallic Outlet Boxes, or 514C, Nonmetallic Outlet Boxes, Flush Device Boxes and Covers 514.D Cover plates for flush mounted wiring devices.

8.17.2   Receptacles shall be of the grounding type with a terminal provided for the grounding (green) conductor as shown in Figure 10 and Figure 11.

8.17.3   Receptacles and matching plugs used on AC systems shall not be interchangeable with receptacles and matching plugs used on DC systems.

8.17.4   Power wiring for receptacles shall be connected so that the grounded (white) conductor attaches to the terminal identified by the word "white" or a light color (normally white or silver). The ungrounded conductors(s) shall be attached to the terminal(s) identified by a dark color (normally brass or copper) and, optionally, the letters X, Y, and Z or L1, L2, and L3.

8.17.5   A branch circuit supplying a combination of receptacle loads and permanently connected loads shall not supply fixed loads in excess of the following:

8.17.5.1   600 watts for a 15 ampere circuit;

8.17.5.2   1000 watts for a 20 ampere circuit.

NOTE: Refer to E-8.18.5 for load calculations.

8.17.6   Receptacles shall be installed in locations not normally subject to rain, spray, or flooding, but, if receptacles are used in such areas, the following shall apply:

8.17.6.1   Receptacles installed in locations subject to rain, spray, or splash shall be weatherproof as may be provided by a spring loaded, self closing cover.

8.17.6.2   Receptacles installed in areas subject to flooding or momentary submersion shall be of a watertight design as may be provided by a threaded, gasketed cover.

8.17.7   Receptacles provided for the galley shall be located so appliance cords can be plugged in without crossing a traffic area, galley stove, or sink.

8.17.8   If installed in a head, galley, machinery space, or on a weather deck, the receptacle shall be protected by a Type A (nominal 4-6 milliamperes) Ground Fault Circuit Interrupter (GFCI). See ABYC E-8.12.

NOTE: GFCI receptacle devices are not necessarily ignition protected per ABYC E-8.9.1.

8.22   SHORE POWER SUPPLY

8.22.1   Power Inlet – The receptacle, or receptacles, installed to receive a connecting cable to carry AC shore power aboard shall be a male type connector.

8.22.1.1   Power inlets installed in locations subject to rain, spray, or splash shall be weatherproof whether or not in use.

8.22.1.2   Power inlets installed in areas subject to flooding or momentary submersion shall be of a watertight design whether or not in use.

8.22.1.3   Metallic power inlets installed on metallic boats using an isolation transformer or a galvanic isolator shall be insulated from metallic structure and components. On nonmetallic boats using an isolation transformer or a galvanic isolator the power inlet shall be insulated from metallic components connected to the boat's ground.

8.22.2   Shore Power Cable – On each boat equipped with an AC shore power system, a shore power cable that contains the conductors for the power circuit and a grounding (green) conductor shall be provided.

8.22.2.1   Except where the shore power cable is permanently connected to the boat, the boat end of this cable shall be terminated with a locking and grounding female type connector to match the boat power inlet. See Figure 11 and Figure 12.

8.22.2.2   The shore power cable shall be flexible cord with the minimum properties of Type SO, ST, STO, SEO, or STOOW, and shall be suitable for outdoor use. The shore connection end of this cable shall be fitted with a locking and grounding type plug with the required number of poles and shall comply with the National Electrical Code. See Figure 11 or Figure 12 and Appendix AP Table 2.

Marine Products
Catalog Number Index

HUBBELL® **Wiring Device-Kellems**   www.hubbell-wiring.com

RoHS compliance is an on going commitment at Hubbell. The following is a current list of compliant Hubbell Marine Products at time of this printing. For the most current list of all Hubbell Wiring Device-Kellems, visit us at www.hubbell-wiring.com.

HUBBELL
Wiring Device-Kellems

Marine Products Group

H5263