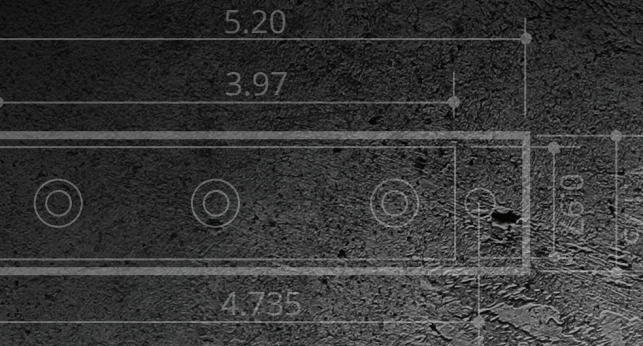


MARINCO
power products

GUEST

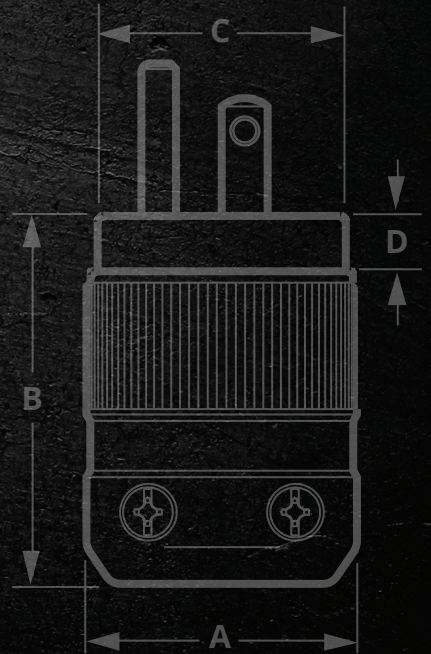
MARINCO

MASTERVOLT



2 0 1 8

- Battery Chargers & Accessories
- CAM Tech Devices
- DC Devices
- Stage Pin Devices
- Wiring Devices



For decades Ancor, BEP, Blue Sea Systems, Guest, Marinco, Marinco Power Products, Mastervolt, On Board Solutions, ProMariner and Progressive Industries have worked independently to provide innovative electrical products. Now the ten companies are working together to offer comprehensive electrical solutions for industrial applications.

Providing more than products. Providing Solutions.

ANCOR

Wire & Cable
Terminals & Lugs
Wire Management
Tools & Testers
Lighting
ancorproducts.com

BEP

Battery Management
Connectors & Insulators
Circuit Protection
Power Distribution Panels
Meters
bepmarine.com

BLUE SEA SYSTEMS

Power Conversion
Battery Management
Circuit Protection & Switches
Connectors & Insulators
Power Distribution
Meters
blueseasystems.com

GUEST

Power Conversion
marinco.com/en/guest

MARINCO

Shore Power
DC Power Connections
Power Conversion
Battery Management
Wiper Systems
Horns
Lighting
Ventilation
marinco.com

MARINCO power products

Wiring Devices
DC Devices
CAM Tech Devices
Stage Pin Devices
marinco.com/powerproducts.com

MASTERVOLT

Power Conversion
Batteries
Battery Management
Transformers
Alternators & Regulators
Digital Switching
mastervolt.us

On Board Solutions A ProMariner Company

ProMariner™

Waterproof Battery Chargers
Vented Battery Chargers
Inverters
Combis
Isolators
Accessories
onboardsolutions.biz
promariner.com

Progressive **Industries**

Surge Protection
progressiveindustries.com



ANCOR

For over 30 years Ankor has been the industry leader for quality tinned copper Marine Grade™ wire and cable. Ankor's comprehensive product line includes everything required to complete a wiring project. This includes Marine Grade wire and cable, terminals and connectors, wire management products, and hand tools. Ankor designs products to the highest standards that meet UL, ABYC, NMMA and USCG standards.



BEP

BEP offers a range of high quality electrical solutions designed for harsh environments. Every product meets exacting performance specifications and is designed to withstand extreme conditions.



BLUE SEA SYSTEMS

Blue Sea Systems was founded in 1992 based on a commitment to create innovative, high quality electrical products to improve the safety, simplicity, and reliability. Products include battery chargers, battery switches, automatic charging relays, fuse blocks, busbars, meters, and both standard and custom power distribution panels.



GUEST

Guest has been designing battery products for over 45 years. Our battery chargers, maintainers, and battery switches are designed and built to stand up to today's punishing industrial environment. Materials are selected to provide toughness and durability over a long product lifespan. All battery chargers are 100% waterproof and shock resistant.



MARINCO

Since 1972, Marinc power inlets and cords have set the industry standard. They are built to withstand the harshest industrial and marine environments. Marinc has continued to expand their product line to offer a complete range of shore power cords as well as a broad range of cord adapters. Marinc is also a leading supplier of wipers, spotlights and horns.



MARINCO power products

Marinc Power Products offers over 800 electrical products, including straight-blade and locking wiring devices for a wide range of industries, single pole CAMs for portable power, and stage pins for the entertainment power and lighting industry. We also offer 12V and USB chargers for mobile equipment and other markets.



MASTERVOLT

Mastervolt has been a strong, innovation-driven company since its founding in 1991. Mastervolt stands for reliable autonomous power solutions. Mastervolt's electric solutions are widely used in demanding markets such as mobile, off shore, industrial, autonomous solar and infrastructure.



On Board Solutions

A ProMariner Company

ProMariner™

On Board Solutions, a division of ProMariner, was established to leverage the synergy in technology and ability to ruggedize on board charger and inverter products to meet the specific needs of the mobile, industrial, and commercial markets.



Progressive Industries

Progressive Industries has been delivering the finest RV surge and electrical protection since 1998. We offer portable units, hardwired units, and RV adapters and accessories. Progressive Industries is dedicated to develop products with the highest quality and reliability.

NEW Products



70

1.5 Amp ChargePro™ Maintainer

Highly reliable, Guest 1.5 Amp maintainer extends battery life and will charge, monitor and re-charge your battery if the voltage drops below 12.9V. The maintainer can be safely connected to the battery for short or long periods of time.



66

Guest ChargePro™ On-Board Battery Chargers

New line of Guest chargers ranging from 5 to 40 amps, with fully automatic 5-Stage performance charging for 12 volt lead acid and AGM batteries. Chargers have dedicated outputs, aluminum housings and expanded LED charge status. 100% waterproof and shock resistant.



54

CLS Series 18 Ballnose Panel Mounts

CLS18 Series panel mount CAMs provide NEMA 3R and 4 protection when mated with CLS18 In-line CAMs. Series 18 panel mounted CAMs are CSA certified and can be used with optional CAM covers to meet NEMA 3R environmental protection when not in use.



48

Panel Mounted CAM Options

Expanded offering of panel mounted CAMs now includes longer 1 1/2 inch threaded stud option, 45 degree with two hole busbar, and a cover adapter for use on 45 degree CAMs

Generator Cordsets

Our new generator cordsets offer heavy duty plug and connector design along with a super flexible industrial-grade cable in ten different configurations including a triple tap 15A connector with LED light for visual power indication.



21

Table of Contents

WIRING DEVICES

| | |
|--|----|
| The Marincó Difference | 8 |
| Wiring Devices TOC | 9 |
| Straight Blade Standard Devices | 10 |
| Straight Blade Clamp-Lock™ | 12 |
| Straight Blade Hospital Grade | 14 |
| Straight Blade Corrosion Resistant | 16 |
| Straight Blade ConnectGlow | 18 |
| IEC 320 Specification-Grade Connectors | 20 |
| Generator Cordsets | 21 |
| Straight Blade Dimensions & Specifications | 22 |
| Locking Standard Devices | 24 |
| Locking ConnectGlow | 28 |
| Locking Corrosion Resistant | 30 |
| Locking Isolated Ground | 32 |
| Locking Dimensions & Specs | 34 |
| Accessories | 38 |
| Adapters | 40 |
| Product Selection Guides | 41 |



p. 14



NEW

p. 21



p. 24



p. 24



p. 32



p. 38

CAM TECH DEVICES

| | |
|----------------------------|----|
| Inline Connectors | 46 |
| Panel Mounts | 48 |
| Cam Reducers | 50 |
| CL/CLS/CLM Adapters | 51 |
| CL/CLS/CLM Covers & Caps | 52 |
| Tools, Parts & Accessories | 53 |
| Dimension Drawings | 54 |



p. 46



p. 48



p. 48



p. 52

STAGE PIN DEVICES

| | |
|------------------------------------|----|
| Bates Inlines | 58 |
| Bates Panel Mounts | 59 |
| Group 5 Inlines | 60 |
| Group 5 Panel Mounts & Wire Charts | 61 |
| Stage Pin & Panel Mount Dimensions | 62 |
| 20A Power Connectors | 63 |



p. 58



p. 61



p. 63

CHARGERS & ACCESSORIES

| | |
|-----------------------------|----|
| ChargePro™ Battery Chargers | 66 |
| Portable Battery Chargers | 69 |
| 1.5A ChargePro™ Maintainer | 70 |
| Inlets & Charger Cords | 71 |
| Battery Isolators | 72 |
| Battery Switches | 73 |



NEW

p. 66



NEW

p. 68



p. 73

DC DEVICES

| | |
|---------------------|----|
| Plugs & Receptacles | 78 |
|---------------------|----|



p. 79



p. 80



p. 80

CROSS REFERENCES & INDEX

| | |
|-------------------|----|
| Cross References | 83 |
| Part Number Index | 88 |

WIRING DEVICES

Marinco Power Products wiring devices have been industry tested for over 30 years. When the environment required is dirty, dusty, hot, humid, or wet, our products will stand up to the test. Thick walled molded housings provide a rugged design. One piece solid brass current carrying parts reduce areas where riveted parts may fatigue and break or create excess heat.

Our broad product offering includes 15A and 20A straight blade and locking, and 30A and 50A locking configurations as well as hospital grade, corrosion resistant, illuminated, and isolated ground options.





| | |
|--|----|
| The Maringo Difference | 8 |
| Wiring Devices TOC | 9 |
| Straight Blade Standard Devices | 10 |
| Straight Blade Clamp-Lock™ | 12 |
| Straight Blade Hospital Grade | 14 |
| Straight Blade Corrosion Resistant | 16 |
| Straight Blade ConnectGlow | 18 |
| IEC 320 Specification-Grade Connectors | 20 |
| Generator Cordsets | 21 |
| Straight Blade Dimensions & Specs | 22 |
| Locking Standard Devices | 24 |
| Locking ConnectGlow | 28 |
| Locking Corrosion Resistant | 30 |
| Locking Isolated Ground | 32 |
| Locking Dimensions & Specs | 34 |
| Accessories | 38 |
| Adapters | 40 |
| Product Selection Guides | 41 |

Maringo Power Products wiring devices provide the highest quality product at a fair price

The Marincos Difference

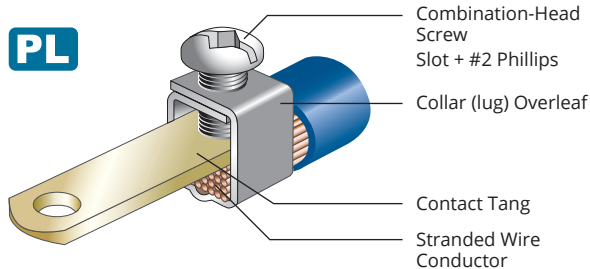
Marinco offers a full line of industry specific products with the Marincos tradition of innovative design and customer response. Products include 15A, 20A, 30A and 50A devices, both straight blade and locking.

Achieve the lowest applied cost with fast, sure assembly

Many features and benefits are universal to all Marincos brand products:

Exclusive Perma-Lock™ Terminal Tightening

As the screw goes down, the collar locks up: As the terminal screw tightens down on the contact tang, it compresses the wire underneath the tang, causing the screw to exert an upwards lift on the collar overleaf. This lifting action "locks up" the screw's threads. Heat cycling and vibration cannot loosen the screw, and stress relief is virtually eliminated.



Receptacle Clamp Terminals

The clamp is barbed to hold the conductor in place and cut oxide build-up. The entire terminal is securely held in place by the body of the device.



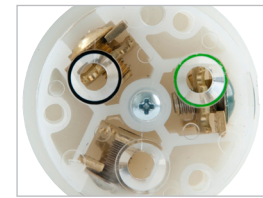
Single-Piece Connector Contacts

A Marincos exclusive feature! Longer beam provides more contact pressure. One-piece design eliminates the rivet found on many NEMA locking devices.



Cord Grip

Powerful mechanical clamp is located inside the housing resulting in a neat, compact design. The clamp traps the cord against the rear of the housing for a superior cord grip, preventing strain on terminals. Internal cord clamp accommodates the widest range of cord sizes and shapes.



Terminals

The clear terminal cover allows visual inspection of the terminal area. Large terminals with solid brass clamps bundle the wires for a neat, secure connection. Terminals are clearly marked in accordance with the National Electrical Code. Color-coded markings add to wiring ease and safety. Wire entry holes are located close together to ease insertion of wires.



One-Piece All-Brass Receptacle Contacts

Sturdy one-piece design eliminates the rivet found in conventional contacts. No rivet means less chance for resistance and heat rise.

Other standard Marincos features include:

- **Bevel housing**—prevents snagging nearby equipment
- **Dust seals**—for keeping foreign materials from terminals
- **Open position terminals screws**—Terminals screws are installed in open position to speed assembly
- **Speed style screws**—for faster assembly
- **Spacious housing**—for faster assembly, easy clamping to cable and convenient wire stripping

OEM Packaging Option

Devices are available bulk packed with assembly screws backed out and without individual packaging.

Add suffix ".OEM" to the part number.

Customization

We would be glad to discuss any product customization, custom color, custom logos, printing or engraving. Contact your sales representative for more information.

Selection

Blanks were left in the selection guides to notate our ability to provide these configurations if you need one of these unlisted products. Please call customer service or contact your sales rep for more information.



Straight Blade Devices

15A & 20A
(pgs 10-20)



- 10 Standard**
Connectors
Plugs
Receptacles
Flanged Inlets
Flanged Outlets
- 12 Clamp-Lock™**
Connectors
Plugs
- 14 Hospital Grade**
Connectors
Plugs
- 16 Corrosion Resistant**
Connectors
Plugs
Receptacles
- 18 ConnectGlow**
Connectors
Plugs
- 20 IEC 320 Specification-Grade Connectors**
Connectors

Locking Devices

15A, 20A, 30A & 50A
(pgs 24-37)



- 24 Standard**
Connectors
Plugs
Receptacles
Flanged Inlets
Flanged Outlets
- 28 ConnectGlow**
Connectors
Plugs
- 30 Corrosion Resistant**
Connectors
Plugs
Receptacles
- 32 Isolated Ground**
Receptacles

Straight Blade Standard Devices (15A & 20A)

Count on Marincopowerproducts.com for industrial-grade straight blade 15A and 20A wiring devices. Heavy duty material is used for all housings to hold up to regular abuse on cordsets and equipment alike. All models are designed with the installer in mind to minimize labor and ensure ease of assembly.

PL Exclusive Perma-Lock™ wire terminals provide secure, easy to wire connections (15A models). Details on page 8.

Applications

- Power-driven hand tools
- Electrical industrial equipment
- Manufacturing plants
- Broadcast studio equipment
- Staging & entertainment equipment
- Fire-protection equipment
- Hospital/healthcare equipment
- Temporary taps at construction sites

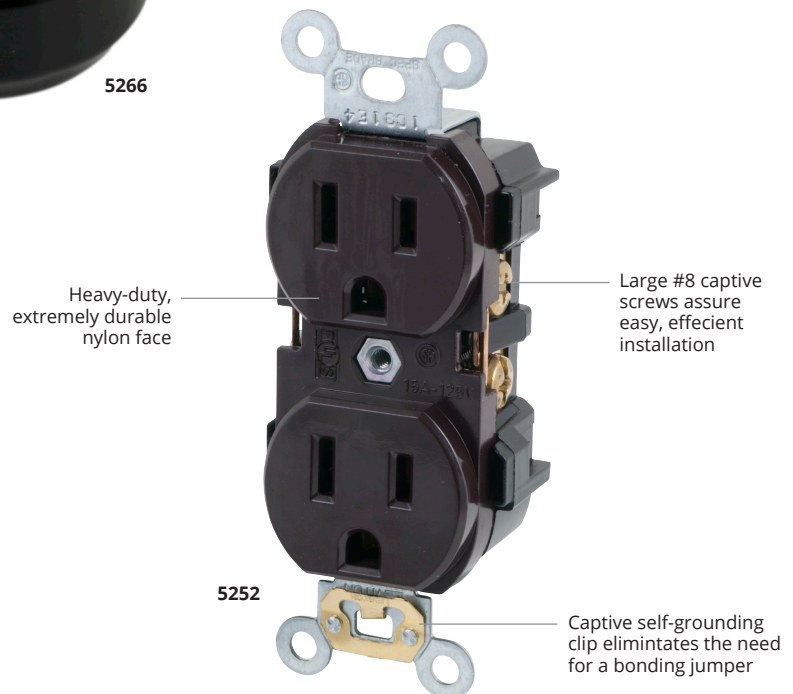


Plugs & Connectors

- Adjustable cord clamp provides superior strain relief
- Close-in wire entrance holes and generous wiring space make it easy to wire
- Terminals are open, ready to wire for quickest assembly
- Cord clamp insert allows use of greatest range of cord sizes
- Dust seal keeps contaminants out of wiring chamber

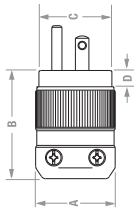
Receptacles

- Optional back or side wiring for on-the-job versatility and easy installation
- Captive self-grounding clip eliminates the need for a bonding jumper [NEC Section 250-146(B)]
- Triple-wipe copper alloy power contacts assure long-life contact pressure

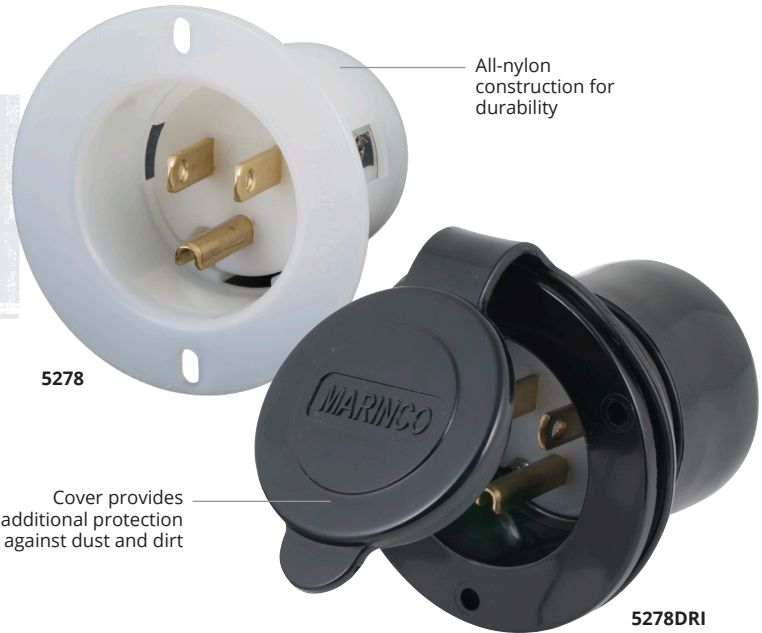


Flanged Inlets & Outlets

- Flanged housing allows mounting in a panel without access from the rear



Dimensional drawings and specifications on pages 22–23



All-nylon construction for durability

5278

Cover provides additional protection against dust and dirt

5278DRI

Straight Blade Standard Selection



| Amps | Poles/Wires | Voltage | NEMA Config. | Body Color | Housing Color | Connector | Plug | Duplex Receptacle | Flanged Inlet | Flanged Outlet | Dust Resistant Inlet | Dust Resistant Outlet | |
|------|-------------|---------|--------------|------------|---------------|-----------|--------|-------------------|---------------|----------------|----------------------|-----------------------|---------|
| 15 | 2P 3W | 125 | 5-15R | 5-15P | white | black | 5269 | 5266 | 5252 | 5278 | 5279 | 5278DRI | 5279DRO |
| 15 | 2P 3W | 125 | 5-15R | 5-15P | black | black | 5269BL | 5266BL | — | 5278BL | 5279BL | 150BBI | — |
| 15 | 2P 3W | 250 | 6-15R | 6-15P | white | black | 5669 | 5666 | — | 5678 | 5679 | 5678DRI | — |
| 20 | 2P 3W | 125 | 5-20R | 5-20P | white | black | 5369 | 5366 | 5352 | 5378 | 5379 | — | 5379DRO |
| 20 | 2P 3W | 125 | 5-20R | 5-20P | black | black | — | — | — | — | — | 200BBI.RV | — |
| 20 | 2P 3W | 250 | 6-20R | 6-20P | white | black | 5469 | 5466 | 5462 | 5478 | 5479 | — | — |

Right Angle Devices

| Amps | Poles/Wires | Voltage | NEMA Config. | Plug |
|------|-------------|---------|--------------|--------|
| 15 | 2P 3W | 125 | 5-15P | 5266RA |



Right-Angle Adapter with Cord Grip

- Accommodates .456" to 1.150" cords
- Available in black
- Fits 15 and 20 amp straight blade devices
- Compatible with plugs 5266, 5666, 5366 and 5466



Part # 15RA

Related Products

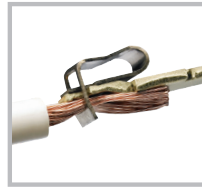


Accessories page 38–40

OEM Available: Add suffix ".OEM" to the Part number for bulk packaging. Quantities vary. See your sales rep for quantity details.

Straight Blade Clamp-Lock™ Devices (15A & 20A)

The patented Clamp-Lock termination system provides a maintenance-free connection. This revolutionary system actually gets stronger as the cable is pulled, which provides peace of mind knowing this durable trouble-free solution can handle heat, shock and vibration. Most important, Clamp-Lock enables wiring termination up to 50% faster than conventional screw termination products resulting in a more cost-effective process.



Applications

- Power-driven hand tools
- Electrical industrial equipment
- Manufacturing plants
- Broadcast studio equipment
- Staging & entertainment equipment
- Fire-protection equipment
- Hospital/healthcare equipment
- Temporary taps at construction sites



Features & Benefits

Plugs & Connectors

- Adjustable cord clamp provides superior strain relief
- Close-in wire entrance holes and generous wiring space make it easy to wire
- Two assembly screws make for fast assembly
- Terminals are open, ready to wire for quickest assembly
- Cord clamp insert allows use of greatest range of cord sizes
- Beveled housing so device won't get caught on stairs, equipment, etc
- Dust seal keeps contaminants out of wiring chamber

Removable inserts for various cable diameters

For proper assembly with larger gauge cables, Clamp-Lock is furnished with removable cable clamp inserts.



Straight Blade Clamp-Lock™ Selection



| Amps | Poles/ Wires | Voltage | NEMA Config. | Body Color | Housing Color | Connector | Plug |
|----------------------------|-----------------|---------|--------------|---------------|------------------|-----------|----------|
| 15 | 2P 3W | 125 | 5-15R 5-15P | white | black | CL5269 | CL5266 |
| 15 | 2P 3W | 125 | 5-15R 5-15P | black | black | CL5269BL | CL5266BL |
| 15 | 2P 3W | 250 | 6-15R 6-15P | white | black | CL5669 | CL5666 |
| 20 | 2P 3W | 125 | 5-20R 5-20P | white | black | CL5369 | CL5366 |
| Hospital Grade Clamp-Lock™ | | | | | | | |
| 15 | 2P 3W | 125 | 5-15R 5-15P | white | black | CL8219 | CL8215 |
| 15 | 2P 3W | 125 | 5-15R 5-15P | white | transp | CL8219T | CL8215T |



CL5266



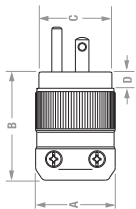
CL5269



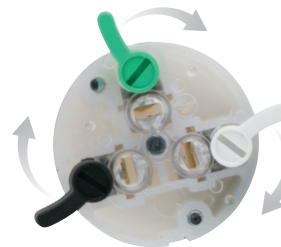
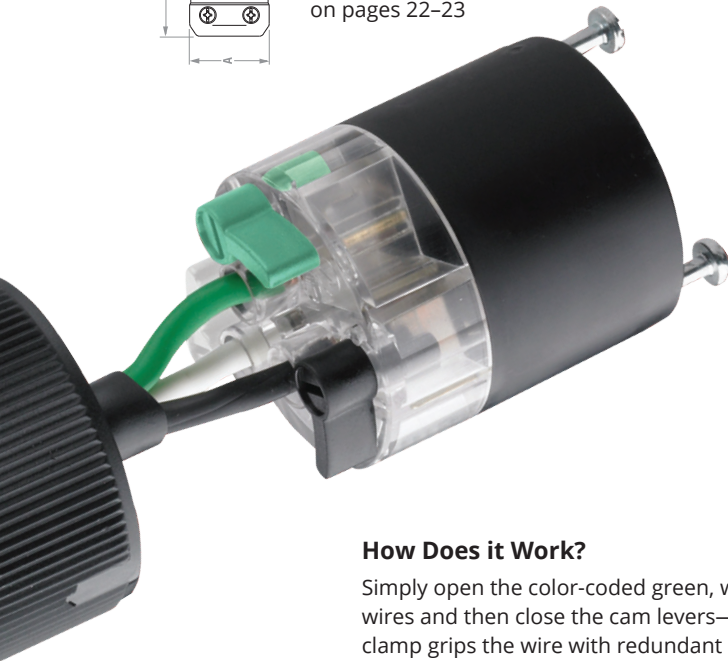
CL8215



CL8219T
Hospital Grade



Dimensional drawings
and specifications
on pages 22-23



How Does it Work?

Simply open the color-coded green, white and black cam levers, insert the wires and then close the cam levers—**no tools are needed**. The cage clamp grips the wire with redundant normal force and doesn't let go. Slide the housing over the connection and lock it positively in place with two captive screws.

Related Products



Accessories
page 38-40

OEM Available: Add suffix ".OEM" to the Part number for bulk packaging. Quantities vary. See your sales rep for quantity details.

Straight Blade Hospital Grade Devices (15A)

These "green dot" devices have been rigorously tested for grounding reliability, assembly integrity, strength and durability.

Includes 15A and 20A straight blade connectors and plugs.
Available in clear or black housing.

Applications

- Hospital/healthcare equipment
- Office equipment
- Power-driven hand tools
- Fire-protection equipment

PL

Exclusive Perma-Lock™ wire terminals provide secure, easy to wire connections. Details on page 8.



Features & Benefits

Meets or Exceeds Hospital Grade UL Tests

All devices conform to UL Standards for hospital equipment #498 and #544, including:

- Abrupt plug removal (parallel to wall) test
- Ground pin retention tests
- Fault current tests
- Terminal strength test
- Face impact test
- Ground contact temperature test
- Ground resistance test
- Assembly security test
- Mold stress relief test
- Crush test
- Cord grip strain relief tests
- Static cord pull test
- Rotary cord pull test

Straight Blade Hospital Grade Selection



| Amps | Poles/ Wires | Voltage | NEMA Config. | Body Color | Housing Color | Connector | Plug |
|-----------------------------------|-----------------|---------|--------------|------------|---------------|----------------|----------------|
| 15 | 2P 3W | 125 | | white | black | 8219 | 8215 |
| 15 | 2P 3W | 125 | | white | transp | 8219T | 8215T |
| Hospital Grade ConnectGlow | | | | | | | |
| 15 | 2P 3W | 125 | | white | transp | 8219TL | 8215TL |
| Hospital Grade Clamp-Lock™ | | | | | | | |
| 15 | 2P 3W | 125 | | white | black | CL8219 | CL8215 |
| 15 | 2P 3W | 125 | | white | transp | CL8219T | CL8215T |



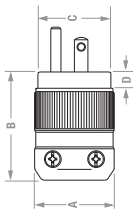
8219T



CL8219T
Clamp-Lock™

Hospital Grade Right Angle Devices

| Amps | Poles/ Wires | Voltage | NEMA Config. | Plug |
|------|-----------------|---------|--------------|----------------|
| 15 | 2P 3W | 125 | | 8215TRA |



Dimensional drawings and specifications on pages 22–23



CL8215
Clamp-Lock™

Related Products



Accessories
page 38–40

OEM Available: Add suffix “.OEM” to the Part number for bulk packaging. Quantities vary. See your sales rep for quantity details.

Straight Blade Corrosion Resistant (15A & 20A)

Independent lab certified corrosion-resistant devices in a 240-hour 5% salt-spray test in accordance with ASTM B117

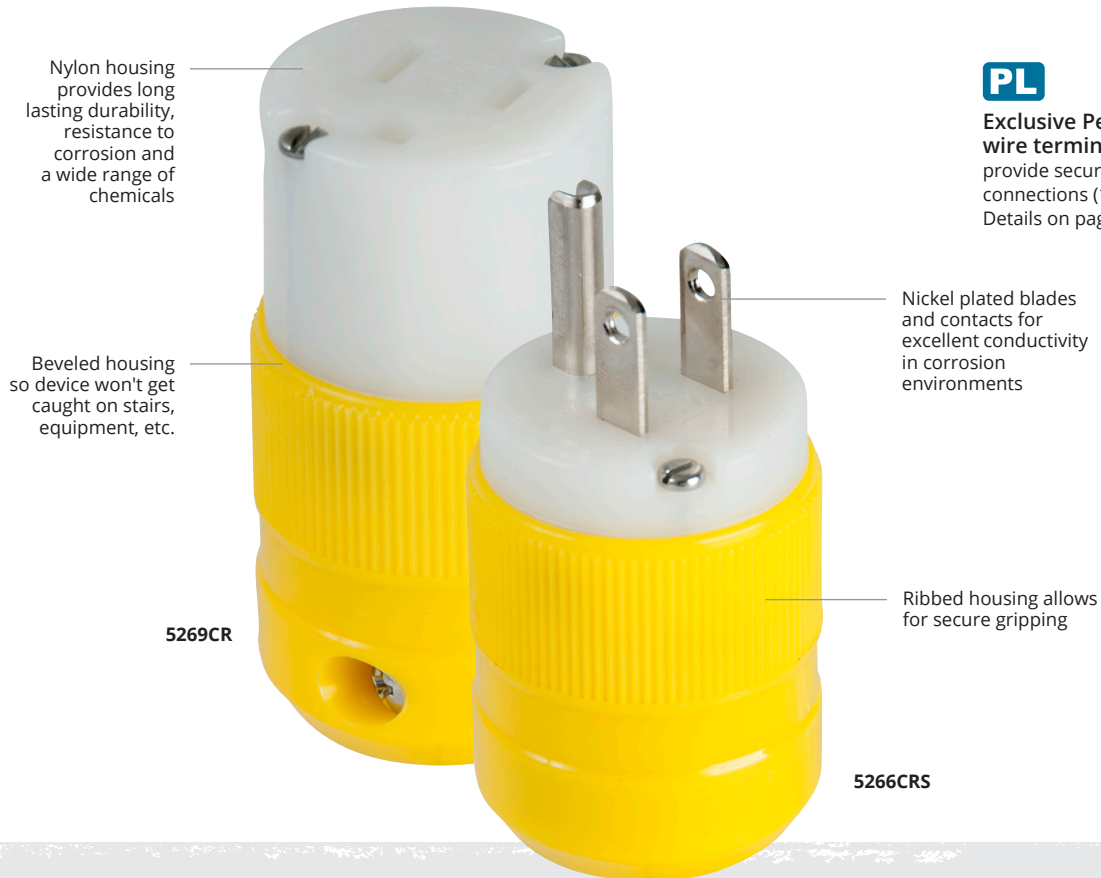
Corrosion resistant, marine grade construction with 5 year warranty.

Applications

- Power-driven hand tools
- Electrical industrial equipment
- Chemical plants
- Wastewater treatment facilities
- Food and beverage plants and equipment
- Broadcast studio equipment
- Staging & entertainment equipment
- Fire-protection equipment
- Hospital/healthcare equipment
- Temporary taps at construction sites

PL

Exclusive Perma-Lock™ wire terminals provide secure, easy to wire connections (15A models). Details on page 8.



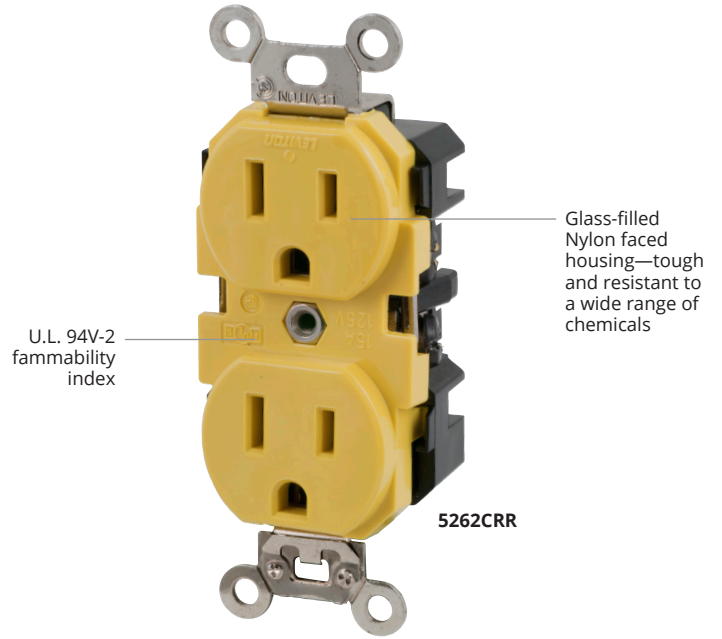
Features & Benefits

Plugs & Connectors

- Nickel plated contacts
- Thumbprint locator on cover makes it easy to align the ground blade for easier hook-up
- Accepts any 10/3 S-type (STW, STOW) cable up to 3/4" in diameter
- Clear terminal cover allows for easy inspection of wiring connection
- Plug and Connector accepts #10 through #16 gauge wires
- Exclusive cover provides superior waterproof seal
- Stainless Steel Fasteners for corrosion resistance
- Powerful strain relief with stainless screws
- Exclusive Marincó® cover provides superior waterproof seal
- Contoured weatherproof cover allows better grip





Receptacles

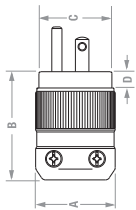
- Corrosion resistant, marine grade construction with 5 year warranty
- Nickel plated contacts
- Stainless Steel Fasteners for corrosion resistance
- Terminals and contacts—clamp type terminals provide superior wire holding. Rivetless one-piece contacts eliminate joint resistance



Straight Blade Corrosion Resistant Selection



| Amps | Poles/Wires | Voltage | NEMA Config. | Body Color | Housing Color | Connector | Plug | Duplex Receptacle |
|------|-------------|---------|---|------------|---------------|---------------|----------------|-------------------|
| 15 | 2P 3W | 125 |   | white | yellow | 5269CR | 5266CRS | 5262CRR |
| 20 | 2P 3W | 125 |   | white | yellow | 5369CR | — | — |



Dimensional drawings and specifications on pages 22–23

Related Products



Accessories
page 38–40

OEM Available: Add suffix “.OEM” to the Part number for bulk packaging. Quantities vary. See your sales rep for quantity details.

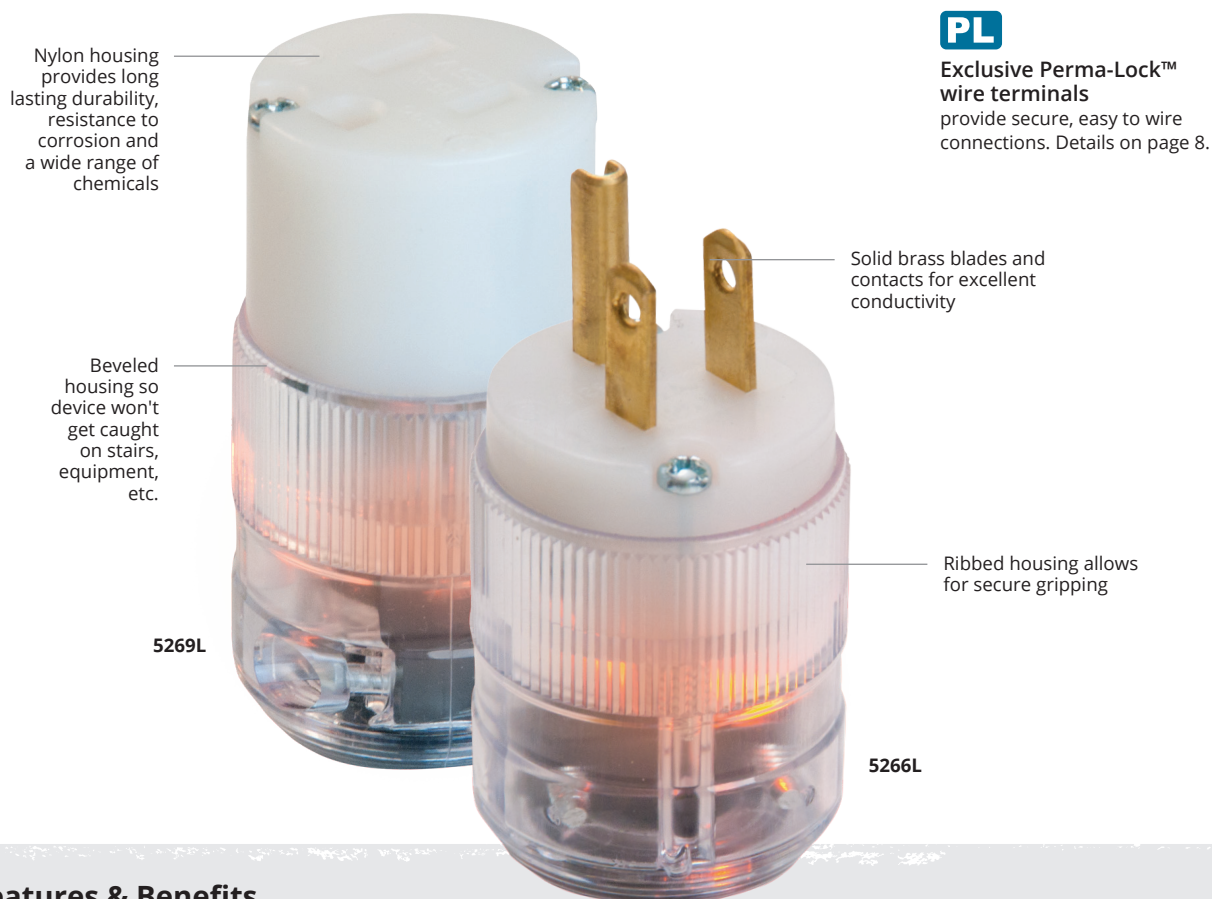
Straight Blade ConnectGlow Devices (15A)

Connectors light when a circuit is energized

Users of ConnectGlow devices know immediately if a circuit is energized because the neon bulb is energized, rather than having to perform time-consuming circuit testing. You can easily see the circuit status and determine whether there is a problem with the circuit or with the apparatus that is being connected. This is particularly helpful in applications where it is difficult to get to the connection point, such as drop cords or extension cords, or where users might not be proficient in circuit testing.

Applications

- Power-driven hand tools
- Electrical industrial equipment
- Manufacturing plants
- Broadcast studio equipment
- Staging & entertainment equipment
- Fire-protection equipment
- Hospital/healthcare equipment
- Temporary taps at construction sites


PL

Exclusive Perma-Lock™ wire terminals

provide secure, easy to wire connections. Details on page 8.

Features & Benefits





Another function is for monitoring connection status. With ConnectGlow devices, you can visually monitor a connection to assure it is maintained.

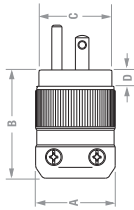
Features

- 15-, 20- and 30-amp 3-wire plugs and connectors
- Bright Neon bulb with full 360° visibility
- Mag-Vu™ window magnifies bulb and terminal for easy inspection
- 5-year limited warranty
- **Exclusive** Marincos Mag-Vu™ Windows makes visual verification of condition of terminal connections fast and easy.

Straight Blade ConnectGlow Selection



| Amps | Poles/ Wires | Voltage | NEMA Config. | Body Color | Housing Color | Connector | Plug |
|------|-----------------|---------|--|---------------|------------------|------------------------------------|------------------------------------|
| 15 | 2P 3W | 125 |   5-15R 5-15P | white | transp | 5269L | 5266L |
| 15 | 2P 3W | 125 |   5-15R 5-15P | white | transp | 8219TL Hospital Grade | 8215TL Hospital Grade |



Dimensional drawings
and specifications
on pages 22-23

Related Products



Accessories
page 38-40

OEM Available: Add suffix ".OEM" to the Part number for bulk packaging.
Quantities vary. See your sales rep for quantity details.






IEC 320 Specification-Grade Connectors

Rugged Connectors for Industrial Computers, Servers, Peripherals, Utility Vehicles, Stage Lighting, Broadcast Sound & Video

- Premium IEC 320 connectors designed for critical applications perfect for harsh handling and harsh environments
- IEC 320 is the International standard for appliance power connectors
- Rugged and rewirable connectors are used to supply power to a wide range of electronic equipment
- Shock-absorbing design is less vulnerable to shattering or cracking when abused
- Exclusive Perma-Lock™ terminals for secure, easy to wire connections
- Deep funnel wire pockets to easily guide wire insertion
- Adjustable cord clamp provides superior strain relief
- Cord clamp insert allows for greatest range of cord sizes



Specifications

| Amps | Poles/Wires | Voltage | IEC Config. | Connector |
|------|-------------|---------|--|-----------------|
| 15 | 2P 3W | 120 |  | 320IEC13 |
| 15 | 2P 3W | 120 |  | 320IEC15 |
| 20 | 2P 3W | 120 |  | 320IEC19 |

The Marincos **320IEC13** is rated for service where maximum pin temperature of mating inlet does not exceed 70°C. U.L. and C.S.A. allow its use at **15 amps**, while European agencies permit **10 amps (220-240V AC)**.

The Marincos **320IEC15** is rated for service where maximum pin temperature of mating inlet does not exceed 120°C. U.L. and C.S.A. allow its use at **15 amps**, while European agencies permit **10 amps (220-240V AC)**.

The Marincos **320IEC19** is rated for service where maximum pin temperature of mating inlet does not exceed 70°C. U.L. and C.S.A. allow its use at **20 amps**, while European agencies permit **16 amps (250V AC)**.

OEM Available: Add suffix ".OEM" to the Part number for bulk packaging. Quantities vary. See your sales rep for quantity details.

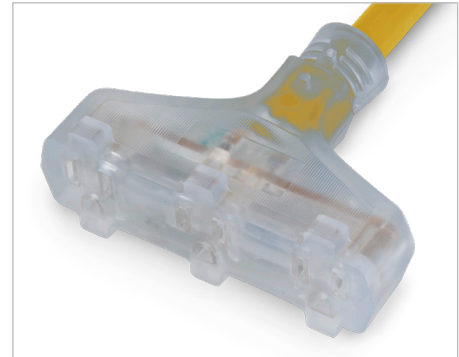
Generator Cordsets **NEW**

Introducing our new GCS series generator cordsets. These generator cordsets offer heavy duty plug and connector design along with a super flexible industrial-grade cable. Available in 20A and 30A configurations of different lengths and wiring device configurations cover the majority of needs for smaller generator applications.

- Cordsets use yellow color STOW 10 AWG and 12 AWG wire with heavy-duty plugs and connectors that are then overmolded
- Cordsets are UL Listed & CSA certified



| Amp | Wire Gauge | Length | Part # | Plug | Connector |
|--------------|--------------------|--------|------------------|---------|------------------------|
| 20 | 12 AWG 4 conductor | 10 ft | GCS124A10 | L14-20P | L14-20R |
| | | 25 ft | GCS124A25 | L14-20P | L14-20R |
| | | 50 ft | GCS124A50 | L14-20P | L14-20R |
| 30 | 10 AWG 3 conductor | 10 ft | GCS103B10 | L5-30P | L5-30R |
| | | 25 ft | GCS103B25 | L5-30P | L5-30R |
| | | 50 ft | GCS103B50 | L5-30P | L5-30R |
| 30 to (3) 15 | 12 AWG 4 conductor | 10 ft | GCS104C10 | L14-30P | L14-30R |
| | | 25 ft | GCS104C25 | L14-30P | L14-30R |
| | | 50 ft | GCS104C50 | L14-30P | L14-30R |
| 30 to (3) 15 | 12 AWG 3 conductor | 25 ft | GCS123D25 | L5-30P | 5-15 triple receptacle |

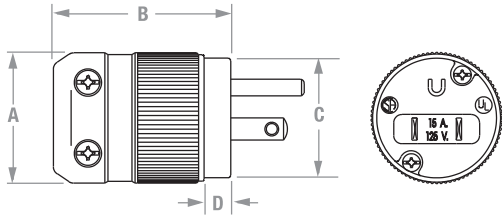


GCS123D25

Straight Blade Dimensions (15A & 20A)

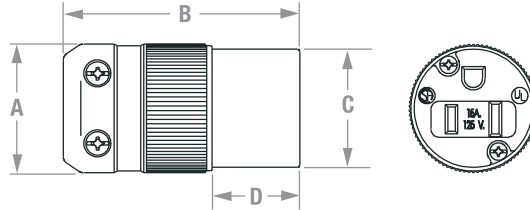
Plugs

| A | B | C | D |
|-------|-------|-------|-------|
| 1.47" | 2.00" | 1.35" | 0.30" |



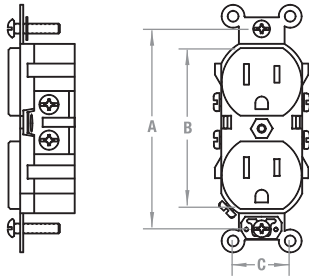
Connectors

| A | B | C | D |
|-------|-------|-------|-------|
| 1.47" | 2.70" | 1.35" | 1.00" |



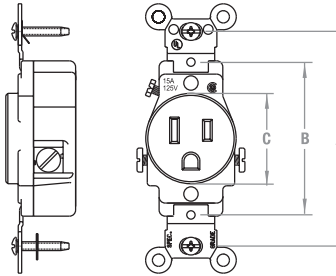
Receptacles

| A | B | C |
|-------|-------|-------|
| 3.28" | 2.64" | 1.09" |



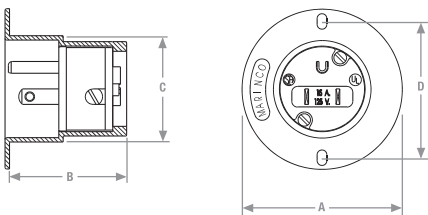
Receptacles

| A | B | C |
|-------|-------|-------|
| 3.28" | 2.37" | 1.37" |



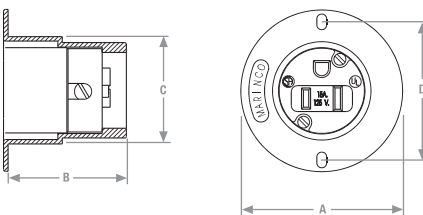
Inlets

| A | B | C | D |
|-------|-------|-------|-------|
| 2.57" | 1.87" | 1.70" | 2.20" |



Outlets

| A | B | C | D |
|-------|-------|-------|-------|
| 2.57" | 1.87" | 1.70" | 2.20" |



Straight Blade Specifications (15A & 20A)

| | |
|-------------------------------------|---|
| Agency Listings | U.L. Listed File E57672 C.S.A. Certified File LR81290 |
| Dielectric Withstand Voltage | >3,000V |
| Heat Rise | Maximum 30°C after 100 cycles at 150% of rated current |
| Current Interrupting | Yes |
| Terminal Accommodation | #18-10 |
| Plugs & Connectors | |
| Front & Rear Housing | Nylon – Tough and resistant to a wide range of chemicals. U.L. Recognized for 125°C continuous use. U.L. 94V-2 Flammability Index. |
| Cord Clamp | Nylon |
| Terminals & Contacts | Perma-Lock™ lug-type terminals provide superior wire holding. Clamp-lock provides quick, reliable, toolless assembly |
| Terminal Clamps & Screws | #8 solid brass for excellent conductivity. Combo head (#2 Phillips and Slot or #1 Robertson and Slot). |
| Terminal Cover | Clear polycarbonate |
| Cord Accommodation | .300"-.655" |
| Receptacles | |
| Face and Housing | Glass-filled nylon – Tough and resistant to a wide range of chemicals. U.L. 94V-2 Flammability Index. Meets Fed Spec WC-596F. Mounting straps, rivets and grounding strip are solid brass. |
| Terminal Clamps & Screws | #8 solid brass for excellent conductivity. |
| Terminals & Contacts | Clamp-type terminals provide superior wire holding. Rivetless, one-piece contacts eliminate joint resistance. |
| Flanged Inlets & Outlets | |
| Flange & Housing | Nylon |
| Blades (Inlet) | Solid brass |
| Contacts (Outlet) | Solid brass |
| Terminal Screws | Solid brass |
| Terminal Clamps | Solid brass |
| Terminal Cover | Clear polycarbonate |

Locking**Locking Devices (15A, 20A, 30A, & 50A)**

Count on Marincopowerproducts.com for industrial-grade 15A, 20A, 30A, and 50A locking wiring devices. Heavy duty material is used for all housings to hold up to regular abuse on cordsets and equipment alike. All models are designed with the installer in mind to minimize labor and ensure ease of assembly.

Applications

- Power-driven hand tools
- Electrical industrial equipment
- Manufacturing plants
- Broadcast studio equipment
- Staging & entertainment equipment
- Fire-protection equipment
- Hospital/healthcare equipment
- Temporary taps at construction sites

PL**Exclusive Perma-Lock™ wire terminals**

provide secure, easy to wire connections (15A & 50A models). Details on page 8.

**Plugs & Connectors**

- Rear housing key fits into front portion for ease of assembly
- Cord clamp screws are recessed in housing for neat, clean appearance
- Adjustable cord clamp provides superior strain relief
- Close-in wire entrance holes and generous wiring space make it easy to wire
- Terminals are open, ready to wire for quickest assembly
- Dust seal keeps contaminants out of wiring chamber
- Thick walled nylon housing resists abuse, corrosion and most chemicals
- Devices are clearly marked with amperage, voltage, rating, and NEMA configuration
- U.L. Listed and C.S.A. Certified for make or break under load
- Cord clamp screws are recessed in housing for neat, clean appearance
- Color coded wire entrance holes make devices simple and easy to wire
- Neoprene Dust seal keeps contaminants out of wiring chamber
- Stainless steel plug sleeve provides greater strength and protection (50A only)
- Non-metallic shell around the plug sleeve eliminates exposed metal parts (50A only)



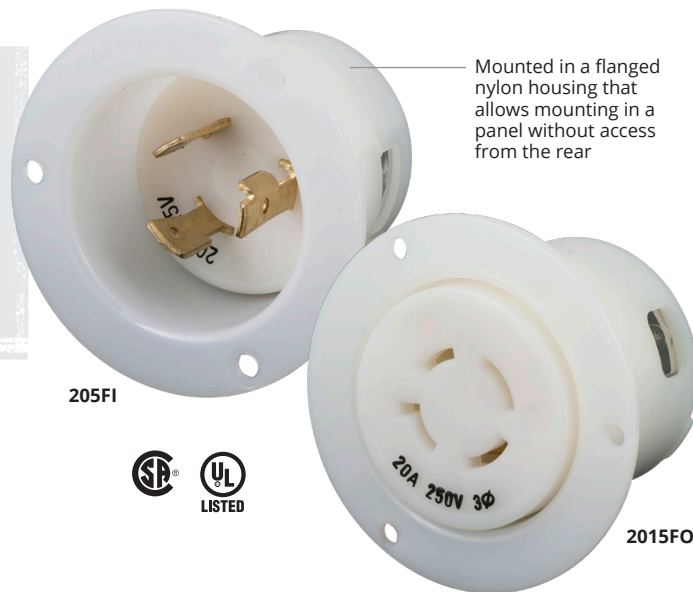
Glass-filled nylon body and face provides excellent impact, heat and chemical resistance

Receptacles

- Glass-filled nylon body and face provides excellent impact, heat and chemical resistance
- Boss diameter is 1.56" for 20 and 30 amp devices
- Heavy duty brass mounting strap and grounding system provides low resistance ground path and superior corrosion resistance
- Terminal combo head screws are clearly marked in accordance with the National Electrical Code
- U.L. Listed and C.S.A. Certified for make or break under load (20A & 30A only)

Flanged Inlets & Outlets

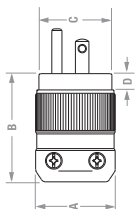
- Similar design features as plugs and connectors
- Clean design eliminates assembly screws from the front of the Inlets & Outlets



Mounted in a flanged nylon housing that allows mounting in a panel without access from the rear

205FI

2015FO



Dimensional drawings and specifications on pages 34-37

Selection on following pages

Locking

Standard NEMA Selection
(15A, 20A & 30A)

| Amps | Poles/ Wires | Voltage | NEMA Config. | Body Color | Housing Color | Connector | Plug | Single Receptacle | Duplex Receptacle | Flanged Inlet | Flanged Outlet |
|------|-----------------|----------------|---------------------|---------------|------------------|-----------|--------|----------------------|----------------------|------------------|-------------------|
| 15 | 2P 3W | 125 | L5-15R L5-15P | white | black | 4729 | 4720 | 4710 | 4700 | 4716 | 4715 |
| 15 | 2P 3W | 125 | L5-15R L5-15P | black | black | 4729BL | 4720BL | — | — | — | — |
| 15 | 2P 3W | 250 | L6-15R L6-15P | white | black | 4579 | 4570 | 4560 | 4550 | 4586 | 4585 |
| 15 | 2P 3W | 277 | L7-15R L7-15P | white | black | 4779 | 4770 | 4760 | — | 4786 | 4785 |
| 20 | 2P 3W | 125 | L5-20R L5-20P | white | black | 205C | 205P | 205R | — | 205FI | 205FO |
| 20 | 2P 3W | 125 | L5-20R L5-20P | black | black | 205CBL | 205PBL | — | — | — | — |
| 20 | 2P 3W | 250 | L6-20R L6-20P | white | black | 206C | 206P | 206R | — | 206FI | 206FO |
| 20 | 2P 3W | 250 | L6-20R L6-20P | black | black | 206CBL | 206PBL | — | — | — | — |
| 20 | 2P 3W | 277 | L7-20R L7-20P | white | black | — | 207P | — | — | — | — |
| 20 | 3P 4W | 125/250 | L14-20R L14-20P | white | black | 2014C | 2014P | 2014R | — | 2014FI | 2014FO |
| 20 | 3P 4W | 3Ø 250 | L15-20R L15-20P | white | black | 2015C | 2015P | 2015R | — | 2015FI | 2015FO |
| 20 | 3P 4W | 3Ø 480 | L16-20R L16-20P | white | black | 2016C | 2016P | 2016R | — | — | — |
| 20 | 4P 5W | 3ØY 120/208 | L21-20R L21-20P | white | black | 2021C | 2021P | 2021R | — | — | 2021FO |
| 30 | 2P 3W | 125 | L5-30R L5-30P | white | black | 305C | 305P | 305R | — | 305FI | 305FO |
| 30 | 2P 3W | 250 | L6-30R L6-30P | white | black | 306C | 306P | 306R | — | 306FI | 306FO |
| 30 | 3P 4W | 125/250 | L14-30R L14-30P | white | black | 3014C | 3014P | 3014R | — | 3014FI | 3014FO |
| 30 | 3P 4W | 3Ø 250 | L15-30R L15-30P | white | black | 3015C | 3015P | 3015R | — | 3015FI | 3015FO |
| 30 | 3P 4W | 3Ø 480 | L16-30R L16-30P | white | black | 3016C | 3016P | 3016R | — | — | 3016FO |
| 30 | 4P 5W | 3ØY 120/208 | L21-30R L21-30P | white | black | 3021C | 3021P | 3021R | — | 3021FI | 3021FO |

Right-Angle Adapter with Cord Grip

- Accommodates .456" to 1.150" cords
- Available in black
- Fits 20 and 30 amp 4 wire and 5 wire locking devices
- Compatible with plugs 4720, 4570, and 4770



Part # 45WRA.OEM

Locking
Standard Non-NEMA Selection
(20A & 50A)



| Amps | Poles/ Wires | Voltage | Config. | Body Color | Housing Color | Connector | Plug | Receptacle | Flanged Inlet | Flanged Inlet w/ spring loaded lid |
|------|-----------------|------------------|----------------------|---------------|------------------|-----------|---------|------------|------------------|---------------------------------------|
| 20 | 4P 4W | 3ØY 120/208 | Replacement use only | white | black | 7413C | 7411C | — | — | — |
| 50 | 2P 3W | 125 | Calif. Standard | white | black | CS6360N | CS6361N | CS6370 | — | — |
| 50 | 2P 3W | 250 | Calif. Standard | white | black | CS8264N | CS8265N | CS8269 | CS8275 | — |
| 50 | 2P 3W | 250 DC 600 AC | Replacement use only | white | black | 3762N | 3763N | 3771 | 3777 | — |
| 50 | 2P 3W | 480 | Calif. Standard | white | black | CS8464N | CS8465N | CS8469 | — | — |
| 50 | 3P 4W | 125/250 | Calif. Standard | white | black | CS6364N | CS6365N | CS6369 | CS6375 | CS6375FL |
| 50 | 3P 4W | 3Ø 250 | Calif. Standard | white | black | CS8364N | CS8365N | CS8369 | CS8375 | — |
| 50 | 3P 4W | 250 DC 600 AC | Replacement use only | white | black | 3764N | 3765N | 3769 | 3775 | — |
| 50 | 3P 4W | 250 DC 600 AC | Replacement use only | white | black | 7764N | 7765N | — | 7958 | — |
| 50 | 3P 4W | 3Ø 480 | Calif. Standard | white | black | CS8164N | CS8165N | CS8169 | CS8175 | — |



305C
30A Connector



CS8265N
50A Plug



305R
30A Receptacle



4760
15A Receptacle



305FI
30A Inlet



CS6375FL
50A Inlet w/lid

Related Products



Accessories
page 38-40

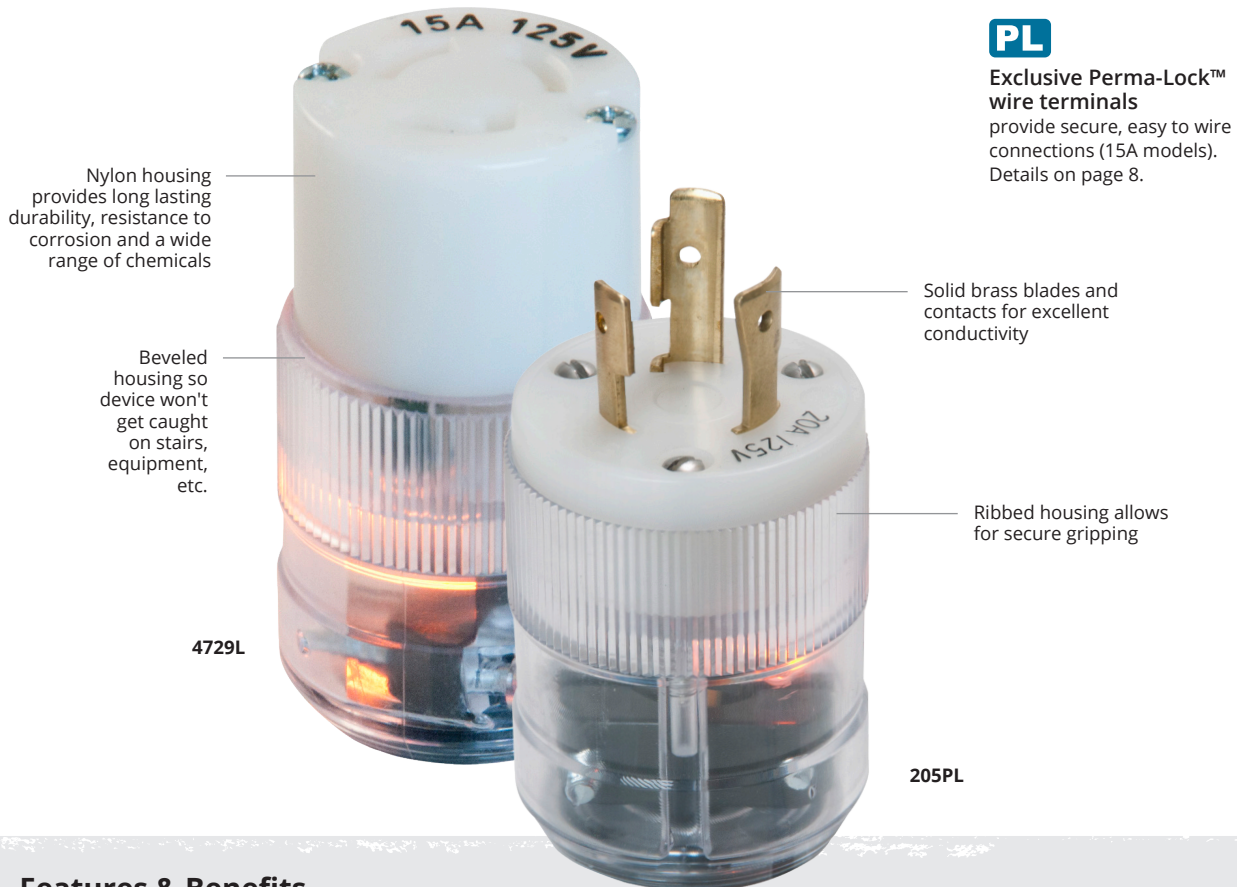
OEM Available: Add suffix “.OEM” to the Part number for bulk packaging.
Quantities vary. See your sales rep for quantity details.

Locking**ConnectGlow Devices****Connectors light when a circuit is energized**

Users of ConnectGlow devices know immediately if a circuit is energized because the neon bulb is energized, rather than having to perform time-consuming circuit testing. You can easily see the circuit status and determine whether there is a problem with the circuit or with the apparatus that is being connected. This is particularly helpful in applications where it is difficult to get to the connection point, such as drop cords or extension cords, or where users might not be proficient in circuit testing.

Applications

- Power-driven hand tools
- Electrical industrial equipment
- Manufacturing plants
- Broadcast studio equipment
- Staging & entertainment equipment
- Fire-protection equipment
- Hospital/healthcare equipment
- Temporary taps at construction sites

**Features & Benefits**





Another function is for monitoring connection status. With ConnectGlow devices, you can visually monitor a connection to assure it is maintained.

Features

- 15A and 20A 3-wire plugs and connectors
- Bright Neon bulb with full 360° visibility
- Mag-Vu™ window magnifies bulb and terminal for easy inspection
- 5-year limited warranty
- **Exclusive** Marincos Mag-Vu™ Windows makes visual verification of condition of terminal connections fast and easy.

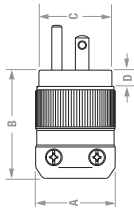
**Locking
ConnectGlow Selection**



| Amps | Poles/ Wires | Voltage | NEMA Config. | | Body Color | Housing Color | Connector | Plug |
|-------------|-----------------|---------|---|---|---------------|------------------|--------------|--------------|
| ConnectGlow | | | | | | | | |
| 15 | 2P 3W | 125 |  |  | white | transp | 4729L | 4720L |
| 20 | 2P 3W | 125 |  |  | white | transp | 205CL | 205PL |



205CL



Dimensional drawings
and specifications
on pages 34-37



4270L

Related Products



Accessories
page 38-40

OEM Available: Add suffix ".OEM" to the Part number for bulk packaging. Quantities vary. See your sales rep for quantity details.

Locking**Corrosion Resistant Devices**

Independent lab certified corrosion-resistant devices in a 240-hour 5% salt-spray test in accordance with ASTM B117

Corrosion resistant, marine grade construction with 5 year warranty.

PL Exclusive Perma-Lock™ wire terminals provide secure, easy to wire connections (15A & 50A models). Details on page 8.

**Applications**

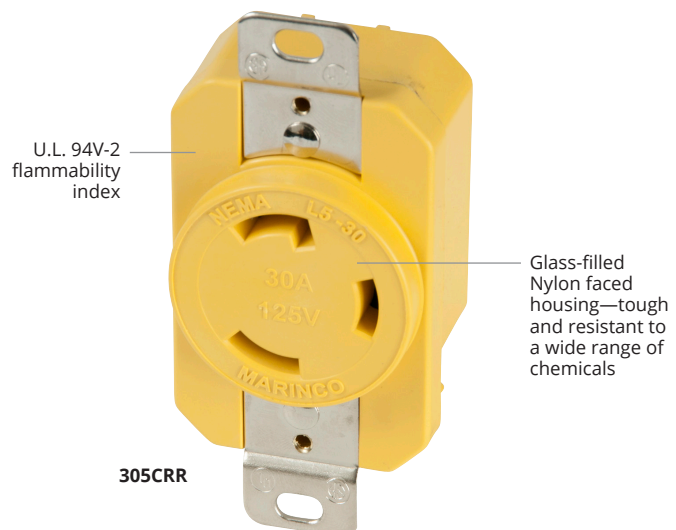
- Power-driven hand tools
- Electrical industrial equipment
- Manufacturing plants
- Broadcast studio equipment
- Staging & entertainment equipment
- Fire-protection equipment
- Hospital/healthcare equipment
- Temporary taps at construction sites

Plugs & Connectors

- Nickel plated contacts
- Thumbprint locator on cover makes it easy to align the ground blade for easier hook-up
- Accepts any 10/3 S-type (STW, STOW) cable up to 3/4" in diameter
- Clear terminal cover allows for easy inspection of wiring connection
- Plug and Connector accepts #16 to #10 gauge wires
- Exclusive cover provides superior waterproof seal
- Stainless Steel Fasteners for corrosion resistance
- Powerful strain relief with stainless screws
- Exclusive Marinco® cover provides superior waterproof seal
- Contoured weatherproof cover allows better grip

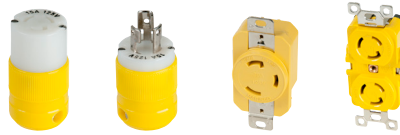
Receptacles

- Corrosion resistant, marine grade construction with 5 year warranty
- Nickel plated contacts
- Stainless Steel Fasteners for corrosion resistance
- Terminals and contacts—clamp type terminals provide superior wire holding. Rivetless one-piece contacts eliminate joint resistance



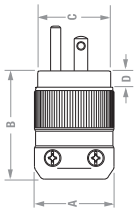
Locking

Corrosion Resistant Selection



| Amps | Poles/ Wires | Voltage | NEMA Config. | Body Color | Housing Color | Connector | Plug | Single Receptacle | Duplex Receptacle |
|------|-----------------|---------|---------------|---------------|------------------|-----------|---------|----------------------|----------------------|
| 15 | 2P 3W | 125 | L5-15R L5-15P | white | black | 4731CR | 4721CR | — | 4700CR |
| 20 | 2P 3W | 125 | L5-20R L5-20P | white | yellow | 205CRCN | 205CRPN | — | 205CRR |
| 30 | 2P 3W | 125 | L5-30R L5-30P | white | black | 305BC | 305BP | 305CRRB | — |
| 30 | 2P 3W | 125 | L5-30R L5-30P | white | yellow | 305CRCN | 305CRPN | 305CRR | — |
| 50 | 2P 3W | 125 | SS-1 R P | white | yellow | 6360CRN | 6361CRN | 6370CR | — |
| 50 | 3P 4W | 125/250 | SS-2 R P | white | yellow | 6364CRNS | 6365CRN | — | — |
| 50 | 3P 4W | 125/250 | SS-2 R P | white | black | — | — | 6369CRS | — |

Note: 50A corrosion resistant devices are not CS (California Standard).



Dimensional drawings and specifications on pages 34-37



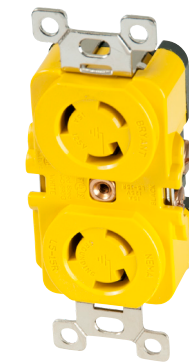
6370CR



6370CR



6370CR



4700CR

Related Products



Accessories page 38-40

OEM Available: Add suffix ".OEM" to the Part number for bulk packaging. Quantities vary. See your sales rep for quantity details.

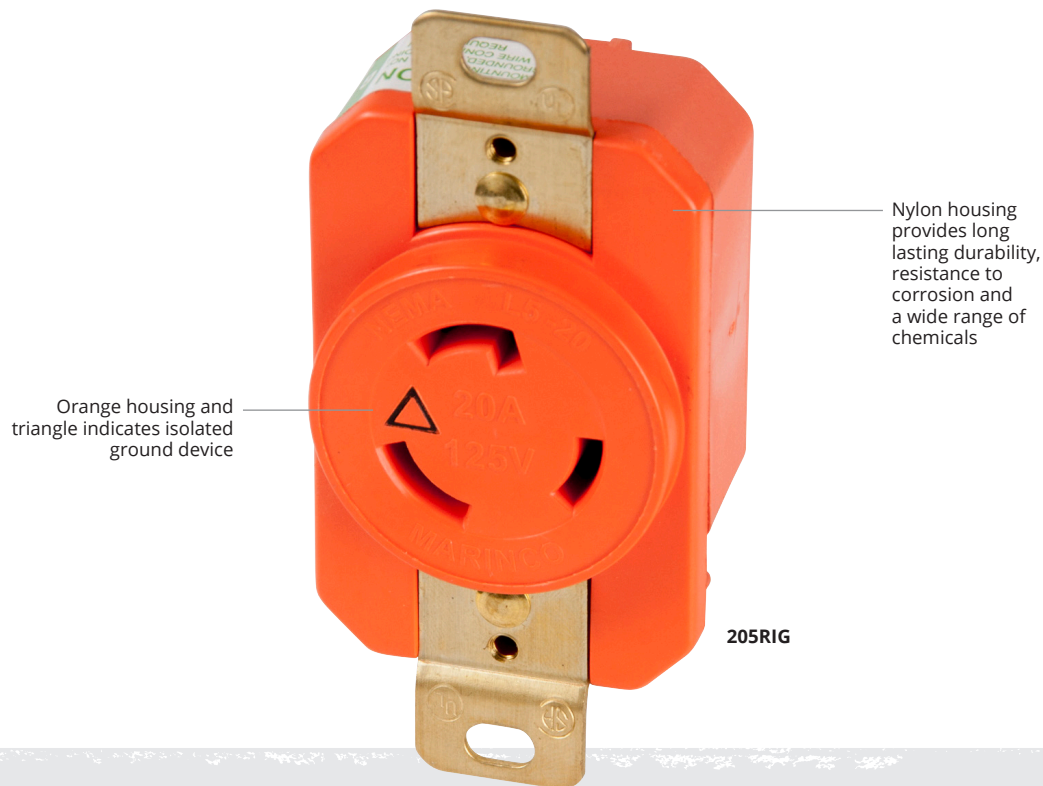
Locking**Isolated Ground Devices**

For noise sensitive applications. All Marincos Isolated Ground devices are orange, with an triangle indicating isolated ground.

Equipment requiring an isolated ground should use an isolated ground plug (orange housing) to show that the equipment should be connected to an isolated ground receptacle.

Applications









- Broadcast studio equipment
- Staging & entertainment equipment
- Fire-protection equipment
- Hospital/healthcare equipment

**Features & Benefits**

Conventional receptacles have grounding contacts that are connected to the box, fittings, conduit and all other building ground system components, which can act as a large antenna for EMI and RFI.

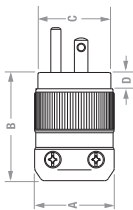
The ground terminals on Marincos IG-receptacles are designed to directly connect only to the service entrance grounding system, per NEC Article 250.146(D).

Locking
Isolated Ground Selection

| Amps | Poles/ Wires | Voltage | NEMA Config. | Body Color | Housing Color | Single Receptacle |
|------|-----------------|---------|--|---------------|------------------|----------------------|
| 20 | 2P 3W | 125 |   L5-20R L5-20P | orange | orange | 205RIG |
| 20 | 2P 3W | 250 |   L6-20R L6-20P | orange | orange | 206RIG |
| 30 | 2P 3W | 125 |   L5-30R L5-30P | orange | orange | 305RIG |
| 30 | 2P 3W | 250 |   L6-30R L6-30P | orange | orange | 306RIG |



306RIG



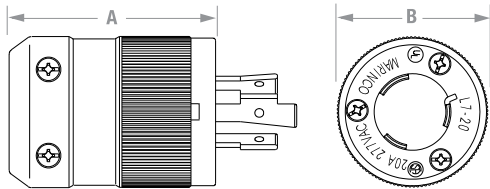
Dimensional drawings
and specifications
on pages 34-37

OEM Available: Add suffix ".OEM" to the Part number for bulk packaging.
Quantities vary. See your sales rep for quantity details.

Dimensions (20A & 30A)

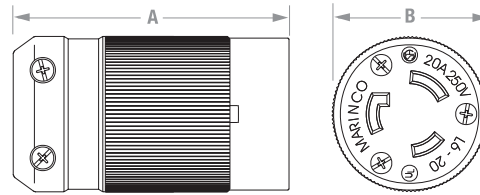
Plugs

| | A | B |
|------------|-------|-------|
| 3 Wire | 2.54" | 1.84" |
| 4 & 5 Wire | 3.04" | 2.11" |



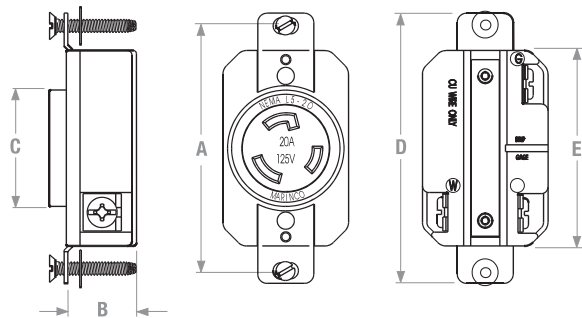
Connectors

| | A | B |
|------------|-------|-------|
| 3 Wire | 3.55" | 1.84" |
| 4 & 5 Wire | 4.10" | 2.11" |



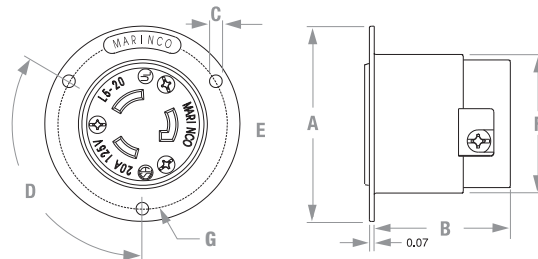
Receptacles

| | A | B | C | D | E |
|------------|-------|------|-------|-------|-------|
| 3 Wire | 3.28" | .97" | 1.56" | 3.63" | 2.38" |
| 4 & 5 Wire | 3.28" | .97" | 1.56" | 3.63" | 2.38" |



Inlets & Outlets

| | A | B | C | D | E | F | G |
|------------|-------|-------|-------|------|-------|-------|------|
| 3 Wire | 2.88" | 2.00" | .185" | 120° | 1.25" | 2.04" | 2.50 |
| 4 & 5 Wire | 3.02" | 1.93" | .185" | 120° | 1.35" | 2.19" | 2.68 |



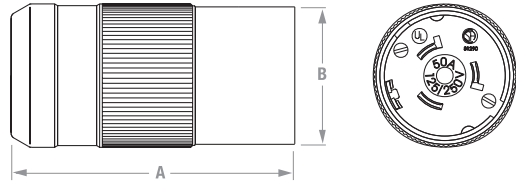
Specifications (20A & 30A)

| | |
|-------------------------------------|---|
| Dielectric Withstand Voltage | >3,000V |
| Heat Rise | Maximum 30°C after 100 cycles at 150% of rated current. |
| Current Interrupting | Yes |
| Plugs & Connectors | |
| Front & Rear Housing | Nylon – Tough and resistant to a wide range of chemicals. U.L. Recognized for 125°C continuous use. U.L. 94V-2 Flammability Index. |
| Cord Clamp | Nylon |
| Terminals & Contacts | Solid brass |
| Terminal Clamps & Screws | #10 solid brass for excellent conductivity. |
| Terminal Cover | Clear polycarbonate |
| Agency Listings | U.L. Listed File E57672 C.S.A. Certified File LR81290 |
| Cord Accommodation | 3-wire: .275"-.780" 4 & 5-wire: .456"-1.150" |
| Terminal Accommodation | 3-wire: #16-10 4 & 5-wire: #14-8 |
| Receptacles | |
| Face and Housing | Glass-filled nylon – Tough and resistant to a wide range of chemicals. U.L. Recognized for 130°C continuous use. U.L. 94V-O Flammability Index. Mounting straps, rivets and grounding strip are solid brass. |
| Terminal Clamps & Screws | #10 solid brass for excellent conductivity. Can accept up to a #6 ring terminal. |
| Agency Listings | U.L. Listed File E111198 C.S.A. Certified File LR81290 |
| Terminals & Contacts | Clamp-type terminals provide wire holding. Rivetless, one-piece contacts eliminate joint resistance. |
| Terminal Accommodation | #14-8 |
| Flanged Inlets & Outlets | |
| Flange & Housing | Nylon |
| Blades (Inlet) | Solid brass |
| Contacts (Outlet) | Solid brass |
| Terminal Screws | Solid brass |
| Terminal Clamps | Solid brass |
| Terminal Cover | Clear polycarbonate |

Dimensions (50A)

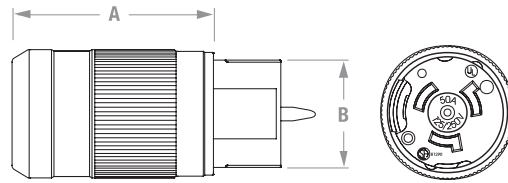
Plugs

| A | B |
|-------|-------|
| 4.73" | 2.29" |



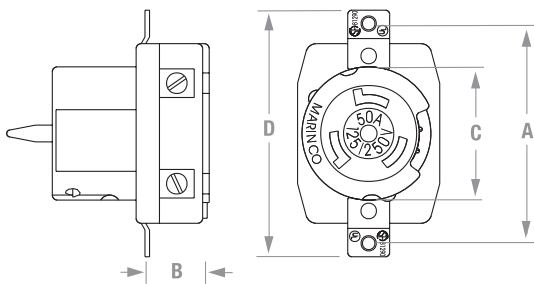
Connectors

| A | B |
|-------|-------|
| 3.72" | 1.98" |



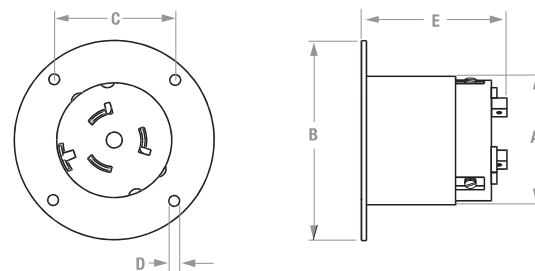
Receptacles

| A | B | C | D |
|-------|-------|-------|-------|
| 3.28" | 1.08" | 1.98" | 3.68" |



Inlets

| A | B | C | D | E |
|-------|-------|-------|------|-------|
| 2.25" | 3.50" | 3.00" | .18" | 2.63" |



Specifications (50A)

| | |
|-------------------------------------|--|
| Dielectric Withstand Voltage | >3,000V |
| Heat Rise | Maximum 30°C after 100 cycles at 150% of rated current. |
| Current Interrupting | Yes |
| Plugs & Connectors | |
| Gasket | Neoprene |
| Assembly Screws | Stainless steel |
| Body | Nylon |
| Cord Clamps | Glass-filled nylon |
| Plug Shroud | Stainless steel with PVC exterior |
| Blades | Solid brass (plugs) |
| Contacts | Copper alloy (connectors) |
| Terminal Clamps & Screws | Brass |
| Agency Listings | U.L. Listed File E57672 C.S.A. Certified File LR81290 |
| Cord Accommodation | .680"-1.125" |
| Terminal Accommodation | #10-4 |
| Receptacles | |
| Body | Glass-filled nylon |
| Ground Strap | Brass |
| Contacts | Brass |
| Terminal Screws | Brass |
| Terminal Clamps | Brass |
| Terminal Accommodation | #10-6 |
| Flanged Inlets & Outlets | |
| Flange Housing | Nylon |
| Insulator | Nylon |
| Blades | Brass |
| Terminal Clamps | Brass |
| Terminal Accommodation | #10-4 |

Accessories—Covers / Sealing Rings / Cap

Plug Covers

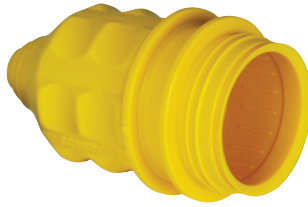


Plug Cover

- Cover for 15A & 20A straight blade plugs and 15A locking plugs (5266, 5366, 5466, 5666, 5269, 5369, 5469, 5669)

- Black

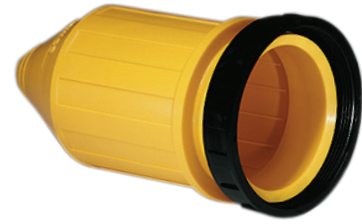
6017



Waterproof Plug Cover

- Cover for 20A & 30A locking plugs
- Yellow

102N



Waterproof Plug Cover

- Cover for 50A connectors
- Yellow

7715CRN

Connector Covers



Connector Cover

- Cover for 15A & 20A straight blade connectors and 15A locking connectors

- Black

6018



Waterproof Connector Cover

- Cover for 20A & 30A locking connectors
- Yellow

103RN

103RN.OEM OEM packaging



Waterproof Connector Cover

- Cover for 50 amp plugs
- Yellow

7717N

102182 yellow

102182 white



Charger Connector Cover

- Connector cover for charger inlet
- Yellow
- Available in OEM packaging only

1520BI.OEM

Related Products



Straigh Blade
Plugs & Connectors
start on page 10



Locking
Plugs & Connectors
start on page 24



Raintight Cover

Use with all Marincó 15A and 20A straight blade, as well as 15A locking, flanged inlets and outlets. Standard: black

WP1



Weatherproof Cover

- Fits 15A, 20A, & 30A single receptacles
- Yellow LEXAN® polycarbonate cover with flip lid

7420CRS yellow
7420GY gray



Weather-Resistant Cover

Low cost, quick assembly. Spring-loaded flip lid. Fits 3-, 4- and 5-wire, single receptacles. Black plastic.

2030FL



Weatherproof Cover

- Yellow LEXAN® polycarbonate cover with flip lid
- Fits 50A receptacles 6369CR & 6370CR

7788CRS yellow
7788GY gray
7788BL black **NEW**



Sealing Collar w/ Threaded Ring

- Provides maximum moisture protection between cordset & adapter
- Use with 50 amp systems only

510R



Sealing Collar w/ Threaded Ring

- Provides maximum moisture protection between cordset & adapter
- Use with 20 & 30 amp locking systems

110R



Threaded Sealing Ring

- Use with 30 amp systems

100R



Threaded Locking Sealing Ring

- Use with 50 amp systems

500R



Watertight Connector Cap

- For use on 16 or 32 amp products for CE compliance
- For use on 30 or 50 amp products to protect the connector when not in use (not compatible with California standard 50 amp devices)

199109PK 16A/30A
199110PK 32A/50A

Related Products



Straigh Blade Devices start on page 10













Locking Devices start on page 24

One-Piece Adapters

These adapters do not have covers and are not recommended for use in wet locations.







| Part # | Connector End | Plug End |
|--------|---|--|
| S20-15 |  15A or 20A 125V Straight Blade |  20A 125V Locking |
| S30-15 |  15A or 20A 125V Straight Blade |  30A 125V Locking |
| S15-30 |  30A 125V Locking |  15A 125V Straight Blade |
| S20-30 |  30A 125V Locking |  20A 125V Locking |
| 125W* |  30A RV Connector |  30A 125V Locking |

*125W is not CSA approved

Pigtail Adapters

These adapters are equipped with covers and sealing collars (where indicated), and are for use in wet locations. Marincos unique sealing collar system with MarineGuard II cover joins the adapter to the cordset with a positive, mechanical connection which provides maximum moisture protection.









| Part # | Connector End | Plug End |
|--------|--|---|
| 104SPP |  30A 125V Locking with Sealing Collar System |  15A 125V Straight Blade with Locking Screw |
| 105SPP |  15A 125V Straight Blade |  30A 125V Locking |

"Y" Adapters

These adapters are equipped with covers and sealing collars (where indicated), and are for use in wet locations.











| Part # | Connector End | Plug End |
|----------------------|---|--|
| 152AY |  (2) 30A 125V Locking w/ Sealing Collar System |  50A 125V Locking |
| 153AY |  (2) 30A 125V Locking w/ Sealing Collar System |  50A 125V/250V Locking |
| 157AY |  (2) 30A 125V Locking w/ Sealing Collar System |  30A 125V Locking |
| 165AYB-NC NEW | — | — |





NEMA: Product Selection Guide







Straight Blade

| Poles/Wires | Voltage | NEMA Config. | AC HP rating | Application Type | Connector | Plug | Receptacle Duplex | Flanged Inlet | Outlet | Dust-resistant Inlet | Dust-resistant Outlet | Cat. Pg. | | | |
|---------------|---------|--|--|------------------|---|---|-------------------|---------------|--------|----------------------|-----------------------|----------|------|---------|----|
| 15 Amp | | | | | | | | | | | | | | | |
| 2P 3W | 125V |  |  | .5 | Spec. Grade | 5269 | 5266 | 5252 | 5278 | 5279 | 5278DRI | 5279DRO | 11 | | |
| | | | | | Clamp-Lock | CL5269 | CL5266 | — | — | — | — | — | — | — | 13 |
| | | ConnectGlow | 5269L | | 5266L | — | — | — | — | — | — | — | — | 18 | |
| | | Right Angle | — | | 5266RA | — | — | — | — | — | — | — | — | 11 | |
| | | Corrosion-Rst. | 5269CR | | 5266CRS | 5262CRR | — | — | — | — | — | — | — | 17 | |
| | | All Black | 5269BL | | 5266BL | — | 5278BL | 5279BL | 150BBI | — | — | — | — | 11 | |
| | | Clamp-Lock | CL5269BL | | CL5266BL | — | — | — | — | — | — | — | — | 13 | |
| | | Hosp. Grade | 8219 | | 8215 | — | — | — | — | — | — | — | — | 15 | |
| | | Clamp-Lock | CL8219 | | CL8215 | — | — | — | — | — | — | — | — | 13 | |
| | | Hosp. Grade | 8219T | | 8215T | — | — | — | — | — | — | — | — | 15 | |
| | | Clamp-Lock | CL8219T | | CL8215T | — | — | — | — | — | — | — | — | 13 | |
| | | Right Angle | — | | 8215TRA | — | — | — | — | — | — | — | — | 15 | |
| | | Hosp. Grade | 8219TL | | 8215TL | — | — | — | — | — | — | — | — | 18 | |
| | | 2P 3W | 250V | |  |  | 1.5 | Spec. Grade | 5669 | 5666 | — | 5678 | 5679 | 5678DRI | — |
| Clamp-Lock | CL5669 | | | CL5666 | | | | — | — | — | — | — | — | — | 13 |
| 20 Amp | | | | | | | | | | | | | | | |
| 2P 3W | 125V |  |  | 1 | Spec. Grade | 5369 | 5366 | 5352 | 5378 | 5379 | 200BBI.RV | 5379DRO | 11 | | |
| | | | | | Clamp-Lock | CL5369 | CL5366 | — | — | — | — | — | — | — | 13 |
| | | | | | Corrosion-Rst. | 5369CR | — | — | — | — | — | — | — | — | — |
| 2P 3W | 250V |  |  | 2 | Spec. Grade | 5469 | 5466 | 5462 | 5478 | 5479 | 5478DRI | 5479DRO | 11 | | |

IEC



























| Poles/Wires | Voltage | IEC config. | Application Type | Connector | Cat. Pg. |
|---------------|---------|---|------------------|-----------|----------|
| 15 Amp | | | | | |
| 2P 3W | 120V |  | IEC320 | 320IEC13 | 20 |
| | | | IEC320 | 320IEC15 | 20 |
| 20 Amp | | | | | |
| 2P 3W | 120V |  | IEC320 | 320IEC19 | 20 |

NEMA Locking

| Poles/Wires | Voltage | NEMA Config. | AC HP rating | Application Type | Connector | Plug | Receptacle Single | Duplex | Flanged Inlet | Outlet | Cat. Pg. | |
|---------------|---------|---|---|------------------|-------------|-------|-------------------|--------|---------------|--------|----------|----|
| 15 Amp | | | | | | | | | | | | |
| 2P 3W | 125V |  |  | .5 | Spec. Grade | 4729 | 4720 | 4710 | 4700 | 4716 | 4715 | 26 |
| | | | | | ConnectGlow | 4729L | 4720L | — | — | — | — | 29 |
| | | Corrosion-Rst. | 4371CR | | 4721CR | — | 4700CR | — | — | 31 | | |
| | | All Black | 4729BL | | 4720BL | — | — | — | — | 26 | | |
| 2P 3W | 250V |  |  | 2 | Spec. Grade | 4579 | 4570 | 4560 | 4550 | 4586 | 4585 | 26 |
| | | | | | | | | | | | | |
| 2P 3W | 277V |  |  | 2 | Spec. Grade | 4779 | 4770 | 4760 | — | 4786 | 4785 | 26 |





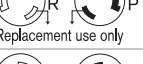







Product Selection Guide

NEMA Locking

| Poles/ Wires | Voltage | NEMA Config. | AC HP Rating | Application Type | Connector | Plug | Receptacle Single | Flanged Inlet | Flanged Outlet | Cat. Pg. |
|-----------------|-----------------|--|-----------------|---------------------|-----------|---------|----------------------|------------------|-------------------|-------------|
| 20 Amp | | | | | | | | | | |
| 2P 3W | 125 |   L5-20R L5-20P | 1 | Spec. Grade | 205C | 205P | 205R | 205FI | 205FO | 26 |
| | | | | ConnectGlow | 205CL | 205PL | — | — | — | 29 |
| | | | | Corrosion-Rst. | 205CRCN | 205CRPN | 205CRR | — | — | 31 |
| | | | | All Black | 205CBL | 205PBL | — | — | — | 26 |
| | | | | Isolated Grnd. | — | — | 205RIG | — | — | 33 |
| 2P 3W | 250 |   L6-20R L6-20P | 2 | Spec. Grade | 206C | 206P | 206R | 206FI | 206FO | 26 |
| | | | | All Black | 206CBL | 206PBL | — | — | — | 26 |
| | | | | Isolated Grnd. | — | — | 206RIG | — | — | 33 |
| 2P 3W | 277 |   L7-20R L7-20P | 2 | Spec. Grade | — | 207P | — | — | — | 26 |
| | 125/250 |   L14-20R L14-20P | 2(1) | Spec. Grade | 2014C | 2014P | 2014R | 2014FI | 2014FO | 26 |
| 3P 4W | 3ø 250 |   L15-20R L15-20P | 3 | Spec. Grade. | 2015C | 2015P | 2015R | 2015FI | 2015FO | 26 |
| | | | | | | | | | | |
| | 3ø 480 |   L16-20R L16-20P | 5 | Spec. Grade | 2016C | 2016P | 2016R | — | — | 26 |
| 4P 5W | 3ø Y 120/208 |   L21-20R L21-20P | 2 | Spec. Grade | 2021C | 2021P | 2021R | — | 2021FO | 26 |
| 30 Amp | | | | | | | | | | |
| 2P 3W | 125 |   L5-30R L5-30P | 2 | Spec. Grade | 305C | 305P | 305R | 305FI | 305FO | 26 |
| | | | | Corrosion-Rst. | 305BC | 305BP | 305CRRB | — | — | 31 |
| | | | | Corrosion-Rst. | 305CRCN | 305CRPN | 305CRR | — | — | 31 |
| | | | | Isolated Grnd. | — | — | 305RIG | — | — | 33 |
| 2P 3W | 250 |   L6-30R L6-30P | 2 | Spec. Grade | 306C | 306P | 306R | 306FI | 306FO | 26 |
| | | | | Isolated Grnd. | — | — | 306RIG | — | — | 33 |
| | | | | | | | | | | |
| | 125/250 |   L14-30R L14-30P | 2 | Spec. Grade | 3014C | 3014P | 3014R | 3014FI | 3014FO | 26 |
| 3P 4W | 3ø 250 |   L15-30R L15-30P | 3 | Spec. Grade | 3015C | 3015P | 3015R | 3015FI | 3015FO | 26 |
| | | | | | | | | | | |
| | 3ø 480 |   L16-30R L16-30P | 10 | Spec. Grade. | 3016C | 3016P | 3016R | — | 3016FO | 26 |
| 4P 5W | 3ø Y 120/208 |   L21-30R L21-30P | 3 | Spec. Grade | 3021C | 3021P | 3021R | 3021FI | 3021FO | 26 |

Product Selection Guide

Non-NEMA Locking

| Poles/Wires | Voltage | NEMA Config. | Application Type | Connector | Plug | Receptacle Single | Flanged Inlet | Flanged Inlet w/ Lid | Cat. Pg. |
|---------------|-----------------|---|------------------|-----------|---------|-------------------|---------------|----------------------|----------|
| 20 Amp | | | | | | | | | |
| 4P 4W | 3Ø Y 120/208 |  Replacement use only | Spec. Grade | 7413C | 7411C | — | — | — | 27 |
| 50 Amp | | | | | | | | | |
| 2P 3W | 125 |  Calif. Standard | Spec. Grade | CS6360N | CS6361N | CS6370 | — | — | 27 |
| | |  SS1-50 | Corrosion-Rst. | 6360CRN | 6361CRN | 6370CR | — | — | 31 |
| | 250 |  Calif. Standard | Spec. Grade | CS8264N | CS8265N | CS8269 | CS8275 | — | 27 |
| 2P 3W | 250DC/ 600AC |  Replacement use only | Spec. Grade | 3762N | 3763N | 3771 | 3777 | — | 27 |
| | |  Calif. Standard | Spec. Grade | CS8464N | CS8465N | CS8469 | — | — | 27 |
| 3P 4W | 125/250 |  Calif. Standard | Spec. Grade | CS6364N | CS6365N | CS6369 | CS6375 | CS6375FL | 27 |
| | |  SS2-50 | Corrosion-Rst. | 6364CRNS | 6365CRN | 6369CRS | — | — | 31 |
| | 3Ø 250 |  Calif. Standard | Spec. Grade | CS8364N | CS8365N | CS8369 | CS8375 | — | 27 |
| 3P 4W | 250DC/ 600AC |  Replacement use only | Spec. Grade | 3764N | 3765N | 3769 | 3775 | — | 27 |
| | |  Replacement use only | Spec. Grade | 7764N | 7765N | — | 7958 | — | 27 |
| | |  Calif. Standard | Spec. Grade | CS8164N | CS8165N | CS8169 | CS8175 | — | 27 |

CAM TECH DEVICES

CAM Technology

Cam Technology devices from Marinco are part of the Advanced Devices family of products. Originally an independent manufacturer, Advanced Devices was acquired by Marinco in 2004 so Marinco could offer this line of innovative high-amperage products to its industrial customers.

While developed to meet the demanding requirements of the entertainment industry – and continuing to be heavily used there – Cam Technology products have found acceptance in industrial applications because the devices feature rugged design, proven, durable materials and precise assembly. These characteristics make Cam Technology devices ideal for high-amperage applications in entertainment, mining, construction, offshore oil rigs, ship-to-shore power, utilities, load-testing equipment, portable generators and more.

Today, Marinco offers a broad range of CAM devices to meet the needs of these markets and applications.

Making the Best even Better, Improved Inline CAMs

Our inline CAMs are the best in the industry, but we're always looking for ways to make our devices work better for you. We personally visited a number of our customers to see our inline cams in action and received input on what we could improve.

As a result, we updated our CAMs to use a smoother body design that eliminates sharp edges that can get caught during use. This design also provides a perfectly contoured ergonomic grip to give you maximum control during mating and removal. Highly visible alignment arrows guide quicker alignment during mating. Add these improvements to the fact that we've added a wider screw driver slot, wider cut lines and offset internal steps you'll see that our inline CAMs are now better than ever.





- Inline Connectors | 46
- Panel Mounts | 48
- Cam Reducers | 50
- CL/CLS/CLM Adapters | 51
- CL/CLS/CLM Covers & Caps | 52
- Tools, Parts & Accessories | 53
- Dimension Drawings | 54

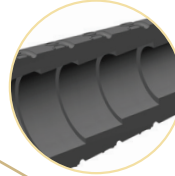
Portable generators and power distribution panels are a common application for Cam Technology single pole CAM devices.

CAM Technology Inline Connectors



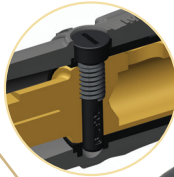
Wider Cut Lines

Wider indicator lines allow for easier cuts
Offset internal step provides a clean
and tight sealing surface



Retention Screw

Nonconductive glass filled
nylon screw
Wider screwdriver slot
allows easier assembly



Smooth Design

Eliminates sharp edges
that get caught during use

Ergonomic Grip

Contour shape is ergonomic and
gives user maximum control

Alignment Arrow

Makes mating quick
and easy

Improved Contact

Solid brass contact has optimized
chamfers on both ends for easier
installation



Features & Benefits

CLS Series and CLM Series inline connectors have a non-conductive retaining screw which passes through the brass contact and fastens at both ends to the retaining ring, providing maximum resistance to excessive torque loading. Constructed of solid weatherproof materials, all CLS and CLM products are UL listed, CSA listed, NEMA type 3R and NEMA 4 rated for wet locations.

All CL, CLS and CLM Series products mate precisely with all other manufacturers' cam products.

CL panel mount devices are constructed of super tough nylon housing which will not chip or crack under extreme temperatures and impact conditions. The unique mounting system permits the use of self tapping stainless screws. No lock washers or nuts required for assembly.



CAM Technology Inline Connectors



CLS Series 16 Inline

- NEMA type 3R/4
- Santoprene boot
- 400A 600V
- Accepts #6-4/0 wire

| Wire Connection | M/F | Item # |
|---|--------|------------|
| #6-#2 AWG | Male | CLS2MB |
| | Female | CLS2FB |
| #6-#2 AWG brass contact with hardware | Male | CLS2MCONT |
| | Female | CLS2FCONT |
| #2-2/0 AWG | Male | CLS20MB |
| | Female | CLS20FB |
| #2-2/0 AWG brass contact with hardware | Male | CLS20MCONT |
| | Female | CLS20FCONT |
| 2/0-4/0 AWG | Male | CLS40MB |
| | Female | CLS40FB |
| 2/0-4/0 AWG brass contact with hardware | Male | CLS40MCONT |
| | Female | CLS40FCONT |
| Boot with retaining screw | Male | CLSMBOOT |
| | Female | CLSFBOOT |

A B C D E F G H

| | |
|---------------------------|----------|
| Retaining Screw (25 pack) | 203279.1 |
|---------------------------|----------|



CLS Series 18 Inline Ballnose

- NEMA type 3R/4
- Santoprene boot
- 400A 600V
- Accepts #6-4/0 wire

| Wire Connection | M/F | Item # |
|---|--------|--------------|
| #6-#2 AWG | Male | CLS182MB |
| | Female | CLS182FB |
| #6-#2 AWG brass contact with hardware | Male | CLS182MCONT |
| | Female | CLS182FCONT |
| #2-2/0 AWG | Male | CLS1820MB |
| | Female | CLS1820FB |
| #2-2/0 AWG brass contact with hardware | Male | CLS1820MCONT |
| | Female | CLS1820FCONT |
| 2/0-4/0 AWG | Male | CLS1840MB |
| | Female | CLS1840FB |
| 2/0-4/0 AWG brass contact with hardware | Male | CLS1840MCONT |
| | Female | CLS1840FCONT |
| Boot with retaining screw | Male | CLS18MBOOT |
| | Female | CLS18FBOOT |

A B C D E

| | |
|---------------------------|----------|
| Retaining Screw (25 pack) | 203279.1 |
|---------------------------|----------|

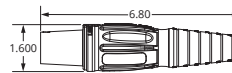


CLM Mini Series 15 Inline

- NEMA type 3R/4
- Santoprene boot
- 150A 600V
- Accepts #8-#2 wire

| Wire Connection | M/F | Part # |
|-----------------|--------|--------|
| #8-#2 AWG | Male | CLM2M |
| | Female | CLM2F |

A B C D E F G H



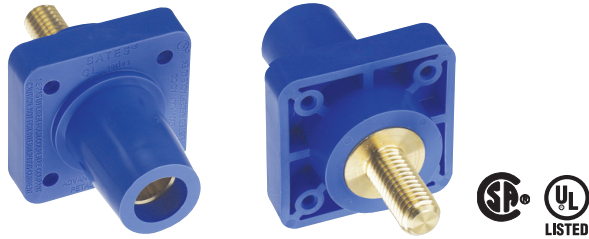
Dimensional drawings on page 54

WHEN YOU ORDER

Part # + Color Letter (**A B C D E F G H**) + (optional) .OEM = Ordering Number

Examples: CLS40MB + **-E** + .OEM = CLS40MB-E.OEM CLM2F + **-H** = CLM2F-H

CAM Technology Panel Mounts



CL Panel Mounts

- Super Tough Nylon
- 400A 600V
- Comes with qty (4) of #8 Plastite Self Threading Screw for Mounting Flange
- Optional drilled out version (X) for #10-32 nut and bolt

| Wire Connection | M/F | Part # |
|------------------------------------|--------|-------------|
| #2-2/0 AWG double set screw | Male | CL20MRB |
| | Female | CL20FRB |
| 2/0-4/0 AWG double set screw | Male | CL40MRB |
| | Female | CL40FRB |
| One hole bus bar 5/16" - 18 thread | Male | CL40MRB-BB* |
| | Female | CL40FRB-BB* |
| 1-1/8" threaded stud | Male | CL40MRSB |
| | Female | CL40FRSB |
| 2" threaded stud | Male | CL40MRSB2 |
| | Female | CL40FRSB2 |

*brass threaded insert for #10-32 bolt (not included)

A B C D E F G H



CLS Panel Mounts

- Santoprene
- 400A 600V
- Brass threaded inserts for #10-32 bolt (Not provided)
- Optional drilled out version (X) for #10-32 nut and bolt

| Wire Connection | M/F | Part # |
|------------------------------------|--------|-------------------------|
| 2/0-4/0 AWG double set screw | Male | CLS40MRB |
| | Female | CLS40FRB |
| One hole bus bar 5/16" - 18 thread | Male | CLS40MRB-BB |
| | Female | CLS40FRB-BB |
| Two hole bus bar 5/16" - 18 thread | Male | CLS40MRB-BB2 |
| | Female | CLS40FRB-BB2 |
| 1-1/8" threaded stud | Male | CLS40MRSB |
| | Female | CLS40FRSB |
| 1-1/2" threaded stud | Male | CLS40MRSB1.5 NEW |
| | Female | CLS40FRSB1.5 NEW |

A B C D E F G H



CLS Series 18 Ballnose Panel Mounts **NEW**

- Santoprene overmold
- 400A 600V AC/DC ratings
- Brass threaded inserts for #10-32 bolt (not provided)
- Available in 2/0-4/0 AWG wire range
- Double set screw and 1-1/8" threaded stud configurations

| Wire Connection | M/F | Part # |
|--------------------------|--------|-------------|
| 2/0-4/0 double set screw | Male | CLS1840MRB |
| | Female | CLS1840FRB |
| 1-1/8" threaded stud | Male | CLS1840MRSB |
| | Female | CLS1840FRSB |

A B C D E

WHEN YOU ORDER Part # + Color Letter (**A B C D E F G H**) + Drill Out (X) = Ordering Number
(mounting holes)
 Examples: CL20MRB + -E + X(drill out) = CL20MRB-EX

CAM Technology Panel Mounts



CLM Mini Panel Mounts

- Super Tough Nylon
- 150A 600V
- Comes with qty (3) #8 Self Tapping Screws for Mounting Flange
- Optional drilled out version (X) for #10-32 nut and bolt

| Wire Connection | M/F | Part # |
|-------------------------------------|--------|--------|
| #8-#2 AWG double set screw | Male | CLMMR2 |
| | Female | CLMFR2 |
| 5/16"-18 threaded stud 3/4" long | Male | CLMMRS |
| | Female | CLMFRS |

A B C D E F G H



CLSM Mini Panel Mounts

- Santoprene
- 150A 600V
- Drilled out for #10-32 nut and bolt (Not provided)

| Wire Connection | M/F | Part # |
|-------------------------------------|--------|---------|
| #8-#2 AWG double set screw | Male | CLSMR2 |
| | Female | CLSMFR2 |
| 5/16"-18 threaded stud 3/4" long | Male | CLSMRS |
| | Female | CLSMFRS |

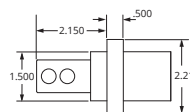
A B C D E F G H



CLS 45 Degree Panel Mounts

- Santoprene
- 400A 600V
- One piece brass contact
- Brass eyelets for #10-32 through bolt (Not provided)

| Wire Connection | M/F | Part # |
|------------------------------------|--------|-------------------------|
| 1-1/8" threaded stud | Male | CLS45MRSB |
| | Female | CLS45FRSB |
| 2/0-4/0 AWG double set screw | Male | CLS45MRB |
| | Female | CLS45FRB |
| 2" threaded stud | Male | CLS45MR2SB |
| | Female | CLS45FR2SB |
| One hole bus bar 5/16" - 18 thread | Male | CLS45MRB-BB |
| | Female | CLS45FRB-BB |
| Two hole bus bar 5/16" - 18 thread | Male | CLS45MRB-BB2 NEW |
| | Female | CLS45FRB-BB2 NEW |



Dimensional drawings on pages 54-55

A B C D E F G H

WHEN YOU ORDER Part # + Color Letter (**A B C D E F G H**) = Ordering Number
 Examples: CLS45MRSB + -E = CLS45MRSB-E

CAM Technology Cam Reducers



Male-Male Coupler

- 150A / 600V
- Male-Male

CLMMM

A **B** **C** **D** **E**


Female-Female Coupler

- 150A / 600V
- Female-Female

CLMFF

A **B** **C** **D** **E**


Male-Male-Female T

- 150A / 600V
- Male-Male-Female

CLMPT

A **B** **C** **D** **E**


Male-Female-Female T

- 150A / 600V
- Male-Female-Female

CLMTT

A **B** **C** **D** **E**


400A Female-150A Female Cam Reducer

- 400A / 600V
- Female-Female

CLMADFF

A **B** **C** **D** **E**


400A Male-150A Female Cam Reducer

- 400A / 600V
- Male-Female

CLMADMF

A **B** **C** **D** **E**


400A Female-150A Male Cam Reducer

- 400A / 600V
- Female-Male

CLMADFM

A **B** **C** **D** **E**


400A Male-150A Male Cam Reducer

- 400A / 600V
- Male-Male

CLMADMM

A **B** **C** **D** **E**


3Fer 400A Male to Three 150A Females

- 400A / 600V
- Male-Female-Female-Female

CLMAD3F

A **B** **C** **D** **E**


3Fer 400A Male to Three 150A Female

- 400A / 600V
- Male-Female-Female-Female

CLMAD3FST

A **B** **C** **D** **E**
**WHEN
YOU
ORDER**
Part # + Color Letter (**A **B** **C** **D** **E**) = Ordering Number**

 Examples: CLMMM + **-E** = CLMMM-E CLMTT + **-B** = CLMTT-B

CAM Technology

CL/CLS/CLM Adapters



Reverse 3Fer
 • 400A / 600V
 • Female-Male-Male-Male

CA3M

B E



3Fer
 • 400A / 600V
 • Male-Female-Female-Female

CA3F

A B C D E



Male-Male Coupler
 • 400A / 600V
 • Male-Male

CDMM

A B C D E F G H



Female-Female Coupler
 • 400A / 600V
 • Female-Female

CDFF

A B C D E F G H



Paralleling T
 • 400A / 600V
 • Male-Male-Female

CPT

A B C D E



Tapping T
 • 400A / 600V
 • Male-Female-Female

CTT

A B C D E



Ballnose 3Fer
 • 400A / 600V
 • Male-Female-Female-Female

CA318F

A B C D E



Ballnose Tapping T
 • 400A / 600V
 • Male-Female-Female

CD18TT

A B C D E



Ballnose Male and Tapernose Female
 • 400A / 600V
 • Male-Female

CD1816MF

A B C D E



Male Angle Panel Mount
 • 400A / 600V

CL40MR-ANGLE

CL40MR-OFFSET

A B C D E F G H



Female Angle Panel Mount
 • 400A / 600V

CL40FR-ANGLE

CL40FR-OFFSET

A B C D E F G H



Paralleling T
 • 400A / 600V
 • Male-Male-Female
 • 18" cable length

CPTFST

B E



Tapping T
 • 400A / 600V
 • Male-Female-Female
 • 18" cable length

CTTFST

A B C D E



Tapping T
 • 400A / 600V
 • Male-Female-Male
 • 18" cable length

CTTMST

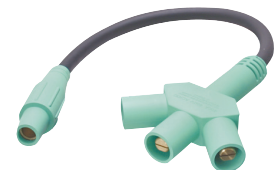
A B E



3Fer Cam
 • 400A / 600V
 • Male-Female-Female-Female
 • 18" cable length

CA3FST

A B C D E



Reverse 3Fer
 • 400A / 600V
 • Female-Male-Male-Male
 • 18" cable length

CA3MST

E

WHEN YOU ORDER Part # + Color Letter (**A B C D E F G H**) = Ordering Number
 Examples: CA3F + -E = CA3F-E



CAM Technology

CL/CLS/CLM Protective Covers & Caps

Manufactured in UV-resistant polycarbonate, all snap back plastic covers are made with stainless steel offset, spring and pin. Designed for surface mount, the new snap back plastic covers are fully gasketed and NEMA 3R rated for weathertight protection.



Now available
in Clear

Z

Mini CAM Cover

- For 150 amp panel mounts
- NEMA 3R
- All Plastic Construction
- Comes with gasket pre-applied

CLM3R

A B C D E F G H Z



Now available
in Clear

Z



CAM Cover

- For 400 amp panel mounts
- NEMA 3R
- All Plastic Construction
- Comes with gasket pre-applied

CLL3RN

A B C D E F G H Z



Santoprene Caps

- Protective cap with lanyard

CL40FC fits female

CL40MC fits male

CLMFC mini—fits female

CLMMC mini—fits male

A B C D E F G H Z



Through Mount Cover

- For 400 amp panel mounts
- NEMA 1
- Metal Standoff with Plastic Lid
- For use with through mounted Panel Mounts
- Snap back cover

CL40WTC-S-062 0.370"-.400" panel thickness

CL40WTC-L-187 0.070"-.090" panel thickness

A B C D E F G H Z



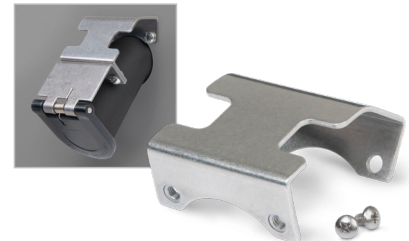
Surface Mount Cover

- For 400 amp panel mounts
- NEMA 1
- Metal Standoff with Plastic Lid
- For use with surface mounted Panel Mounts
- Snap back cover

CL40WTC-L-062

CL40WTC-L-125

A B C D E F G H Z



45 Degree CAM

Adapter Plate **NEW**

- Use adapter plate with through-mount cover on 45 degree panel mounts
- Stainless steel plate
- Stainless steel hardware included

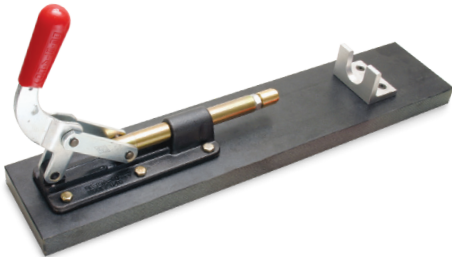
203445

WHEN
YOU
ORDER

Part # + Color Letter (A B C D E F G H Z) = Ordering Number

Examples: CLM3R + -E = CLM3R-E CLL3RN + -H = CLL3R-H

CAM Technology Tools, Parts & Accessories



Come-along Tool

CLSPRESS



150A Connector Extractor

15CLM Male
15CLF Female



400A Connector Extractor

16CLM Male
16CLF Female



CLS Female Reforming Tool 400A

- CLS reforming tool restores damaged female cam-type contacts

500072



Wire Shoe

- 100A stage pins (#2 AWG)
- 60A Stage pins (#6 AWG)
- 0.70" (18 mm)

430130.1 Qty 30 #2 AWG
430129.1 Qty 60 #6 AWG



Wire Shoe

- Available in standard pack only
- CLM/CLSM mini panel mounts, 1" (25 mm)

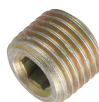
430131.1 Qty 25 #2 AWG



20A Stage Pin Wire Shoe

- Available in standard pack only

430117.1 Qty 300 #12 AWG



Set Screw

- Available in standard pack only

500017PLT.1 Qty 50 for CLS Inline
430171.1 Qty 50 for CLM 15 Series Inline
NEW 430112.1 Qty 300 for 20A Bates
NEW 430120.1 Qty 100 for 60A Bates/G5 Inline
NEW 430121.1 Qty 100 for 100A Bates/G5 Inline



Set Screw for #6 Wire

- Available in standard pack only
- Group 5 and Bates 100A
- CLM/CLSM mini panel mounts

430126.1 Qty 60



Retaining Screw

- Replacement screw made of Super Tough Nylon

- Available in standard pack only

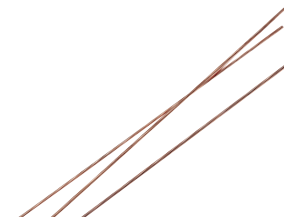
203279.1 Qty 25 CLS
520730.1 Qty 25 CLM



CL/CLS Copper Shim

- Available in standard pack only

430244.1 Qty 25



Strain Relief Wire

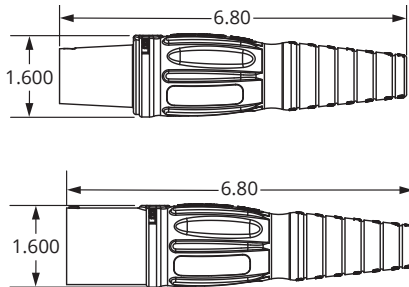
- Available in standard pack only

430245.1 Qty 100 CLS
430246.1 Qty 100 CLM

Dimensions

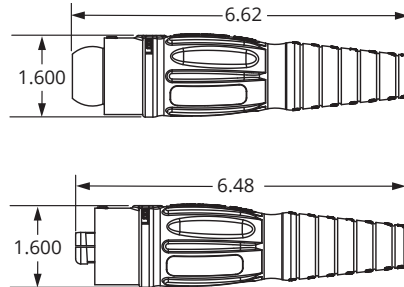
CLS Series 16 Inlines

CLS2MB, CLS2FB, CLS2MCONT, CLS2FCONT,
CLS20MB, CLS20FB, CLS20MCONT, CLS20FCONT,
CLS40MB, CLS40FB, CLS40MCONT, CLS40FCONT,
CLSMBOOT, CLSFBOOT



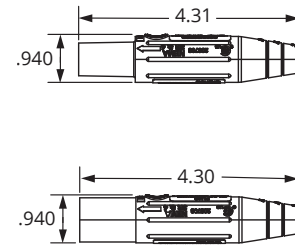
CLS Series 18 Inlines

CLS182MB, CLS182FB, CLS2MCONT,
CLS182FCONT, CLS1820MB, CLS1820FCONT,
CLS1840MB, CLS1840FB, CLS40MCONT,
CLS1840FCONT, CLS18MBOOT, CLS18FBOOT



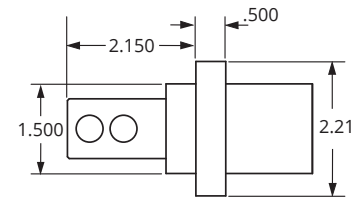
CLM Mini Series 15 Inlines

CLM2M, CLM2F

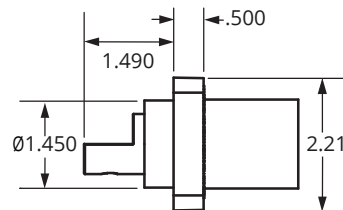


CL Panel Mounts

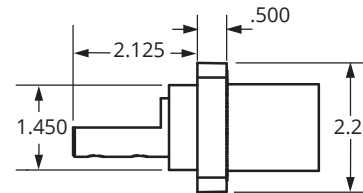
CL40MRB, CL40FRB, CL20MRB, CL20FRB,
CLS40MRB, CLS40FRB



CL40MRB-BB, CL40FRB-BB, CLS40MRB-BB,
CLS40FRB-BB

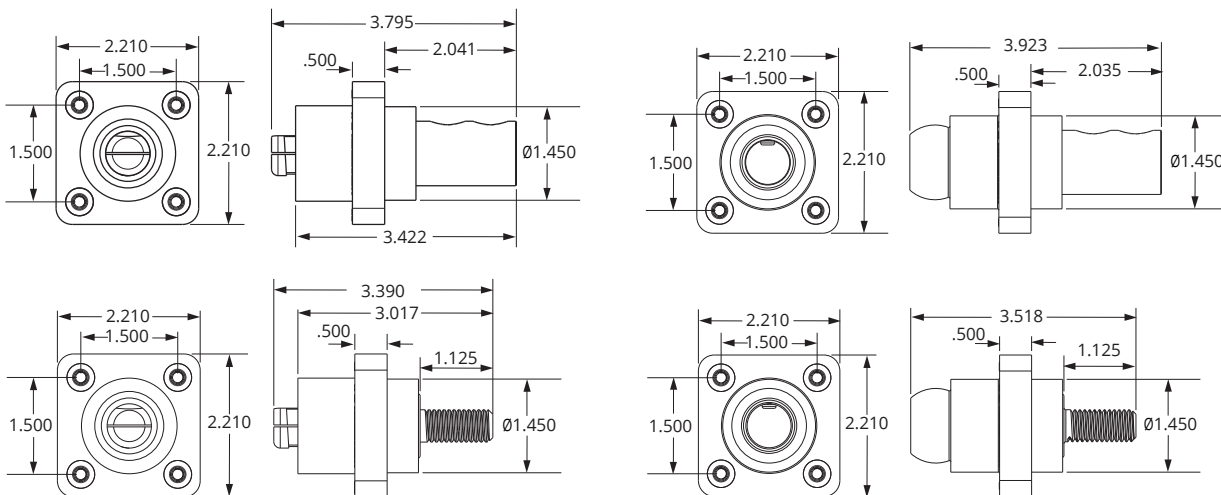


CLS40MRB-BB2, CLS40FRB-BB2



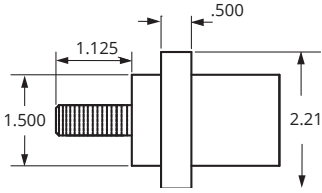
CLS 18 Series Panel Mounts

CLS1840MRB, CLS1840FRB, CLS1840MRB, CLS1840FRB

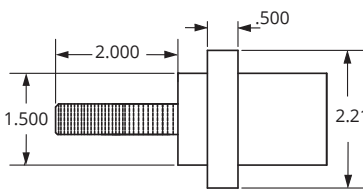


CLS Panel Mounts

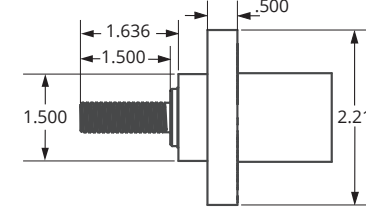
CL40MRSB, CL40FRSB,
CLS40MRSB, CLS40FRSB



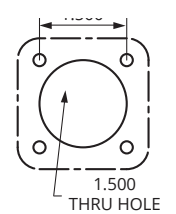
CL40MRSB2, CL40FRSB2



CL40MRSB1.5, CL40FRSB1.5

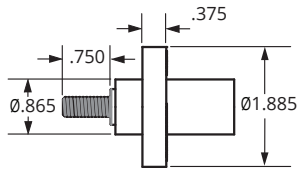


CL, CLS Panel Mount
Family Cut-out

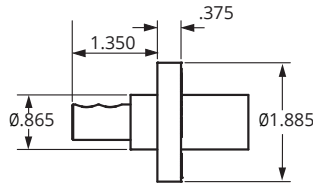


CLM Mini Panel Mounts

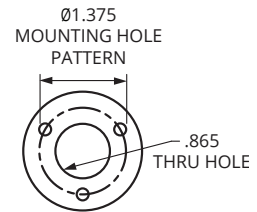
CLMMRS, CLMFRS, CLSMMRS, CLSMFRS



CLMMR2, CLMFR2, CLSMFR2

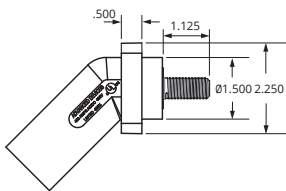


CLM Panel Mount Family Cut-out

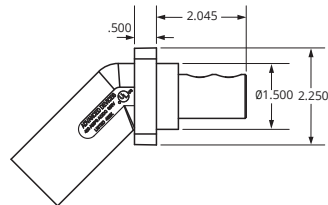


CLS 45 Degree Panel Mounts

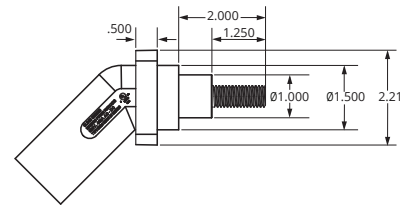
CLS45MRSB, CLS45FRSB



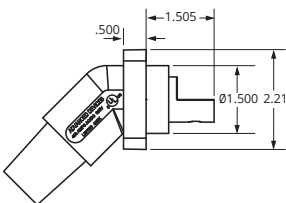
CLS45MRB, CLS45FRB



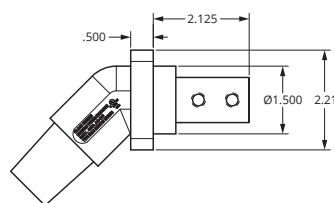
CLS45MR2SB, CLS45FR2SB



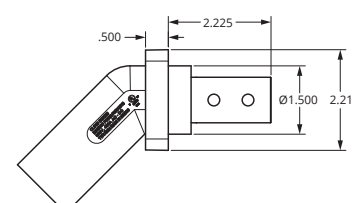
CLS45MRB-BB, CLS45FRB-BB



CLS45FRB-BB2



CLS45MRB-BB2



STAGE PIN DEVICES

bates® GROUP 5®

For 30 years bates stage pins have been the industry standard for stage lighting devices. Our Bates connectors are manufactured from an extreme temperature tolerant thermoplastic. This performs in extreme temperatures and is highly durable and resilient to punishing impacts. Bates stage pin connectors offer years of reliable service in the most demanding environments. Our pins are crafted from solid brass rod machined to ± 0.0005 " tolerance while allowing the pins to float which allows positive alignment and pin contact, which is critical to device life. Precision slotted and crimped female contacts are sized to provide constant spring contact pressure even when the pins are damaged. The 2 piece strain relief accommodates a wide range of wire sizes. All 20A bates stage pin inlines are available with clear or colored tops while the stage pin panel mounts can be ordered in specific colors. 100A 250V stage pins are available in yellow to denote the unique voltage rating.

Our Group 5 products continue to be precision machined from high temperature phenolic material. Our phenolic is the highest quality available today. Group 5 products have all the same features as our Bates connectors while offering a traditional material.

The Marinc Power Products 20 Amp Power Connectors. Ideal for use with LED lighting and other loads such as multi-bank video monitors, these connectors are interchangeable with other brands. Both inline (female) and panel mounted (male) versions are available. The product is also color coded for input (blue) and output (gray) to ease in proper wiring connection. Additional gasketing provides an IP44 degree of dust and moisture protection.





| | | |
|-------------------------------------|--|----|
| Bates Inlines | | 58 |
| Bates Panel Mounts | | 59 |
| Group 5 Inlines | | 60 |
| Group 5® Panel Mounts & Wire Charts | | 61 |
| Stage Pin & Panel Mount Dimensions | | 62 |
| 20A Power Connectors | | 63 |

Bates and Group 5 stage pin devices are the brands of choice in the stage lighting and entertainment industry.

bates® Inlines



20A 125V Stage Pins

- Thermoplastic housing
- Accepts #16/3 SJO to #12/3 SO cable

| Wire Connection | M/F | Part # |
|----------------------------|--------|---------------|
| Set screw | Male | 20M |
| | Female | 20F |
| All white (cover and body) | Male | 20M-AW |
| | Female | 20F-AW |
| Ring terminal | Male | 20M-RT |
| | Female | 20F-RT |
| Clear cover | Male | 20M-X |
| | Female | 20F-X |

A B C D E G H X



60A 125V Stage Pins

- Thermoplastic housing
- #6 Type SC single conductor cable
- Or #6/3 or #8/3 Type W multiconductor cable

| Wire Connection | M/F | Part # |
|-----------------|--------|------------|
| Set screw | Male | 60M |
| | Female | 60F |



100A 125V Stage Pins

- Thermoplastic housing
- Use #2 or #4 Type SC single conductor cable
- Or use #4/3 or #6/3 Type W multiconductor cable
- Black only to denote 125V

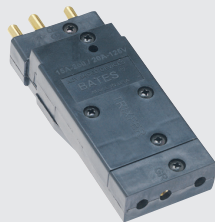
| Wire Connection | M/F | Part # |
|-----------------|--------|-------------|
| Set screw | Male | 100M |
| | Female | 100F |



100A 250V Stage Pins

- Thermoplastic housing
- Use #2 or #4 Type SC single conductor cable
- Or use #4/3 or #6/3 Type W multiconductor cable
- Yellow only to denote 250V

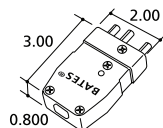
| Wire Connection | M/F | Part # |
|-----------------|--------|---------------|
| Set screw | Male | 106M-H |
| | Female | 106F-H |



TRIXFER™ 20A Stage Pin Jumper Tap

The Bates "Trixfer" stage pin jumper tap replaces cumbersome twofers, delivering grounded 20A power to multiple devices with faster, cleaner, simpler setup.

TRIXFER Male-Female combo
TRIXFER.FF Female-Female combo



Dimensional drawings on page 62

Related Products



Wire Shoes
page 53



Set Screws
page 53

OEM Available: Add suffix ".OEM" to the Part number for bulk packaging. Quantities vary. See your sales rep for quantity details.

bates® Panel Mounts



20A 125V Stage Pin Panel Mount

- Thermoplastic body
- Accepts #10 or #12 AWG

| Wire Connection | M/F | Part # |
|-----------------|--------|---------|
| Set screw | Male | 20MR |
| | Female | 20FR |
| Ring terminal | Female | 20FR-RT |



60A 125V Stage Pin Panel Mount

- Thermoplastic body
- Accepts #6 or #8 AWG

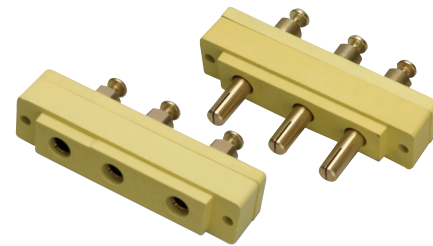
| Wire Connection | M/F | Part # |
|------------------|--------|----------|
| Ring terminal | Male | 60MR |
| | Female | 60FR |
| Double set screw | Male | 60MR-DSS |
| | Female | 60FR-DSS |



100A 125V Stage Pin Panel Mount

- Thermoplastic body
- Accepts #2 or #4 AWG
- Black only to denote 125V

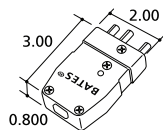
| Wire Connection | M/F | Part # |
|------------------|--------|-----------|
| Ring terminal | Male | 100MR |
| | Female | 100FR |
| Double set screw | Male | 100MR-DSS |
| | Female | 100FR-DSS |



100A 250V Stage Pin Panel Mount

- Thermoplastic body
- Accepts #2 or #4 AWG
- Yellow only to denote 250V

| Wire Connection | M/F | Part # |
|------------------|--------|-------------|
| Ring terminal | Male | 106MR-H |
| | Female | 106FR-H |
| Double set screw | Male | 106MR-DSS-H |
| | Female | 106FR-DSS-H |



Dimensional drawings on page 62

Related Products



Wire Shoes page 53



Set Screws page 53

OEM Available: Add suffix “.OEM” to the Part number for bulk packaging. Quantities vary. See your sales rep for quantity details.

GROUP 5® Inlines



20A 125V Stage Pins

- Made from Phenolic
- Accepts #10 or #12 S Type Cable

| Wire Connection | M/F | Part # |
|-----------------|--------|----------------|
| Set screw | Male | G20M |
| | Female | G20F |
| Internal fuse | Male | G20M-FU |
| | Female | G20F-FU |



60A 125V Stage Pins

- Made from Phenolic
- #6 Type SC single conductor cable
- Or #6/3 or #8/3 Type W multiconductor cable

| Wire Connection | M/F | Part # |
|------------------------|--------|----------------|
| Set screw | Male | G60M |
| | Female | G60F |
| Internal fuse | Male | G60M-FU |
| | Female | G60F-FU |
| Two cable inlet (2FER) | Male | G60M-DB |
| Ring terminal | Male | G60M-RT |
| | Female | G60F-RT |



100A 125V Stage Pins

- Made from Phenolic
- Use #2 or #4 Type SC single conductor cable
- Or use #4/3 or #6/3 Type W multiconductor cable
- Black only to denote 125V

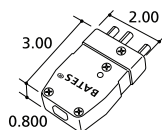
| Wire Connection | M/F | Part # |
|------------------------|--------|-----------------|
| Set screw | Male | G100M |
| | Female | G100F |
| Internal fuse | Male | G100M-FU |
| | Female | G100F-FU |
| Two cable inlet (2FER) | Male | G100M-DB |



100A 250V Stage Pins

- Made from Phenolic
- Use #2 or #4 Type SC single conductor cable
- Or use #4/3 or #6/3 Type W multiconductor cable
- Yellow only to denote 250V

| Wire Connection | M/F | Part # |
|------------------------|--------|-------------------|
| Set screw | Male | G106M-H |
| | Female | G106F-H |
| Two cable inlet (2FER) | Male | G106M-DB-H |



Dimensional drawings
on page 62

Related Products



Wire Shoes
page 53



Set Screws
page 53

OEM Available: Add suffix ".OEM" to the Part number for bulk packaging.
Quantities vary. See your sales rep for quantity details.

GROUP 5® Group 5 Panel Mounts



100A 125V Stage Pin Panel Mount

- Made from Phenolic
- 100A 125V
- Accepts #2 or #4 AWG

| M/F | Part # |
|--------|-------------------|
| Male | G100MR1-R5 |
| Female | G100FR1-R5 |



60A 125V Stage Pin Panel Mount

- Made from Phenolic
- 60A 125V
- Accepts #6 or #8 AWG
- Through panel mounting in 4"x1" cutout

| M/F | Part # |
|--------|-----------------|
| Female | G60FR-TH |

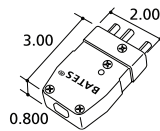
Related Products



Wire Shoes
page 53



Set Screws
page 53



Dimensional drawings
on page 62

Wire Charts

How much Amperage can a wire safely conduct?

The National Electrical Code publishes the following table showing how much amperage each size cable can carry:

| AWG Wire Size | AWG cm Area | Ohms/1000 ft | 2 Current Carrying Conductors | 3 Current Carrying Conductors |
|---------------|-------------|--------------|-------------------------------|-------------------------------|
| 18 | 1,600 | 6.385 | 10 | 7 |
| 16 | 2,600 | 4.016 | 13 | 10 |
| 14 | 4,100 | 2.525 | 18 | 15 |
| 12 | 6,500 | 1.588 | 25 | 20 |
| 10 | 10,500 | .9989 | 30 | 25 |
| 8 | 16,800 | .6282 | 40 | 35 |
| 6 | 26,600 | .3951 | 55 | 45 |
| 4 | 42,000 | .2485 | 70 | 60 |
| 2 | 66,500 | .1563 | 95 | 80 |

Ohms/1000 ft. can be used to calculate any voltage drop. The formula is: Voltage (drop in volts) = [1 (amperage) x circuit length in feet/1000 x Ohms/1000 ft.]

Wire Specifications

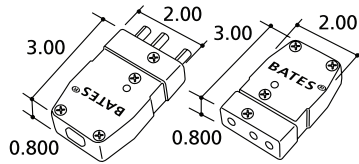
Diameter Ranges of Jacketed Cord in Accordance with Standard UL 62

| AWG | 2 Cond. | 3 Cond. | 4 Cond. | 5 Cond. |
|---------------------------------|--------------|--------------|--------------|--------------|
| Type* SV, SVO, SVT, SVTO | | | | |
| 18 | .220-.255" | .230-.265" | | |
| Type* SJ, SJO, SJT, SJTO | | | | |
| 18 | .280-.315" | .300-.335" | .325-.365" | |
| 16 | .305-.340" | .325-.360" | .350-.395" | |
| 14 | .335-.375" | .360-.395" | .390-.435" | |
| 12 | .405-.455" | .425-.475" | .465-.520" | |
| 10 | .540-.605" | .565-.635" | .625-.700" | |
| Type* S, SO, ST, STO | | | | |
| 18 | .340-.385" | .360-.400" | .385-.430" | .460-.510" |
| 16 | .365-.410" | .385-.430" | .410-.460" | .490-.550" |
| 14 | .495-.550" | .520-.575" | .560-.620" | .630-.705" |
| 12 | .565-.625" | .590-.655" | .640-.710" | .700-.770" |
| 10 | .615-.685" | .650-.720" | .700-.775" | .760-.840" |
| 8 | .780-.880" | .830-.930" | .925-1.050" | 1.000-1.150" |
| 6 | .920-1.050" | .970-1.100" | 1.050-1.200" | 1.180-1.330" |
| 4 | 1.060-1.210" | 1.130-1.280" | 1.250-1.450" | |
| 2 | 1.210-1.400" | 1.300-1.500" | 1.450-1.650" | |

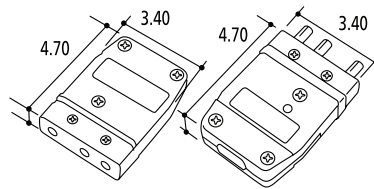
Stage Pin & Panel Mount Dimensions

bates®

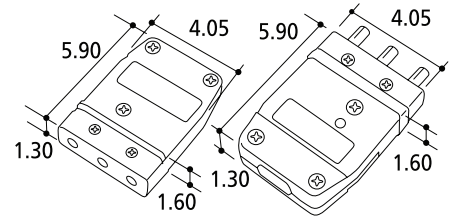
20A 125V Stage Pins



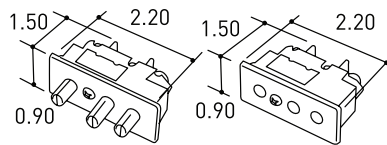
60A 125V Stage Pins



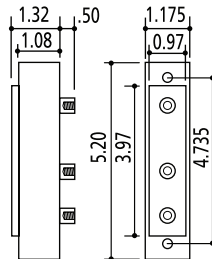
100A 125/250V Stage Pins



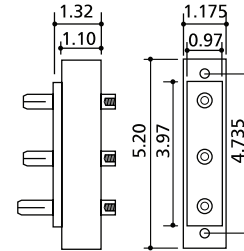
20A 125V Panel Mounts



60A 125V Panel Mounts

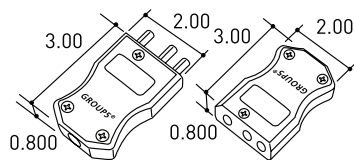


100A 250V Panel Mounts

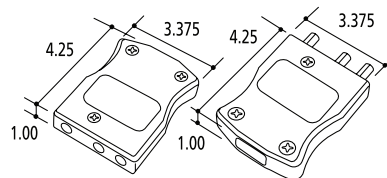


GROUP 5®

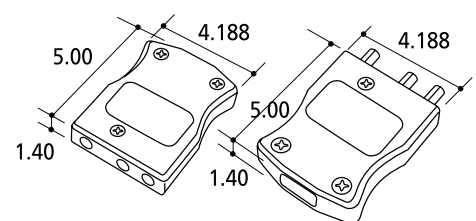
20A 125V Stage Pins



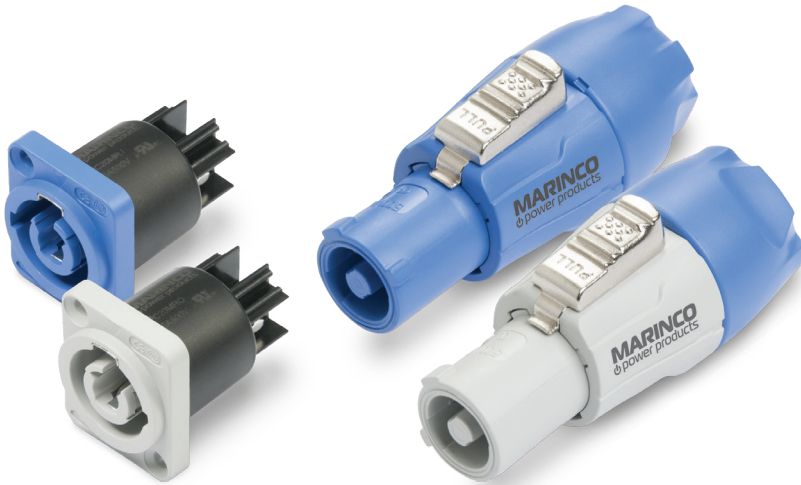
60A 125V Stage Pins



100A 125/250V Stage Pins



20A Power Connectors



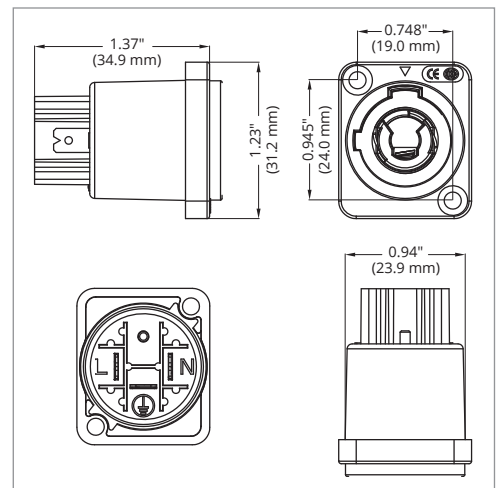
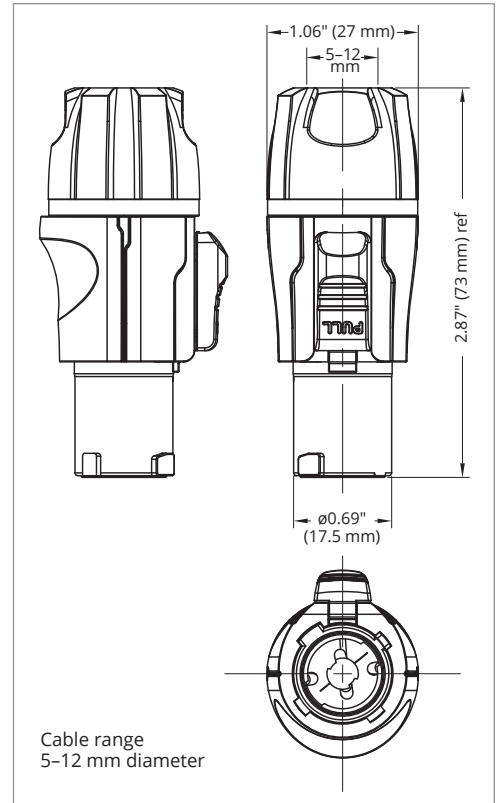
20 Amp Power Connectors

Introducing the Marincopowerproducts 20 Amp Power Connectors. Ideal for use with LED lighting and other loads such as multi-bank video monitors, these connectors are interchangeable with other brands. Both inline (female) and panel mounted (male) versions are available. The product is also color coded for input (blue) and output (gray) to ease in proper wiring connection. Additional gasketing provides an IP44 degree of dust and moisture protection.

Additional gasketing provides an IP44 degree of dust and moisture protection.

- Rated 20A 500V AC/DC
- Color coded for input and output
- Rugged, easy-to-use locking design
- UL, cUL recognized component file # E479888
- CE approved
- IP44 rating
- 12-14 AWG cable range
- Copper contacts with gold and silver plating

| Part # | Description |
|---------|--|
| PC20FCI | 20A 500V Female Connector Input, Blue |
| PC20FCO | 20A 500V Female Connector Output, Gray |
| PC20MRI | 20A 500V Male Panel Mount Input, Blue |
| PC20MRO | 20A 500V Male Panel Mount Output, Gray |



BATTERY CHARGERS & ACCESSORIES

Whether it's chargers, batteries, battery management, busbars and fuseholders, our broad offering of products can optimize your charging system.

Battery Chargers

Our battery chargers integrate multiple functions, charging your battery safely and completely even when they are depleted. Fast battery charging is guaranteed by the efficient use of the available grid or generator power.

ChargePro™ Battery Chargers: Digital microprocessor controlled, our ChargePro chargers provide fast, accurate, efficient and full battery charging. They automatically monitor battery power and begin the charge cycle when power is low or every 14 days. **Marinco ChargePro chargers** features include universal input (90-265V AC), IP68 rating, for flooded lead acid, Gel, or AGM batteries. Our new **Guest ChargePro chargers** features 5 stage performance charging, IP67 waterproof rating, and are for flooded lead acid and AGM batteries.

Mastervolt chargers offer an extended range of 12V and 24V chargers up to 100 Amps with the ChargeMaster brand chargers. They're also ideal for virtually all types of batteries including flooded lead acid or gel/AGM/Lithium Ion. **More information can be found in our Mastervolt catalog at mastervolt.us.**

See our Mastervolt and ProMariner product catalogs for more battery charger options.

Batteries

Batteries are the heart and are often the largest single expense in the electrical system. They are sensitive to failure and shortened life if not charged properly. Modern battery chemistries—Gel, AGM, Lithium Ion, and Flooded Lead Acid (FLA)—require adherence to manufacturer's charging recommendations.

All Mastervolt batteries are equipped with shock-proof positive and negative battery plates with rubber separation, while the electrolyte is absorbed in gel or glass fiber. A high-grade lead/calcium compound guarantees you a constant capacity and minimum self-discharging. Mastervolt's batteries are suitable for most any application and include Lithium Ion, Gel, AGM, and traction battery types.

More information can be found in our Mastervolt catalog at mastervolt.us.

Battery Management is central to the safe operation of a vehicle

All vehicles with an engine have at least one battery whose primary purpose is starting the engine and providing power for loads such as lights, pumps, and electronics. The safe switching between batteries, loads, and charge sources is achieved using battery management. Manual Battery Switches are commonly used on vehicles where the batteries are located near the operator, allowing the high amperage switching and the control of the switch to be the same location. On large vehicles, battery switches may be mounted close to the batteries to avoid long cable runs.

We have a partial selection in this catalog, but more information on our BEP brand of battery management products can be found at bepmarine.com





ChargePro™ Battery Chargers | 66

Portable Battery Chargers | 69

1.5 Amp ChargePro™ Maintainer | 70

Inlets & Charger Cords | 71

Battery Isolators | 72

Battery Switches | 73

Guest and Marinco battery chargers provide an optimum battery charging solution and endure harsh environments for a variety of battery operated industrial equipment.

CHARGEPRO™

Guest On-Board Battery Chargers **NEW**

For 12, 24, 36 and 48 volt systems (model specific)

Guest on-board battery chargers have been redesigned from the inside out with the customer in mind. Our newest generation on-board marine and industrial-grade battery chargers include leading advancements in digital charging technology and waterproof design/construction. Designed to maximize individual battery performance, extend battery life and show battery status better than ever before.

Every Guest charger has a dedicated output that delivers the full amount of amps per bank. The easy to read graphics indicates the status of each battery bank through the charging process.

ChargePro's low profile flangeless extruded aluminum housing is sealed by gaskets with heavy duty end caps for 100% waterproof performance to IP67. This new construction design delivers an increase in charging and thermal management performance. The new ChargePro series is up to 40% lighter while increasing durability and ease of installation over prior generations of older technology epoxy filled plastic body chargers.

- All high frequency, digital charging technology
- Microprocessor and software control for precision, fully automatic 5-stage performance charging
- Fully automatic 5-stage performance charging
- Dedicated battery charging, sensing and control per bank
- Individual battery sensing and control
- Expanded LED charge status monitor
- Wiring and battery fault detection
- Auto-maintain energy saver mode
- Up to 40% lighter
- 100% Waterproof (IP67) and shock resistant for all fresh and saltwater applications
- All models are pre-wired for easy installation
- For all 12 volt flooded and AGM lead acid batteries
- Built-in safety: reverse polarity, over-current, over-voltage, over-temperature and ignition protection. In-line fuses for maximum DC wire protection.
- 2 year warranty



2713A



2711A



2708A



Expanded LED Display



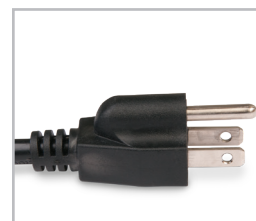
Battery fault detection LEDs



Heavy-Duty strain reliefs



In-line safety fuses



NEMA 5-15P Plug



Certified to:
UL STD 1236
CSA C22.2 No. 107.2
FCC Class B

IP67



Designed and
Constructed to:

ABYC-31

ABYC
Setting Standards for Safer Boating

Guest ChargePro™ Series Selection

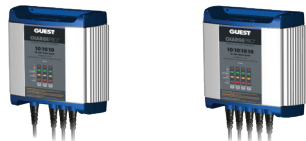
ChargePro 5A to 20A Models



| Part # | 2708A | 2707A | 2710A | 2711A | 2713A | 2720A |
|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|
| Input Volts | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz |
| DC System Voltage | 12 | 12/24 | 12 | 12/24 | 12/24/36 | 12/24 |
| Banks | 1 | 2 | 1 | 2 | 3 | 2 |
| Amps | 5 | 4/4 | 10 | 5/5 | 5/5/5 | 10/10 |
| Amps Per Bank | 5 | 4 | 10 | 5 | 5 | 10 |
| AC and Cord Length | 6' | 6' | 6' | 6' | 6' | 6' |
| Size (W x H x L) | 7.5" x 2.4" x 7.2" | 7.5" x 2.4" x 9.0" | 7.5" x 2.4" x 9.0" | 7.5" x 2.4" x 9.0" | 7.5" x 2.4" x 12.9" | 7.5" x 2.4" x 12.9" |
| Weight (lbs) | 3.2 | 4.5 | 4.2 | 4.7 | 6.7 | 6.6 |

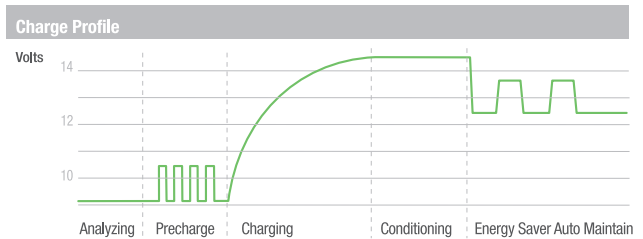
ChargePro 30A and 40A Models

Designed for demanding 12, 24, 36 and 48 volt battery systems requiring 10 amps per battery for the fastest charge times.



| Part # | 2731A | 2740A |
|--------------------|--------------------|--------------------|
| Input Volts | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz |
| DC System Voltage | 12/24/36 | 12/24/36/48 |
| Banks | 3 | 4 |
| Amps | 10/10/10 | 10/10/10/10 |
| Amps Per Bank | 10 | 10 |
| AC and Cord Length | 6' | 6' |
| Size (W x H x L) | 9.0" x 4.1" x 8.7" | 9.0" x 4.1" x 8.7" |
| Weight (lbs) | 8.0 | 8.5 |

Fully Automatic Multi-Stage Performance Charging Overview



ChargePro's 5-Stage Performance Charging algorithm is fully automatic and designed to maximize battery performance and extend battery life.

Stage 1 - Analyze Mode: AC Power is applied. ChargePro's red Charging LED will flash indicating it is analyzing individual wiring connections for proper connection/polarity and that each battery is over 2.5 VDC and capable of accepting a precharge. When completed any errors will trip a battery specific red fault LED, or if no faults are present the red Charge LED will illuminate solid red.

Stage 2 - Precharge Mode: For batteries under 10 volts, this mode is designed to pulse the battery up to 10 volts before accepting full rated constant current (Stage3). During this mode the red charging LED will be illuminated with a solid on.

Stage 3 - Charging Mode Constant Current: During this mode the red charging LED will be illuminated with a solid on indicating each battery is being charge in constant current mode as controlled by temperature until the battery voltage is raised to a precise 14.6 volts DC and the red Charging LED will shut off.

Stage 4 - Conditioning Mode Constant Voltage: During this mode the amber Conditioning charging LED will be solid on indicating each battery is being is being conditioned at 14.6 volts for up to 3 hours until the battery is fully charged. Followed by the amber LED turning off while the charger enters into Stage 5.

Stage 5 - Storage Recondition Mode During this mode the blue AC Power and green Auto Maintain LED will be solid on indicating each battery is being monitored while the charger is in standby mode consuming little to no power until the battery drops under 12.8 volts (fully charged) and the charger will turn on and auto maintain the battery in a fully charged state. This is fully automatic and safe for short and long term storage.

ChargePro™ Battery Chargers

These new onboard chargers have the same housing and mounting dimensions as our traditional ChargePro Guest chargers with a number of performance enhancements.

- For use with flooded, AGM, or Gel batteries
- Microprocessor controlled for accurate charging
- Universal input 120/230V for go-anywhere freedom
- Isolated outputs
- Outputs can be put in series or parallel for higher voltage or current
- Completely sealed, epoxy filled
- IP68 waterproof
- Designed for harsh marine and industrial environments – moisture, salt, shock and vibration tested
- Non corroding housing for ultimate reliability
- Meets global industry standards including UL, CSA, ABYC, FCC, California efficiency regulations (CEC)
- Footprint and mounting holes are same as former ChargePro Guest Chargers
- ConnectCharge™ Plug for easy assembly to inlet (Part #150CCI) with no wiring
- CE on models 28106 and 28210



RoHS IP68



NEMA 5-15P

| Total Amps | Outputs | Amps per out | Battery System | Input Voltage Range | Output Voltage | GUEST Old # | Part # |
|------------|---------|--------------|-------------------------------|---------------------|----------------|--------------------|--------------|
| 6 | 1 | 6 | 12V | 120/230V 50/60 Hz | 12V | 2608A → | 28106 |
| 10 | 2 | 5 | 12V+12V or 24V | 120/230V 50/60 Hz | 12V | 2611A → | 28210 |
| 20 | 2 | 10 | 12V+12V or 24V | 120/230V 50/60 Hz | 12V | 2620A → | 28220 |
| 30 | 3 | 10 | 12V+12V+12V or 12V+24V or 36V | 120/230V 50/60 Hz | 12V | 2631A → | 28330 |

For use with Group 24 through 34 Flooded and AGM batteries. Not for use with 4D or 8D large capacity batteries.



ConnectCharge™ Plug

Designed to snap into Marincopowerproducts.com® inlet (Part # 150CCI) quickly and easily. The inlet (purchased separately) has a weatherproof cover and locking rings. No wiring needed.

Related Products



ConnectCharge™
Inlets
page 71

Portable Battery Chargers



| | 6 Amp Battery Charger | 3 Amp Battery Charger |
|----------------|-------------------------------------|--------------------------------------|
| Part # | 2606A | 2603-B |
| Total Amps | 6 | 3 |
| Outputs | 1 | 1 |
| Amps per out | 6 | 3 |
| Battery System | 12V | 12V |
| Input Voltage | 100-130V AC / 60Hz | 100-130V AC/60Hz |
| Output Voltage | 12V | 12V |
| AC | 6' AC cord with standard plug | 18" AC cord with standard plug |
| Dimensions | 5.5" x 5.0" x 2.4" 140x127x61 mm | 3.10" x 3.50" x 2.34" 79x89x59 mm |
| Weight | 3.5 lbs / 1.6 kg | 1.0 lbs / 0.5 kg |

MASTERVOLT
ProMariner™

See our Mastervolt and ProMariner product catalogs for more battery charger options

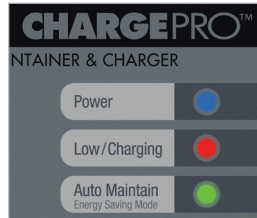
1.5 Amp ChargePro™ Maintainer

Keep your battery charged with this highly reliable, Guest 1.5 Amp maintainer. Extends battery life and will charge, monitor and re-charge your battery if the voltage drops below 12.9V. The maintainer can be safely connected to the battery for short or long periods of time. To increase versatility the maintainer comes with alligator clips and ring terminals for the output cable. This maintainer will charge smaller batteries and maintain batteries up to 150Ah (group 31).

- Ideal for sport fishing boats, ski boats, jet ski's, ATV's, automobiles, tractors, riding lawn mowers and more
- For Wet, Gel and AGM batteries
- Charge batteries 1.2 Ah to 40 Ah
- Maintain batteries 1.2Ah to 150 Ah
- Energy savings mode automatically shuts off the charger when the battery is charged. The charger periodically monitors the battery and turns back on when the battery falls below 12.9V.
- Maintainer can safely stay connected to the battery for long periods of time
- LED's let you know when the Power is ON, battery is being charged and when charging is complete.
- Includes ring terminals and alligator clips for connection to the battery
- Weather resistant, IP65
- 3-wire AC plug, NEMA 5-15P
- 3 year warranty
- Meets UL 1236 and CSA Standards, cETLus



Concealed Mounting



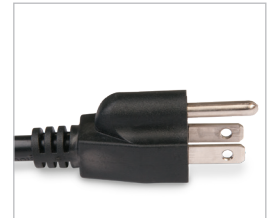
Expanded LED Status Center



Portable Foam Resting Pad



Included DC Cable Assemblies



NEMA 5-15P Plug

| Part # | Output Volts | Output Amps | Banks | Cable Length | Size (WxHxD) | Weight | AC In |
|--------|--------------|-------------|-------|--------------|----------------|---------|--------------|
| 2701A | 12V DC | 1.5 Amps | 1 | 6' | 5.0"x5.8"x2.0" | 2.3 lbs | 120V AC 60Hz |



Conforms to:
Marine UL 1236 SB
CSA C22.2 No. 107.2
FCC Class A

Designed and
Constructed to: **ABYC**
ABYC A-31 Setting Standards for Safer Boating

ConnectCharge™ Inlets



Universal Mount

- Mount to dash from rear with threaded locking ring or from the front with three screws through the face plate

Part # 150CCI



Rear Mount

- Mounts to dash from rear with threaded locking ring
- Eliminates rewiring, plug snaps into Inlet locking tab
- Watertight lid protects AC plug

OEM # 150CCTM.OEM



Front Mount

- Mounts to panel from front with three screws through the face plate

OEM # 150CC.OEM

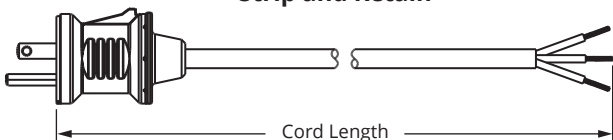
For use with Battery chargers with ConnectCharge™ Plug only!

Exclusive molded notch on plug locks into ConnectCharge™ inlet

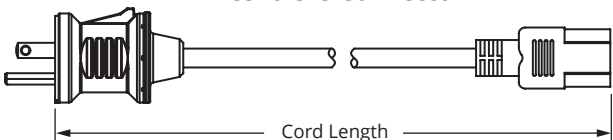


ConnectCharge™ Cords

Strip and Retain



IEC320 C15 Connector



| 14/3SJTW Cord Length | Amps | Voltage | Nema Config | Cord Termination | Part # |
|----------------------|------|---------|-------------|----------------------|-----------|
| 24" | 15 | 125 | 5-15P | Strip & Retain | 152400-01 |
| | | | | IEC320 C15 Connector | 152400-03 |
| 48" | 15 | 125 | 5-15P | Strip & Retain | 154800-01 |
| | | | | IEC320 C15 Connector | 154800-03 |
| 72" | 15 | 125 | 5-15P | Strip & Retain | 157200-01 |
| | | | | IEC320 C15 Connector | 157200-03 |

Hard Wired Charger Inlets

- 15A or 20A 125V straight blade inlet
- Low profile cap won't catch fishing line
- Mounts easily to fiberglass and aluminum hulls
- Perma-Lock™ terminals and color coded wire entrance holes make wiring a snap
- UV resistant housing/cap



| Amp | Color | Universal Mount Part # | Front Mount OEM # | Rear Mount OEM # |
|-----|-------|------------------------|-------------------|------------------|
| 15 | Black | 150BBI | 150BBI.OEM | 150BBI-TM |
| 15 | White | 150BBIW | 150BBIW.OEM | — |
| 20 | White | 200BBIW | 200BBIW.OEM | — |



15A 125V
Straight Blade



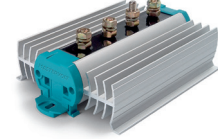
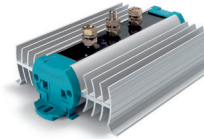
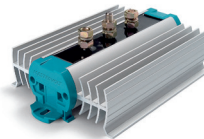
20A 125V
Straight Blade

Battery Isolators

Marinco offers a comprehensive line of Mastervolt battery isolators to complement a complete 12V or 24V system. Battery isolators are an essential part of any DC system that increases battery lifespan, protects against battery discharge and allows isolated charging of multiple battery banks.

BI Battery Isolators

Mastervolt's BI battery isolators are based on conventional diode technology. The diode voltage drop (ca. 0.6V) can be compensated for by adapting the output voltage of the connected charger or alternator. Mastervolt battery chargers and Alpha Pro MB charge regulators come as standard with automatic compensation for voltage drops.

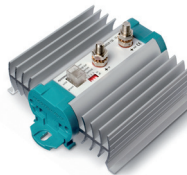


| | BI 702-S | BI 703 | BI 1202-S | BI 1203-S |
|------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Part # | 83007021 | 83007030 | 83012021 | 83012031 |
| Max. output charger | 25/50A | 25/50A | 80A | 80A |
| Max. output alternator | 70A | 70A | 120A | 120A |
| Compensation diode | yes | no | yes | yes |
| Dimensions, HxWxD | 6.2"x5.5"x3.2" 157x140x80 mm | 8.2"x5.5"x3.2" 207x140x80 mm | 8.2"x5.5"x3.2" 207x140x80 mm | 8.2"x5.5"x3.2" 207x140x80 mm |
| Weight | 1.3 lbs / 0.58 kg | 2.4 lbs / 1.1 kg | 2.65 lbs / 1.2 kg | 2.9 lbs / 1.3 kg |
| # of battery banks | 2 | 3 | 2 | 3 |

Battery Watch

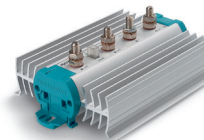
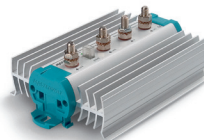
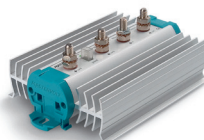
The Battery Watch is an essential element of any well-equipped battery system, offering you a 1.3 lbs electronic watchdog that ensures a much longer lifespan for your batteries. The unit switches off loads when batteries are nearly empty, to keep your batteries in optimum condition. LED lights provide a clear read out and the undervoltage can be set using DIP switches.

| | |
|------------------------------|---------------------------------|
| Part # | 83200150 |
| Max. load | 150A |
| Input voltage | 8-32V DC |
| Switch off under voltage 12V | 9-12V DC |
| Switch off under voltage 24V | 18-24V DC |
| Dimensions (LxWxH) | 6.2"x5.5"x3.2" 157x140x80 mm |
| Weight | 1.3 lbs / 0.6 kg |



Battery Mate

While battery isolators are conventional diode splitters, the Battery Mate's technology is electronic and includes mosfets (transistors). Its components compensate for the voltage drop and ensure that charging continues at the right voltage level, even with several battery banks. The Battery Mate is compatible with any type of alternator/battery charger, in both existing and new systems. As the voltage loss between the alternator and battery is negligible, the Battery Mate performs far better than conventional battery isolators. This ensures fast and complete charging of your batteries without having to make additional adjustments to the alternator.



| | 1602 IG | 1603 IG | 2503 IG |
|------------------------|---------------------------------|---------------------------------|---------------------------------|
| Part # | 83116025 | 83116035 | 83125035 |
| Max. output charger | 120A | 120A | 200A |
| Max. output alternator | 160A | 160A | 250A |
| Dimensions, HxWxD | 8.2"x5.5"x3.2" 207x140x80 mm | 8.2"x5.5"x3.2" 207x140x80 mm | 8.2"x5.5"x3.2" 207x140x80 mm |
| Weight | 2.2 lbs / 1 kg | 2.2 lbs / 1 kg | 2.2 lbs / 1 kg |
| # of battery banks | 2 | 3 | 3 |

Universal Mount Switches

- Longer stud lengths for improved assembly and easier cable routing
- Built with heavy-duty copper sweep contacts to ensure positive circuit control
- Rugged internal components protected by a tough, impact resistant polycarbonate housing that is impervious to the elements
- Cable Lug Size: 3/8"
- Dimensions: 5.0" x 2.75"

Selector Switch w/out AFD

Continuous amps: 230
Momentary amps: 345



Part # 2111A



OEM # 2111A-B

Selector Switch with AFD

Continuous amps: 230
Momentary amps: 345



Part # 2110A



OEM # 2110A-B

On/Off Switch w/out AFD

Continuous amps: 230
Momentary amps: 345



Part # 2112A



OEM # 2112A-B

Battery Selector Switches

- Polycarbonate case
- For 6V, 12V, 24V or 36V systems
- Surface mount
- Cable Lug Size: 3/8"
- Dimensions: 5.50" x 2.63"

Selector Switch with AFD

Continuous amps: 230
Momentary amps: 345



Part # 2100

OEM # 2100-B

Selector Switch w/out AFD

Continuous amps: 230
Momentary amps: 345



Part # 2101

OEM # 2101-B

On/Off Switch w/out AFD

Continuous amps: 230
Momentary amps: 345



Part # 2102

OEM # 2102-B

OEM # 2102-3-B black

Heavy-duty Diesel Power Battery Switches

- For 6V, 12V, 24V or 36V systems
- Built with heavy-duty copper sweep contacts to ensure positive circuit control
- Rugged internal components protected by a tough, impact resistant polycarbonate housing that is impervious to the elements
- All feature Alternator Field Disconnect (AFD) allowing selection of any position, including "off", without damage to alternator or electrical system
- Cable lug size: 1/2"
- 2304A and 2304A-B have 3 studs

Heavy-duty On/Off Switch

Continuous amps: 450
Momentary amps: 800



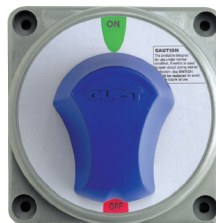
Part # 2303A



OEM # 2303A-B

Extra-duty On/Off Switch

Continuous amps: 600
Momentary amps: 1000



Part # 2304A



OEM # 2304A-B

Battery Selector Switch

Continuous amps: 360
Momentary amps: 600



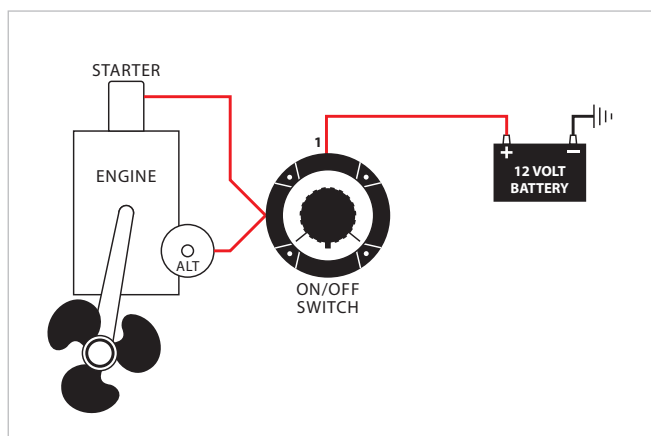
Part # 2300A



OEM # 2300A-B

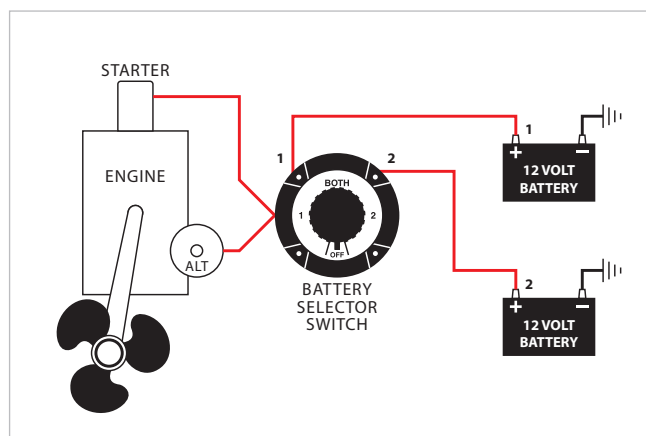
Battery Switch Operation Diagrams

As more and more electronics and electrical accessories are added to your boat (autopilot, refrigeration, etc.) the use of multi-batteries becomes a necessity. Guest components allow you to set up the system (from simple to complex) for your boat's application. The following diagrams are for use in identifying and designing the right system for your boating needs.



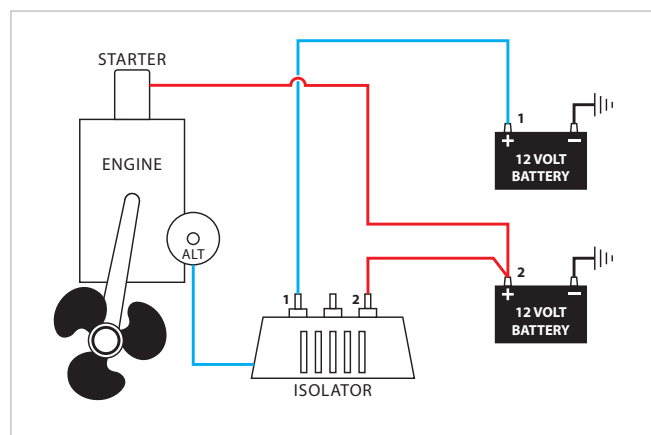
Single battery

Installation: To shut off all power at source. Recommended installation by approved authorities.



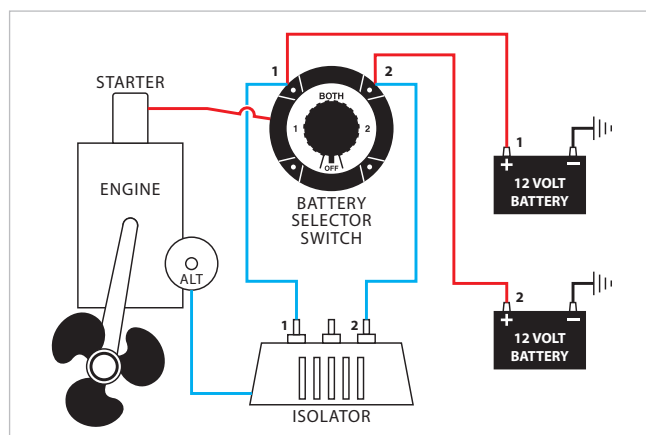
Two battery with out isolator

Installation: To select a starter battery and ship service battery. Manually isolates each battery, parallels both batteries for emergency start, master disconnect, manually selects batteries for charging.



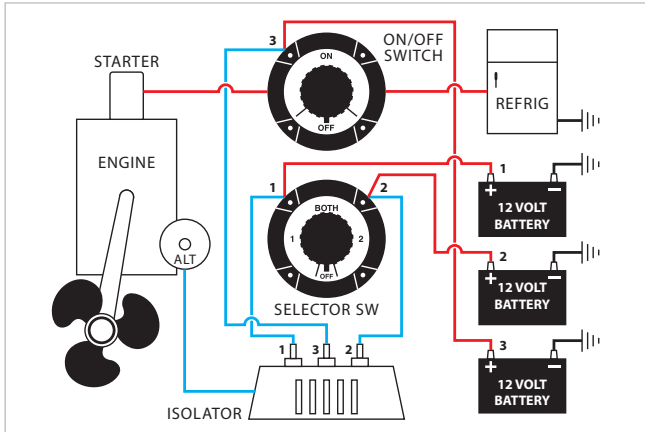
Two battery with isolator

Installation: Isolator automatically selects lower charged battery to be charged first. Full battery can't discharge to drained battery. Dedicated system, no flexibility, no emergency parallel or disconnect function.



Two battery with emergency parallel

Installation: An isolator automatically isolates each battery, lower charged battery will automatically be charged first. Two different size batteries can be used, larger for ship services, smaller for engine cranking. Switch selects usage, master disconnect, emergency parallel function.

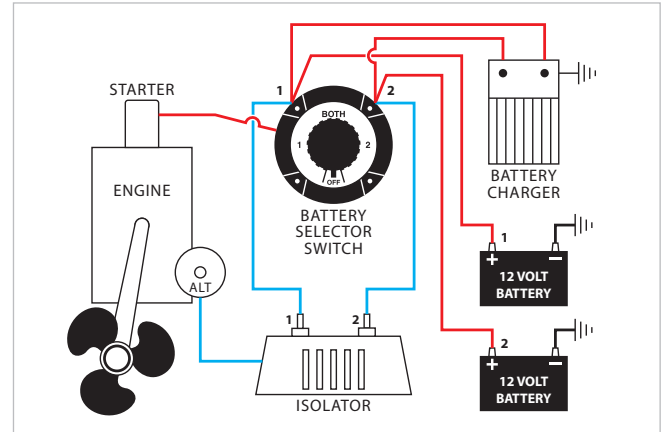


One battery selector switch, one On/Off selector switch automatic battery isolation and automatically charges three batteries

Installation: Use for sailboats and trawlers. Third battery isolated from other ship circuits. All batteries being automatically charged while running through isolator. To be used for refrigeration or other heavy load devices. Isolator protects other batteries.

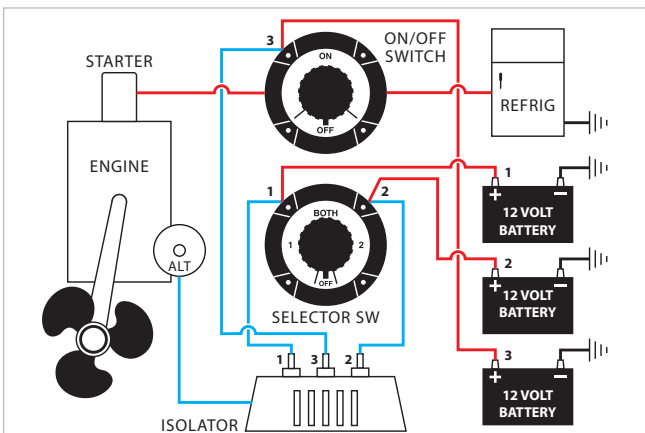
Switch selector usage:

- 1. Master disconnect
- 2. Emergency parallel function



Adding automatic battery charger/converter to system

Installation: At dockside multi-bank charger built in isolator which will automatically charge lower battery.



Three batteries, one battery selector switch, one On/Off or selector switch, two alternators, one isolator

Installation: Isolator separates both alternators so both alternators will charge simultaneously. Automatically charges lowest battery first. All batteries can be used for start, third battery, ship's source.

TECH tip™

Alternator Field Disconnect (AFD)

Allows selection of any position, including "Off," without damage to alternator or electrical system. AFD is required on some electrical systems.

- Heavy-duty copper sweep contacts
- Positive click-stop on all positions
- "Make before break" contacts allow selection of all positions except "Off" while engine is running
- New design is easy to retrofit into existing hole patterns
- Use with 6V, 12V, 24V or 36V systems
- Built-in skirt protects connections
- Surface or rear panel mounting
- Marine grade construction

Important Note: The boater's electrical needs and problems should be discussed with your boatyard's electrical technician.



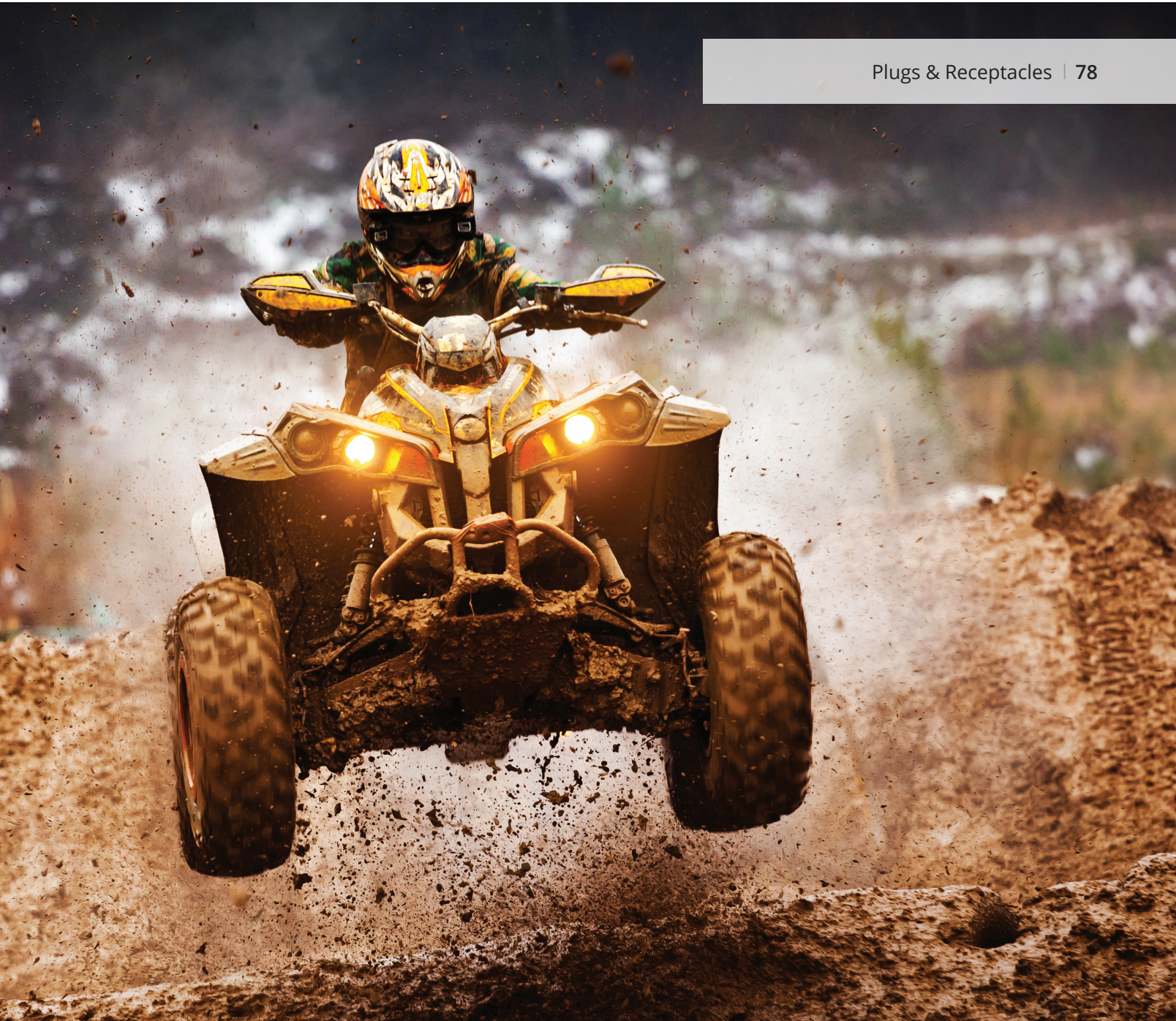
Exclusive flat 360 "sweep" contact design provides up to 60% more contact area than other switch designs.

DC DEVICES

The ConnectPro® plug and receptacle is a revolutionary concept in DC connections for powered industrial and mobile equipment. The ConnectPro system has superior electric current carrying capacity that eliminates problems that rob motors of power and reduce battery life. The ConnectPro system features locking plug and receptacle and spring clamping connection which provides a secure electrical contact.

The ConnectTite™ 12 volt family of products are manufactured from corrosion resistant marine grade materials. Exclusive to ConnectTite products is a unique interconnecting system that securely locks the plug into the receptacle, resulting in a positive and moisture-proof connection. The plug and receptacle feature optimized metal connection points for maximum conductivity.





Marinco Power Products DC devices are a popular option on powered equipment such as ATV's, tractors, and golf carts/vehicles. USB devices are growing in popularity as well for charging phones, tablets, and notebook computers.

Plugs & Receptacles

Delivers More Power to Equipment

- Premium-quality DC Plugs & Receptacles
- Expanded product life and superior electrical conductivity for accessories
- Patented locking blades and a large contact area which reduces the temperature of the devices
- Leaf-spring contacts give longer life when repeated disconnects are required
- ConnectPro connections are weather resistant and corrosion resistant
- Suitable for on and off road vehicles in construction, farming, industrial or utility applications
- All electrical components are plated brass
- The receptacle fits into a standard 1-1/8" diameter mounting hole
- Accepts 2- or 3-wire configurations, up to 8 gauge
- With the 12VBRAD adapter, it can accept up to 6 gauge wire
- Receptacle is easy to install using the supplied mounting plate for front panel installation
- Optional locking-ring for rear access installation

TECH tip™

The importance of a quality DC electrical system

There's an old axiom that states, "The strongest chain is only as reliable as its weakest link," and the same analogy can be applied to your boat's DC electrical system. Put it in a harsh salt water or fresh water environment, where a vessel's wiring and components are subjected to more concentrated abuse in one season than your family car would experience in five years, and it's easy to realize that small electrical problems can get out of hand very quickly.

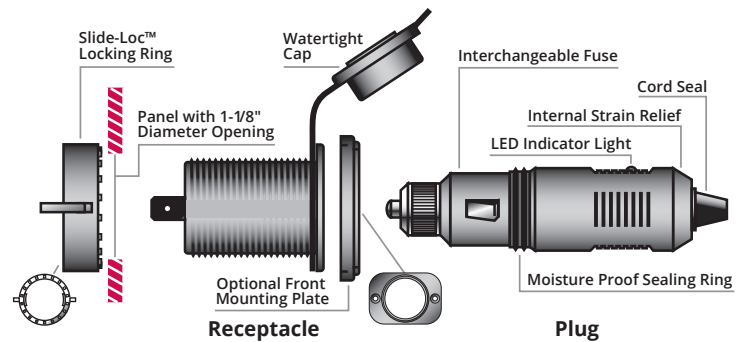
Safety onboard starts with a reliable DC electrical system that is installed and designed with the proper high quality wiring, components and connections to fulfill all of your intended DC tasks. If you're tempted to take shortcuts when wiring your boat, don't, as these types of cost-cutting measures can come back to bite you at the worst possible moments, potentially compromising the safety of your boat and crew.

So, whether you ply fresh water lakes, back bays, coastal areas or make long distance blue water runs to the edge of the continental shelf, Marincor® offers a wide selection of high quality, low voltage DC electrical products designed specifically for the harsh marine environment.

Now you can spend more time enjoying your boating experience and less time dealing with unwanted electrical hassles.

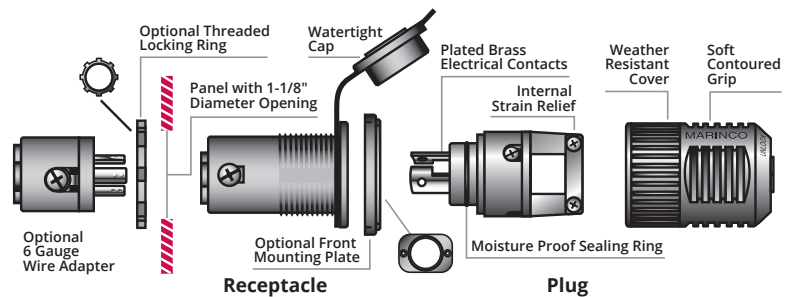
ConnectPro® Charging & Trolling

ConnectPro system has superior electric current carrying capacity. It features locking plug and receptacle with spring clamping connections which provide a secure electrical contact.



ConnectTite™ 12 Volt

Exclusive to ConnectTite products is a unique interconnecting system that securely locks the plug into the receptacle resulting in a positive and moisture-proof connection.



2-Wire ConnectPro® Charging or Accessory

5 YEAR WARRANTY



Receptacle

- Works with 12V, 24V, or 36V 2-wire systems
- For front mount panel installations
- Weather resistant sealing cap
- Drain holes in receptacle keep water away from electrical components
- Perma-Lock™ screw terminals will not loosen under extreme hull vibration
- Fits standard 1-1/8" diameter mounting hole
- Accepts up to 10 AWG wire

Part # 12VBR2
OEM # 12VBR2.OEM



Plug

- O-ring seal for waterproof connections
- Weather resistant plug cover
- Corrosion resistant, plated brass electrical components
- Accepts 16 to 8 AWG wire
- Ergonomic contoured grip for easy hook-up and ground blade alignment
- Max rating is 40 amps

Part # 12VBP2
OEM # 12VBP2.OEM



Receptacle & Plug

- 12VBR2 and 12VBP2 packaged together

Part # 12VCP2



Dimensional drawings on page 82

3-Wire ConnectPro® Charging / Trolling System



PATENTED

Receptacle

- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V or 36V systems
- Watertight sealing cap
- Corrosion resistant, plated brass electrical components
- Drain holes in receptacle keep water away from electrical components
- Perma-Lock™ screw terminals will not loosen under extreme hull vibration
- Standard 1-1/8" diameter mounting hole
- Easy to install, with supplied mounting plate for front panel installation, or locking ring for rear access installation
- Accepts 10 and 8 AWG wire
- Easily replaces other trolling motor plugs and receptacles

Part # 12VBR
OEM # 12VBR.OEM

Mounting plate not included with 12VBR.OEM



Plug

- O-ring seal for waterproof connections
- Weather resistant plug cover
- Corrosion resistant, plated brass electrical components
- Accepts 16 to 8 AWG wire
- Ergonomic contoured grip for easy hook-up and ground blade alignment

Part # 12VBP
OEM # 12VBP.OEM



6 Gauge Wire Receptacle Adapter

- Allows 6 AWG wire connection to ConnectPro® receptacle
- Corrosion resistant, plated brass electrical components

Part # 12VBRAD
OEM # 12VBRAD.OEM



Receptacle & Plug

- 12VBR and 12VBP packaged together

Part # 12VCP



Receptacle, Plug & 6 Gauge Adapter

- 12VBR and 12VBP and 12 VBRAD packaged together
- Max rating is 40 amps

Part # 12VCP6



Dimensional drawings on page 82

ConnectTite™ 12V Receptacles / Plugs / Accessories



12 Volt Receptacle

- Watertight sealing cap
- Easy to install, use supplied mounting plate (Not included with 12VRC.OEM) for front panel installation, or Slide-Loc™ for rear access installation

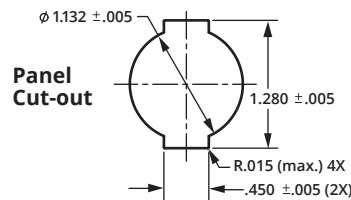
Part # 12VRC
OEM # 12VRC.OEM



12 Volt Snap-in Receptacle

- Easy to install, no locking rings needed
- Snap in design eliminates turning or twisting when inserting or removing plug
- Fits a wide variety of panel thicknesses
- Tabs mate with standard Packard terminals and connector bodies
- Fits standard hole pattern

OEM # 12VRCSP.OEM



12 Volt Receptacle w/ Old Style Ring

- Watertight sealing cap
- Easy to install, with locking ring for rear access installation
- Compatible with standard 12V plugs

OEM # 12VRCO



12 Volt Plug

- Moisture-proof sealing ring
- Green LED power indicator light
- Interchangeable 10 amp fuse
- Internal strain relief and cord seal
- Glass-filled nylon housing
- Current-carrying parts and knurl nut are nickel-plated copper alloy
- Compatible with standard 12V receptacle
- Max rating is 10 amps

Part # 12VPG
OEM # 12VPG.OEM



12VDUSB

Dual USB Charger Receptacle

- 12V to 24V DC input
- 5V, 2.1 amp total output
- LED power indicator light for USB
- Water resistant cover protects against dust and water
- Insulated terminals included

Part # 12VDUSB black
OEM # 12VDUSB-B black, no terminals
OEM # 12VDUSBN-B black, no LED
OEM # 12VDUSBNP.OEM black, no mounting plate



12VCOMBO

Dual USB Charger & 12V Receptacle

- 12V DC input
- Dual USB has 5V, 2.1 amp total output
- LED power indicator light for USB
- Receptacle has 12V DC output, rated up to 20 amps
- Water resistant covers protects against dust and water
- Insulated terminals included

Part # 12VCOMBO black
OEM # 12VCOMBO-B black, no terminals
OEM # 12VCOMBON-B black, no LED

ConnectTite™ 12V Receptacles / Plugs / Accessories



Specification-Grade 6' 12V Extension Cord

- 6' of super flexible 18 guage cable
- Receptacle is fully-enclosed in soft PVC with a watertight sealing cap
- Plug features an LED indicator light, moisture-proof sealing ring, strain relief and built-in 10A fuse
- 10A rated, 10A fused

Part # 12VXT



Specification-Grade Dual Outlet Extension Cord

- Dual outlets, each on its own one foot super flexible 18 gauge cable
- Receptacle is fully-enclosed in soft PVC with a watertight sealing cap
- Plug features an LED indicator light, moisture-proof sealing ring, strain relief and built-in 10A fuse
- 10A rated, 10A fused

Part # 12VAD

3-Wire 70A Charging / Trolling System



70A Trolling Motor Receptacle

- 70A continuous rating
- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V, 36V or 48V systems
- Floating pin design for maximum connectivity and durability
- Corrosion resistant, plated brass electrical components
- Watertight sealing cap
- Accepts up to 6 AWG wire

Part # 12VBR53
OEM # 12VBR53.OEM



70A Trolling Motor Plug

- 70A continuous rating
- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V, 36V or 48V systems
- Floating pin design for maximum connectivity and durability
- Corrosion resistant, plated brass electrical components
- Integrated strain relief
- Keyed design with thumbprint locator
- Accepts up to 6 AWG wire

Part # 12VBPS3
OEM # 12VBPS3.OEM



70A Trolling Motor Plug & Receptacle

- 70A continuous rating
- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V, 36V or 48V systems
- Floating pin design for maximum connectivity and durability
- Corrosion resistant, plated brass electrical components
- Receptacle contains watertight sealing cap
- Plug contains Integrated strain relief and keyed design with thumbprint locator
- Accepts up to 6 AWG wire

Part # 12VCPS3

ConnectTite™ 12V Receptacles / Plugs / Accessories



Mounting Plate

- Easy to install or retrofit
- Use with 12VRC.OEM, 12VRCO or 12VBR.OEM

OEM # 12MP.OEM



Boot

- For use with 12V products
- Creates a weatherproof seal

Part # 300275



Receptacle Mounting Bracket

- Bracket mounts under the panel or on any flat surface for simple OEM installation or retrofit
- 2" wide x 2.5" tall
- Mounting screws included
- Easy to install or retrofit
- Use with 12VRC.OEM, 12VRCO or 12VBR.OEM

Part # 12BKT

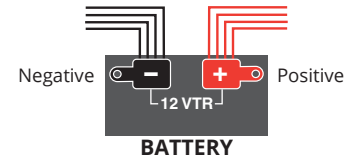


Battery Direct Connect™ Multi Connection Battery Terminals

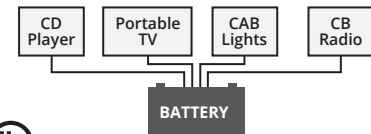
- Wire electronic instruments directly to the battery maximizing clarity by virtually eliminating interference
- Terminate up to four electronic instruments on each set of terminals
- Comes complete with quick-connect terminals
- All one piece, no screws or parts to lose
- No tools necessary
- Cover snaps tight when closed

Part # 12VTR

OEM # 12VTR.OEM



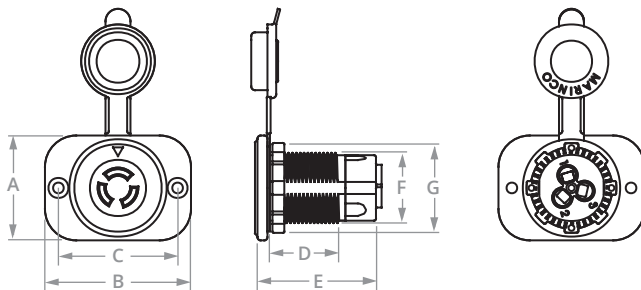
Terminate up to four electronic instruments



Dimensions

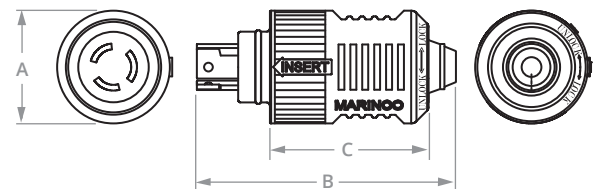
12VBR & 12VBR52

| A | B | C | D | E | F | G |
|-------|-------|-------|-------|-------|-------|-------|
| 1.68" | 2.34" | 1.91" | 1.11" | 1.90" | 1.12" | 1.44" |



12VBPS & 12VBPS2

| A | B | C |
|-------|-------|-------|
| 1.42" | 3.30" | 2.00" |



Wiring Devices Cross Reference

| Eaton Cooper Crouse-Hinds | Leviton | Hubbell | Marinco |
|------------------------------|----------|-----------|-----------------|
| CS6360EX | CS63-60C | CS6360C | CS6360N |
| CS6361EX | CS63-61C | CS6361C | CS6361N |
| CS6364EX | CS63-64C | CS6364C | CS6364N |
| CS6365EX | CS63-65C | CS6365C | CS6365N |
| CS6369 | CS63-69 | CS6369 | CS6369 |
| CS6370 | CS63-70 | CS6370 | CS6370 |
| CS6375 | CS63-75 | CS6375 | CS6375 |
| CS6376 | — | — | CS6375FL |
| CS8164EX | CS81-64C | CS8164C | CS8164N |
| CS8165EX | CS81-65C | CS8165C | CS8165N |
| CS8169 | CS81-69 | CS8169 | CS8169 |
| CS8175 | CS81-75 | CS8175 | CS8175 |
| CS8264EX | CS82-64C | CS8264C | CS8264N |
| CS8265EX | CS82-65C | CS8265C | CS8265N |
| CS8269 | CS82-69 | CS8269 | CS8269 |
| CS8275 | CS82-75 | CS8275 | CS8275 |
| CS8364EX | CS83-64C | CS8364C | CS8364N |
| CS8365EX | CS83-65C | CS8365C | CS8365N |
| CS8369 | CS83-69 | CS8369 | CS8369 |
| CS8375 | CS83-75 | CS8375 | CS8375 |
| CS8464EX | CS84-64C | CS8464C | CS8464N |
| CS8465EX | CS84-65C | CS8465C | CS8465N |
| CS8469 | CS84-69 | CS8469 | CS8469 |
| WP1 | WP1 | WP1 | WP1 |
| — | — | — | 15RA |
| — | — | — | 103RN |
| — | — | — | 110R |
| — | — | — | 152AY |
| — | — | — | 153AY |
| — | — | — | 157AY |
| CWL520C | 2313 | HBL2313 | 205C |
| CWL520CBK | 2313-B | HBL2313BK | 205CBL |
| — | — | — | 205CL |
| CWL520FI | 2315 | HBL2315 | 205FI |
| CWL520FO | 2316 | HBL2316 | 205FO |
| CWL520P | 2311 | HBL2311 | 205P |
| CWL520PBK | 2311-B | HBL2311BK | 205PBL |
| — | — | — | 205PL |
| CWL520R | 2310 | HBL2310 | 205R |
| IGL520R | 2310-IG | IG2310 | 205RIG |
| CWL620C | 2323 | HBL2323 | 206C |
| — | 2323-B | HBL2323BK | 206CBL |
| CWL620FI | 2325 | HBL2325 | 206FI |
| CWL620FO | 2326 | HBL2326 | 206FO |
| CWL620P | 2321 | HBL2321 | 206P |
| — | 2321-B | HBL2321BK | 206PBL |
| CWL620R | 2320 | HBL2320 | 206R |
| IGL620R | 2320-IG | IG2320 | 206RIG |
| CWL720P | 2331 | HBL2331 | 207P |
| CWL1420C | 2413 | HBL2413 | 2014C |
| CWL1420FI | 2415 | HBL2415 | 2014FI |
| CWL1420FO | 2416 | HBL2416 | 2014FO |
| CWL1420P | 2411 | HBL2411 | 2014P |
| CWL1420R | 2410 | HBL2410 | 2014R |
| CWL1520C | 2423 | HBL2423 | 2015C |

| Eaton Cooper Crouse-Hinds | Leviton | Hubbell | Marinco |
|------------------------------|---------|-----------|-----------------|
| CWL1520FI | 2425 | HBL2425 | 2015FI |
| CWL1520FO | 2426 | HBL2426 | 2015FO |
| CWL1520P | 2421 | HBL2421 | 2015P |
| CWL1520R | 2420 | HBL2420 | 2015R |
| CWL1620C | 2433 | HBL2433 | 2016C |
| CWL1620P | 2431 | HBL2431 | 2016P |
| CWL1620R | 2430 | HBL2430 | 2016R |
| CWL2120C | 2513 | HBL2513 | 2021C |
| CWL2120FO | 2516 | HBL2516 | 2021FO |
| CWL2120P | 2511 | HBL2511 | 2021P |
| CWL2120R | 2510 | HBL2510 | 2021R |
| — | — | — | 2030FL |
| CWL530C | 2613 | HBL2613 | 305C |
| CWL530FI | 2615 | HBL2615 | 305FI |
| CWL530FO | 2616 | HBL2616 | 305FO |
| CWL630P | 2621 | HBL2621 | 306P |
| CWL530R | 2610 | HBL2610 | 305R |
| IGL530R | 2610-IG | IG2610 | 305RIG |
| — | — | — | 320IEC13 |
| — | — | — | 320IEC15 |
| — | — | H320C | 320IEC19 |
| CWL1430C | 2713 | HBL2713 | 3014C |
| CWL1430FI | 2715 | HBL2715 | 3014FI |
| CWL1430FO | 2716 | HBL2716 | 3014FO |
| CWL1430P | 2711 | HBL2711 | 3014P |
| CWL1430R | 2710 | HBL2710 | 3014R |
| CWL1530C | 2723 | HBL2723 | 3015C |
| CWL1530FI | 2725 | HBL2725 | 3015FI |
| CWL1530FO | 2726 | HBL2726 | 3015FO |
| CWL1530P | 2721 | HBL2721 | 3015P |
| CWL1530R | 2720 | HBL2720 | 3015R |
| CWL1630C | 2733 | HBL2733 | 3016C |
| CWL1630FO | 2736 | HBL2736 | 3016FO |
| CWL1630P | 2731 | HBL2731 | 3016P |
| CWL1630R | 2730 | HBL2730 | 3016R |
| CWL2130C | 2813 | HBL2813 | 3021C |
| CWL2130FO | 2816 | HBL2816 | 3021FO |
| CWL2130P | 2811 | HBL2811 | 3021P |
| CWL2130R | 2810 | HBL2810 | 3021R |
| 3762EX | 3762-C | HBL3762C | 3762N |
| 3763EX | 3763-C | HBL3763C | 3763N |
| 3764EX | 3764-C | HBL3764C | 3764N |
| 3765EX | 3765-C | HBL3765C | 3765N |
| 3769 | 3769 | HBL3769 | 3769 |
| 3771 | 3771 | HBL3771 | 3771 |
| 3775 | 3775 | HBL3775 | 3775 |
| 3777 | 3777 | HBL3777 | 3777 |
| 6580 | 4550 | HBL4550 | 4550 |
| CWL615R | 4560 | HBL4560 | 4560 |
| CWL615P | 4570-C | HBL4570C | 4570 |
| CWL615C | 4579-C | HBL4579C | 4579 |
| CWL615FO | 4585-C | HBL4585C | 4585 |
| CWL615FI | 4586-C | HBL4586C | 4586 |
| 4700 | 4700 | HBL4700 | 4700 |
| CR4700 | — | HBL47CM00 | 4700CR |

Chart is for reference only. User is responsible to verify form, fit and function with actual application.

Wiring Devices Cross Reference (cont)

| Eaton Cooper Crouse-Hinds | Leviton | Hubbell | Marinco |
|------------------------------|----------|------------|----------------|
| CWL515R | 4710 | HBL4710 | 4710 |
| CWL515FO | 4715-C | HBL4715C | 4715 |
| CWL515FI | 4716-C | HBL4716C | 4716 |
| CWL515P | 4720-C | HBL4720C | 4720 |
| — | 4720-CB | HBL4720CBK | 4720BL |
| — | — | — | 4720L |
| CWL515C | 4729-C | HBL4729C | 4729 |
| - | 4729-CB | HBL4729CBK | 4729BL |
| — | — | — | 4729L |
| CWL715R | 4760 | HBL4760 | 4760 |
| CWL715P | 4770-C | HBL4770C | 4770 |
| CWL715C | 4779-C | HBL4779C | 4779 |
| CWL715FO | 4785-C | HBL4785C | 4785 |
| CWL715FI | 4786-C | HBL4786C | 4786 |
| — | 510-R | — | 510R |
| AH5262 | 5262 | HBL5262 | 5252 |
| — | 52CM-62 | HBL52CM62 | 5262CRR |
| 6266 | 5266-C | HBL5266C | 5266 |
| 6266BLK | 5266-CB | HBL5266EBK | 5266BL |
| — | 52CM-66C | HBL52CM66C | 5266CRS |
| — | — | — | 5266L |
| 6265 | 5266-CA | HBL5266CA | 5266RA |
| 6269 | 5269-C | HBL5269C | 5269 |
| 6269BLK | 5269-CB | HBL5269EBK | 5269BL |
| — | 52CM-69C | HBL52CM69C | 5269CR |
| — | — | — | 5269L |
| 5278C | 5278-C | HBL5278C | 5278 |
| — | — | — | 5278BL |
| — | — | — | 5278DRI |
| 5279C | 5279-C | HBL5279C | 5279 |
| — | — | — | 5279BL |
| — | — | — | 5279DRO |
| AH5362 | 5362 | HBL5362 | 5352 |
| 6766 | 5366-C | HBL5366C | 5366 |
| 6769 | 5369-C | HBL5369C | 5369 |
| — | 53CM-69C | HBL53CM69C | 5369CR |
| 5778C | 15378-C | HBL5378C | 5378 |
| 5779C | 15379-C | HBL5379C | 5379 |
| 5462 | — | — | 5462 |
| 6866 | 5466-C | HBL5466C | 5466 |
| 6869 | 5469-C | HBL5469C | 5469 |
| 5878C | 5478-C | HBL5478C | 5478 |
| 5879C | 5479-C | HBL5479C | 5479 |
| 6666 | 5666-C | HBL5666C | 5666 |
| 6669 | 5669-C | HBL5669C | 5669 |
| 5678C | 15678-C | HBL5678C | 5678 |
| — | — | — | 5678DRI |
| 5679C | 15679-C | HBL5679C | 5679 |
| — | 6017 | HBL6017 | 6017 |
| BS1 | 6017-Y | HBL60CM17 | 6017Y |
| — | 6018 | HBL6018 | 6018 |
| BS2 | 6018-Y | HBL60CM18 | 6018Y |
| 63CR60EX | 6360-CR | — | 6360CRN |
| 63CR61EX | 6361-CR | — | 6361CRN |
| 63CR64EX | 6364-CR | — | 6364CRN |

| Eaton Cooper Crouse-Hinds | Leviton | Hubbell | Marinco |
|------------------------------|----------|------------|----------------|
| 63CR65EX | 6365-CR | — | 6365CRN |
| 7413C | 7411-C | HBL7411C | 7411C |
| 7411C | 7413-C | HBL7413C | 7413C |
| 77CR15 | 7715-CR | HBL77CM15 | 7715CRN |
| 7717 | 7717-CR | HBL7717C | 7717N |
| 7764EX | 7764-C | HBL7764C | 7764N |
| 7765EX | 7765-C | HBL7765C | 7765N |
| 7958 | — | HBL7958 | 7958 |
| 6266HG | 8215-C | HBL8215C | 8215 |
| 6266HGC | 8215-CT | HBL8215CT | 8215T |
| — | 8215-PLC | — | 8215TL |
| 6265HGC | 8215-CAT | HBL8215CAT | 8215TRA |
| 6269HG | 8219-C | HBL8219C | 8219 |
| 6269HGC | 8219-CT | HBL8219CT | 8219T |
| — | 8219-PLC | — | 8219TL |
| 9965C | 9965-C | HBL9965C | 9965C |

Chart is for reference only. User is responsible to verify form, fit and function with actual application.

CAM Tech Devices Cross Reference

CL, CLS Series Inline Devices

| Description | M/F | Color | Leviton | Leviton | Eaton Cooper Crouse-Hinds | Hubbell | Marinco CLS Series NEMA 3R & 4 (Rubber) |
|---------------------------------|--------|--------|---------|----------|------------------------------|-----------|--|
| #6-#2 Inline Cam Connector | Male | Black | — | — | — | — | CLS2MB-A |
| | | White | — | — | — | — | CLS2MB-B |
| | | Red | — | — | — | — | CLS2MB-C |
| | | Blue | — | — | — | — | CLS2MB-D |
| | | Green | — | — | — | — | CLS2MB-E |
| | | Brown | — | — | — | — | CLS2MB-F |
| | | Orange | — | — | — | — | CLS2MB-G |
| | | Yellow | — | — | — | — | CLS2MB-H |
| | Female | Black | — | — | — | — | CLS2FB-A |
| | | White | — | — | — | — | CLS2FB-B |
| | | Red | — | — | — | — | CLS2FB-C |
| | | Blue | — | — | — | — | CLS2FB-D |
| | | Green | — | — | — | — | CLS2FB-E |
| | | Brown | — | — | — | — | CLS2FB-F |
| | | Orange | — | — | — | — | CLS2FB-G |
| | | Yellow | — | — | — | — | CLS2FB-H |
| #2-2/0 Inline Cam Connector | Male | Black | 16D22-E | 16D22-UE | E1016-8350 | HBL300MBK | CLS20MB-A |
| | | White | 16D22-W | 16D22-UW | E1016-8355 | HBL300MW | CLS20MB-B |
| | | Red | 16D22-R | 16D22-UR | E1016-8352 | HBL300MR | CLS20MB-C |
| | | Blue | 16D22-B | 16D22-UB | E1016-8356 | HBL300MBL | CLS20MB-D |
| | | Green | 16D22-G | 16D22-UG | E1016-8354 | HBL300MGN | CLS20MB-E |
| | | Brown | 16D22-H | 16D22-UH | E1016-8357 | HBL300MBN | CLS20MB-F |
| | | Orange | 16D22-O | 16D22-UO | E1016-8353 | HBL300MO | CLS20MB-G |
| | | Yellow | 16D22-Y | 16D22-UY | E1016-8351 | HBL300MY | CLS20MB-H |
| | Female | Black | 16D31-E | 16D31-UE | E1016-8375 | HBL300FBK | CLS20FB-A |
| | | White | 16D31-W | 16D31-UW | E1016-8380 | HBL300FW | CLS20FB-B |
| | | Red | 16D31-R | 16D31-UR | E1016-8377 | HBL300FR | CLS20FB-C |
| | | Blue | 16D31-B | 16D31-UB | E1016-8381 | HBL300FBL | CLS20FB-D |
| | | Green | 16D31-G | 16D31-UG | E1016-8379 | HBL300FGN | CLS20FB-E |
| | | Brown | 16D31-H | 16D31-UH | E1016-8382 | HBL300FBN | CLS20FB-F |
| | | Orange | 16D31-O | 16D31-UO | E1016-8378 | HBL300FO | CLS20FB-G |
| | | Yellow | 16D31-Y | 16D31-UY | E1016-8376 | HBL300FY | CLS20FB-H |
| 2/0-4/0 Inline Cam Connector | Male | Black | 16D24-E | 16D24-UE | E1016-8362 | HBL400MBK | CLS40MB-A |
| | | White | 16D24-W | 16D24-UW | E1016-8367 | HBL400MW | CLS40MB-B |
| | | Red | 16D24-R | 16D24-UR | E1016-8364 | HBL400MR | CLS40MB-C |
| | | Blue | 16D24-B | 16D24-UB | E1016-8368 | HBL400MBL | CLS40MB-D |
| | | Green | 16D24-G | 16D24-UG | E1016-8366 | HBL400MGN | CLS40MB-E |
| | | Brown | 16D24-H | 16D24-UH | E1016-8369 | HBL400MBN | CLS40MB-F |
| | | Orange | 16D24-O | 16D24-UO | E1016-8365 | HBL400MO | CLS40MB-G |
| | | Yellow | 16D24-Y | 16D24-UY | E1016-8363 | HBL400MY | CLS40MB-H |
| | Female | Black | 16D33-E | 16D33-UE | E1016-8387 | HBL400FBK | CLS40FB-A |
| | | White | 16D33-W | 16D33-UW | E1016-8392 | HBL400FW | CLS40FB-B |
| | | Red | 16D33-R | 16D33-UR | E1016-8389 | HBL400FR | CLS40FB-C |
| | | Blue | 16D33-B | 16D33-UB | E1016-8393 | HBL400FBL | CLS40FB-D |
| | | Green | 16D33-G | 16D33-UG | E1016-8391 | HBL400FGN | CLS40FB-E |
| | | Brown | 16D33-H | 16D33-UH | E1016-8394 | HBL400FBN | CLS40FB-F |
| | | Orange | 16D33-O | 16D33-UO | E1016-8390 | HBL400FO | CLS40FB-G |
| | | Yellow | 16D33-Y | 16D33-UY | E1016-8388 | HBL400FY | CLS40FB-H |

Chart is for reference only. User is responsible to verify form, fit and function with actual application.

CLS Panel Mounts

| Description | M/F | Color | Leviton | Leviton | Eaton Cooper Crouse-Hinds | Hubbell | Marinco |
|-------------------------------------|---------|----------|-------------|-------------|------------------------------|---------------------|---------------------|
| 1-1/4" Panel Mount Threaded Stud | Male | Black | 16R23-E | 16R23-UE | E1016-1600S | HBLFRSBK | CLS40MRSB-AX |
| | | White | 16R23-W | 16R23-UW | E1016-1605S | HBLFRSW | CLS40MRSB-BX |
| | | Red | 16R23-R | 16R23-UR | E1016-1602S | HBLFRSR | CLS40MRSB-CX |
| | | Blue | 16R23-B | 16R23-UB | E1016-1612S | HBLFRSBL | CLS40MRSB-DX |
| | | Green | 16R23-G | 16R23-UG | E1016-1604S | HBLFRSGN | CLS40MRSB-EX |
| | | Brown | 16R23-H | 16R23-UH | E1016-1619S | HBLFRSBN | CLS40MRSB-FX |
| | | Orange | 16R23-O | 16R23-UO | E1016-1603S | HBLFRSO | CLS40MRSB-GX |
| | Yellow | 16R23-Y | 16R23-UY | E1016-1601S | HBLFRSY | CLS40MRSB-HX | |
| | Female | Black | 16R24-E | 16R24-UE | E1016-1631S | HBLMRSBK | CLS40FRSB-AX |
| | | White | 16R24-W | 16R24-UW | E1016-1636S | HBLMRSW | CLS40FRSB-BX |
| | | Red | 16R24-R | 16R24-UR | E1016-1633S | HBLMRSR | CLS40FRSB-CX |
| | | Blue | 16R24-B | 16R24-UB | E1016-1643S | HBLMRSBL | CLS40FRSB-DX |
| | | Green | 16R24-G | 16R24-UG | E1016-1635S | HBLMRSGN | CLS40FRSB-EX |
| | | Brown | 16R24-H | 16R24-UH | E1016-1687S | HBLMRSBN | CLS40FRSB-FX |
| Orange | | 16R24-O | 16R24-UO | E1016-1634S | HBLMRSO | CLS40FRSB-GX | |
| Yellow | 16R24-Y | 16R24-UY | E1016-1632S | HBLMRSY | CLS40FRSB-HX | | |
| Panel Mount Double Set Screw | Male | Black | 16R21-E | 16R21-UE | E1016-1700 | HBLFRBK | CLS40MRB-AX |
| | | White | 16R21-W | 16R21-UW | E1016-1705 | HBLFRW | CLS40MRB-BX |
| | | Red | 16R21-R | 16R21-UR | E1016-1702 | HBLFRR | CLS40MRB-CX |
| | | Blue | 16R21-B | 16R21-UB | E1016-1706 | HBLFRBL | CLS40MRB-DX |
| | | Green | 16R21-G | 16R21-UG | E1016-1704 | HBLFRGN | CLS40MRB-EX |
| | | Brown | 16R21-H | 16R21-UH | E1016-1707 | HBLFRBN | CLS40MRB-FX |
| | | Orange | 16R21-O | 16R21-UO | E1016-1703 | HBLFRO | CLS40MRB-GX |
| | Yellow | 16R21-Y | 16R21-UY | E1016-1701 | HBLFRY | CLS40MRB-HX | |
| | Female | Black | 16R22-E | 16R22-UE | E1016-1725 | HBLMRBK | CLS40FRB-AX |
| | | White | 16R22-W | 16R22-UW | E1016-1730 | HBLMRW | CLS40FRB-BX |
| | | Red | 16R22-R | 16R22-UR | E1016-1727 | HBLMRR | CLS40FRB-CX |
| | | Blue | 16R22-B | 16R22-UB | E1016-1731 | HBLMRBL | CLS40FRB-DX |
| | | Green | 16R22-G | 16R22-UG | E1016-1729 | HBLMRGN | CLS40FRB-EX |
| | | Brown | 16R22-H | 16R22-UH | E1016-1732 | HBLMRBN | CLS40FRB-FX |
| Orange | | 16R22-O | 16R22-UO | E1016-1728 | HBLMRO | CLS40FRB-GX | |
| Yellow | 16R22-Y | 16R22-UY | E1016-1726 | HBLMRY | CLS40FRB-HX | | |

Busbar Mounts & Adapters

| Description | M/F | Color | Leviton | Eaton Cooper Crouse-Hinds | Hubbell | Marinco |
|--------------------------------|------------------|--------|---------|------------------------------|----------|------------------------|
| Angle Terminal Panel Mount | Female | Black* | 16F21-E | E1016-575 | — | CL40FR-ANGLE-A |
| | Male | Black* | — | — | — | CL40MR-ANGLE-A |
| Offset Terminal Panel Mount | Female | Black* | 16F22-E | E1016-625 | — | CL40FR-OFFSET-A |
| | Male | Black* | — | — | — | CL40MR-OFFSET-A |
| Paralleling T | - | Black* | 16A21-E | E1016-2324 | HBLPTBK | CPT |
| Tapping T | Female | Black* | 16A22-E | E1016-2312 | HBLTBK | CTT |
| 3fer | - | Black* | 16A23-E | E1016-9500 | HBLM3FBK | CA3F |
| Turnaround | Female to Female | Black* | 16A24-E | E1016-2352 | HBLDFBK | CDF |
| | Male to Male | Black* | 16A25-E | E1016-2382 | HBLDMBK | CDMM |

*Other colors available

"Mini" Inline Cam Adapters

| Description | M/F | Color | Leviton | Eaton Cooper Crouse-Hinds | Hubbell | Marinco |
|---------------|------------------|--------|---------|------------------------------|-----------|----------------|
| Paralleling T | — | Black* | 15A21-E | E1015-2324 | HBL15PTBK | CLMPT-A |
| Tapping T | Female | Black* | 15A22-E | E1015-2312 | HBL15TBK | CLMTT-A |
| Turnaround | Female to Female | Black* | 15A23-E | E1015-2352 | HBL15DFBK | CLMFF-A |
| | Male to Male | Black* | — | E1015-2362 | HBL15DMBK | CLMMM-A |

*Other colors available

Chart is for reference only. User is responsible to verify form, fit and function with actual application.

CAM Tech Devices Cross Reference

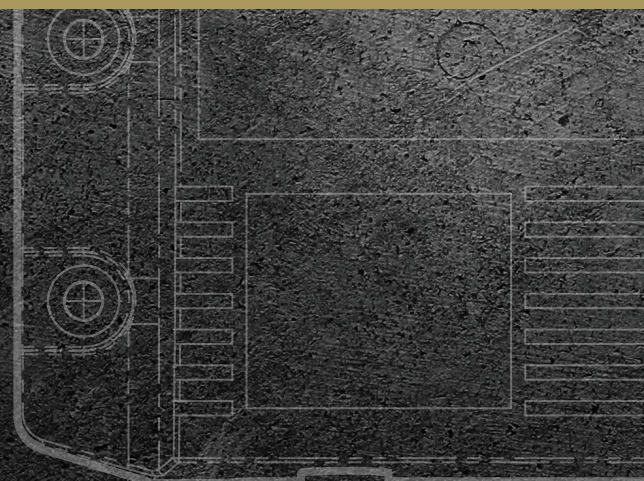
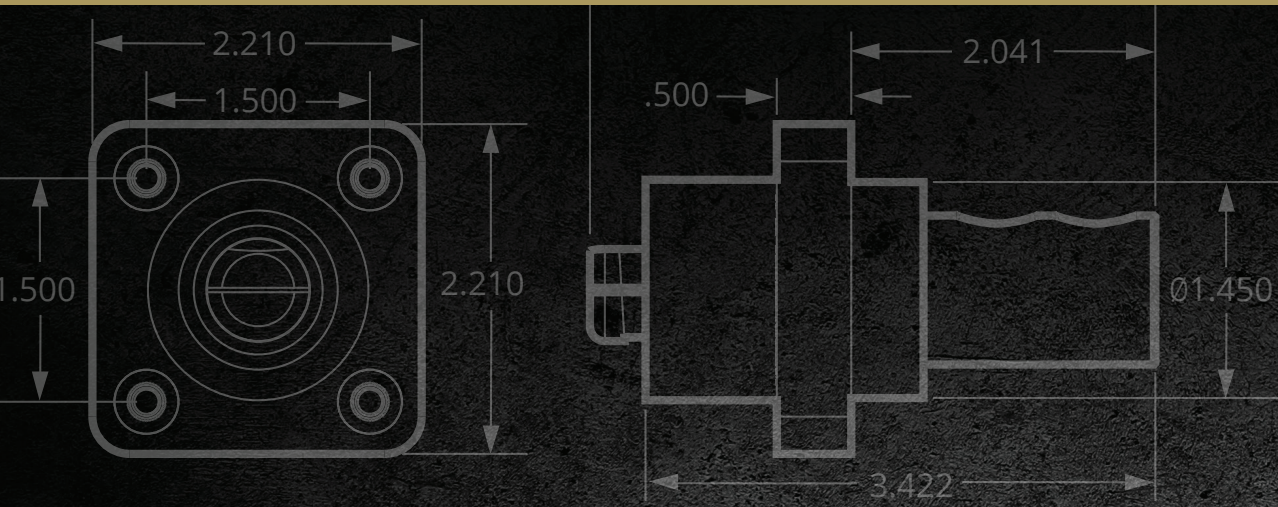
CLM “Mini” Inline Devices & Panel Mounts

| Description | M/F | Color | Leviton | Leviton | Eaton Cooper Crouse-Hinds | Hubbell | Marinco CLM Mini Series (hard plastic) | Marinco CLM Mini Series (rubber) | |
|--|--------|--------|---------|----------|---------------------------|------------|--|----------------------------------|-----------|
| 150A Mini Inline | Male | Black | 15D21-E | 15D21-UE | E1015-8306 | HBL15MBK | — | CLM2M-A | |
| | | White | 15D21-W | 15D21-UW | E1015-8311 | HBL15MW | — | CLM2M-B | |
| | | Red | 15D21-R | 15D21-UR | E1015-8308 | HBL15MR | — | CLM2M-C | |
| | | Blue | 15D21-B | 15D21-UB | E1015-8313 | HBL15MBL | — | CLM2M-D | |
| | | Green | 15D21-G | 15D21-UG | E1015-8310 | HBL15MGN | — | CLM2M-E | |
| | | Brown | 15D21-H | 15D21-UH | E1015-8314 | — | — | CLM2M-F | |
| | | Orange | 15D21-O | 15D21-UO | E1015-8309 | — | — | CLM2M-G | |
| | | Yellow | 15D21-Y | 15D21-UY | E1015-8307 | — | — | CLM2M-H | |
| | Female | Black | 15D22-E | 15D22-UE | E1015-8331 | HBL15FBK | — | CLM2F-A | |
| | | White | 15D22-W | 15D22-UW | E1015-8336 | HBL15FW | — | CLM2F-B | |
| | | Red | 15D22-R | 15D22-UR | E1015-8333 | HBL15FR | — | CLM2F-C | |
| | | Blue | 15D22-B | 15D22-UB | E1015-8338 | HBL15FBL | — | CLM2F-D | |
| | | Green | 15D22-G | 15D22-UG | E1015-8335 | HBL15FGN | — | CLM2F-E | |
| | | Brown | 15D22-H | 15D22-UH | E1015-8339 | — | — | CLM2F-F | |
| | | Orange | 15D22-O | 15D22-UO | E1015-8334 | — | — | CLM2F-G | |
| | | Yellow | 15D22-Y | 15D22-UY | E1015-8332 | — | — | CLM2F-H | |
| 150A Mini Panel Mount Threaded Stud | Male | Black | 15R21-E | 15R21-UE | E1015-1600 | HBL15MRSBK | CLMMRS-A | CLSMMRS-A | |
| | | White | 15R21-W | 15R21-UW | E1015-1605 | HBL15MRSW | CLMMRS-B | CLSMMRS-B | |
| | | Red | 15R21-R | 15R21-UR | E1015-1602 | HBL15MRSR | CLMMRS-C | CLSMMRS-C | |
| | | Blue | 15R21-B | 15R21-UB | E1015-1606 | HBL15MRSBL | CLMMRS-D | CLSMMRS-D | |
| | | Green | 15R21-G | 15R21-UG | E1015-1604 | HBL15MRSGN | CLMMRS-E | CLSMMRS-E | |
| | | Brown | 15R21-H | 15R21-UH | E1015-1607 | — | CLMMRS-F | CLSMMRS-F | |
| | | Orange | 15R21-O | 15R21-UO | E1015-1603 | — | CLMMRS-G | CLSMMRS-G | |
| | | Yellow | 15R21-Y | 15R21-UY | E1015-1601 | — | CLMMRS-H | CLSMMRS-H | |
| | Female | Black | 15R22-E | 15R22-UE | E1015-1625 | HBL15FRSBK | CLMFRS-A | CLSMFRS-A | |
| | | White | 15R22-W | 15R22-UW | E1015-1630 | HBL15FRSW | CLMFRS-B | CLSMFRS-B | |
| | | Red | 15R22-R | 15R22-UR | E1015-1627 | HBL15FRSR | CLMFRS-C | CLSMFRS-C | |
| | | Blue | 15R22-B | 15R22-UB | E1015-1631 | HBL15FRSBL | CLMFRS-D | CLSMFRS-D | |
| | | Green | 15R22-G | 15R22-UG | E1015-1629 | HBL15FRSGN | CLMFRS-E | CLSMFRS-E | |
| | | Brown | 15R22-H | 15R22-UH | E1015-1632 | — | CLMFRS-F | CLSMFRS-F | |
| | | Orange | 15R22-O | 15R22-UO | E1015-1628 | — | CLMFRS-G | CLSMFRS-G | |
| | | Yellow | 15R22-Y | 15R22-UY | E1015-1626 | — | CLMFRS-H | CLSMFRS-H | |
| 150A Mini Panel Mount Double Set Screw | Male | Black | — | — | — | HBL15MRBK | CLMMR2-A | CLSMMR2-A | |
| | | White | — | — | — | HBL15MRW | CLMMR2-B | CLSMMR2-B | |
| | | Red | — | — | — | HBL15MRR | CLMMR2-C | CLSMMR2-C | |
| | | Blue | — | — | — | HBL15MRBL | CLMMR2-D | CLSMMR2-D | |
| | | Green | — | — | — | HBL15MRGN | CLMMR2-E | CLSMMR2-E | |
| | | Brown | — | — | — | — | CLMMR2-F | CLSMMR2-F | |
| | | Orange | — | — | — | — | CLMMR2-G | CLSMMR2-G | |
| | | Yellow | — | — | — | — | CLMMR2-H | CLSMMR2-H | |
| | Female | Black | — | — | — | — | HBL15FRBK | CLMFR2-A | CLSMFR2-A |
| | | White | — | — | — | — | HBL15FRW | CLMFR2-B | CLSMFR2-B |
| | | Red | — | — | — | — | HBL15FRR | CLMFR2-C | CLSMFR2-C |
| | | Blue | — | — | — | — | HBL15FRBL | CLMFR2-D | CLSMFR2-D |
| | | Green | — | — | — | — | HBL15FRGN | CLMFR2-E | CLSMFR2-E |
| | | Brown | — | — | — | — | — | CLMFR2-F | CLSMFR2-F |
| | | Orange | — | — | — | — | — | CLMFR2-G | CLSMFR2-G |
| | | Yellow | — | — | — | — | — | CLMFR2-H | CLSMFR2-H |

| PN | Page | PN | Page | PN | Page | PN | Page | PN | Page |
|-------------|------|---------------|------|-------------|------|---------|------|----------|------|
| 100F | 58 | 12VBRS3 | 81 | 154800-03 | 71 | 205CBL | 26 | 2102 | 73 |
| 100FR | 59 | 12VBRS3.OEM | 81 | 157200-01 | 71 | 205CL | 29 | 2102-3-B | 73 |
| 100FR-DSS | 59 | 12VCOMBO | 80 | 157200-03 | 71 | 205CRCN | 31 | 2102-B | 73 |
| 100M | 58 | 12VCOMBO-B | 80 | 157AY | 40 | 205CRPN | 31 | 2110A | 73 |
| 100MR | 59 | 12VCOMBON-B | 80 | 15CLF | 53 | 205CRR | 31 | 2110A-B | 73 |
| 100MR-DSS | 59 | 12VCP | 79 | 15CLM | 53 | 205FI | 25 | 2111A | 73 |
| 100R | 39 | 12VCP6 | 79 | 15RA | 11 | 205FO | 26 | 2111A-B | 73 |
| 102182 | 38 | 12VCP52 | 79 | 165AYB-NC | 40 | 205P | 24 | 2112A | 73 |
| 102N | 38 | 12VCP53 | 81 | 16CLF | 53 | 205PBL | 26 | 2112A-B | 73 |
| 103RN | 38 | 12VDUSB | 80 | 16CLM | 53 | 205PL | 28 | 2300A | 73 |
| 103RN.OEM | 38 | 12VDUSB-B | 80 | 199109PK | 39 | 205R | 25 | 2300A-B | 73 |
| 104SPP | 40 | 12VDUSBN-B | 80 | 199110PK | 39 | 205RIG | 32 | 2303A | 73 |
| 105SPP | 40 | 12VDUSBNP.OEM | 80 | 200BBI.RV | 11 | 206C | 26 | 2303A-B | 73 |
| 106F-H | 58 | 12VPG | 80 | 200BBIW | 71 | 206CBL | 26 | 2304A | 73 |
| 106FR-DSS-H | 59 | 12VPG.OEM | 80 | 200BBIW.OEM | 71 | 206FI | 26 | 2304A-B | 73 |
| 106FR-H | 59 | 12VRC | 80 | 2014C | 26 | 206FO | 26 | 2603-B | 69 |
| 106M-H | 58 | 12VRC.OEM | 80 | 2014FI | 26 | 206P | 26 | 2606A | 69 |
| 106MR-DSS-H | 59 | 12VRCO | 80 | 2014FO | 26 | 206PBL | 26 | 2701A | 70 |
| 106MR-H | 59 | 12VRCSP.OEM | 80 | 2014P | 26 | 206R | 26 | 2707A | 67 |
| 110R | 39 | 12VTR | 82 | 2014R | 26 | 206RIG | 33 | 2708A | 67 |
| 125W | 40 | 12VTR.OEM | 82 | 2015C | 26 | 207P | 26 | 2710A | 67 |
| 12BKT | 82 | 12VXT | 81 | 2015FI | 26 | 20F | 58 | 2711A | 67 |
| 12MP.OEM | 82 | 150BBI | 71 | 2015FO | 25 | 20F-AW | 58 | 2713A | 67 |
| 12VAD | 81 | 150BBI-TM | 71 | 2015P | 26 | 20F-RT | 58 | 2720A | 67 |
| 12VBP | 79 | 150BBI.OEM | 71 | 2015R | 26 | 20F-X | 58 | 2731A | 67 |
| 12VBP.OEM | 79 | 150BBIW | 71 | 2016C | 26 | 20FR | 59 | 2740A | 67 |
| 12VBPS2 | 79 | 150BBIW.OEM | 71 | 2016P | 26 | 20FR-RT | 59 | 28106 | 68 |
| 12VBPS2.OEM | 79 | 150CC.OEM | 71 | 2016R | 26 | 20M | 58 | 28210 | 68 |
| 12VBPS3 | 81 | 150CCI | 71 | 2021C | 26 | 20M-AW | 58 | 28220 | 68 |
| 12VBPS3.OEM | 81 | 150CCTM.OEM | 71 | 2021FO | 26 | 20M-RT | 58 | 28330 | 68 |
| 12VBR | 79 | 1520BI.OEM | 38 | 2021P | 26 | 20M-X | 58 | 300275 | 82 |
| 12VBR.OEM | 79 | 152400-01 | 71 | 2021R | 26 | 20MR | 59 | 3014C | 26 |
| 12VBRAD | 79 | 152400-03 | 71 | 2030FL | 39 | 2100 | 73 | 3014FI | 26 |
| 12VBRAD.OEM | 79 | 152AY | 40 | 203279.1 | 53 | 2100-B | 73 | 3014FO | 26 |
| 12VBRS2 | 79 | 153AY | 40 | 203445 | 52 | 2101 | 73 | 3014P | 26 |
| 12VBRS2.OEM | 79 | 154800-01 | 71 | 205C | 24 | 2101-B | 73 | 3014R | 26 |

| PN | Page | PN | Page | PN | Page | PN | Page | PN | Page |
|----------|------|-----------|------|-------------|------|----------|------|---------------|------|
| 3015C | 26 | 3763N | 27 | 4729 | 26 | 5379 | 11 | 7788GY | 39 |
| 3015FI | 26 | 3764N | 27 | 4729BL | 26 | 5379DRO | 11 | 7958 | 27 |
| 3015FO | 26 | 3765N | 27 | 4729L | 28 | 5462 | 11 | 8215 | 15 |
| 3015P | 26 | 3769 | 27 | 4731CR | 31 | 5466 | 11 | 8215T | 14 |
| 3015R | 26 | 3771 | 27 | 4760 | 26 | 5469 | 11 | 8215TL | 15 |
| 3016C | 26 | 3775 | 27 | 4770 | 26 | 5478 | 11 | 8215TRA | 15 |
| 3016FO | 26 | 3777 | 27 | 4779 | 26 | 5479 | 11 | 8219 | 15 |
| 3016P | 26 | 4270L | 29 | 4785 | 26 | 5666 | 11 | 8219T | 15 |
| 3016R | 26 | 430112.1 | 53 | 4786 | 26 | 5669 | 11 | 8219TL | 19 |
| 3021C | 26 | 430117.1 | 53 | 500017PLT.1 | 53 | 5678 | 11 | 83007021 | 72 |
| 3021FI | 26 | 430120.1 | 53 | 500072 | 53 | 5678DRI | 11 | 83007030 | 72 |
| 3021FO | 26 | 430121.1 | 53 | 500R | 39 | 5679 | 11 | 83012021 | 72 |
| 3021P | 26 | 430126.1 | 53 | 510R | 39 | 6017 | 38 | 83012031 | 72 |
| 3021R | 26 | 430129.1 | 53 | 520730.1 | 53 | 6018 | 38 | 83116025 | 72 |
| 305BC | 31 | 430130.1 | 53 | 5252 | 10 | 60F | 58 | 83116035 | 72 |
| 305BP | 31 | 430131.1 | 53 | 5262CRR | 17 | 60FR | 59 | 83125035 | 72 |
| 305C | 26 | 430171.1 | 53 | 5266 | 10 | 60FR-DSS | 59 | 83200150 | 72 |
| 305CRCN | 31 | 430244.1 | 53 | 5266BL | 11 | 60M | 58 | CA318F | 51 |
| 305CRPN | 31 | 430245.1 | 53 | 5266CRS | 16 | 60MR | 59 | CA3F | 51 |
| 305CRR | 30 | 430246.1 | 53 | 5266L | 18 | 60MR-DSS | 59 | CA3FST | 51 |
| 305CRRB | 31 | 4550 | 26 | 5266RA | 11 | 6360CRN | 30 | CA3M | 51 |
| 305FI | 26 | 4560 | 26 | 5269 | 10 | 6361CRN | 30 | CA3MST | 51 |
| 305FO | 26 | 4570 | 26 | 5269BL | 11 | 6364CRNS | 31 | CD1816MF | 51 |
| 305P | 26 | 4579 | 26 | 5269CR | 16 | 6365CRN | 31 | CD18TT | 51 |
| 305R | 26 | 4585 | 26 | 5269L | 18 | 6369CRS | 31 | CDFF | 51 |
| 305RIG | 33 | 4586 | 26 | 5278 | 11 | 6370CR | 31 | CDMM | 51 |
| 306C | 26 | 45WRA.OEM | 26 | 5278BL | 11 | 7411C | 27 | CL20FRB | 48 |
| 306FI | 26 | 4700 | 26 | 5278DRI | 11 | 7413C | 27 | CL20MRB | 48 |
| 306FO | 26 | 4700CR | 31 | 5279 | 11 | 7420CRS | 39 | CL40FC | 52 |
| 306P | 26 | 4710 | 26 | 5279BL | 11 | 7420GY | 39 | CL40FR-ANGLE | 51 |
| 306R | 26 | 4715 | 26 | 5279DRO | 11 | 7715CRN | 38 | CL40FR-OFFSET | 51 |
| 306RIG | 33 | 4716 | 26 | 5352 | 11 | 7717N | 38 | CL40FRB | 48 |
| 320IEC13 | 20 | 4720 | 26 | 5366 | 11 | 7764N | 27 | CL40FRB-BB | 48 |
| 320IEC15 | 20 | 4720BL | 26 | 5369 | 11 | 7765N | 27 | CL40FRSB | 48 |
| 320IEC19 | 20 | 4720L | 29 | 5369CR | 17 | 7788BL | 39 | CL40FRSB2 | 48 |
| 3762N | 27 | 4721CR | 31 | 5378 | 11 | 7788CRS | 39 | CL40MC | 52 |

| PN | Page | PN | Page | PN | Page | PN | Page | PN | Page |
|---------------|------|--------------|------|--------------|------|------------|------|------------|------|
| CL40MR-ANGLE | 51 | CLMMC | 52 | CLS40MB | 47 | CS8169 | 27 | G60M-FU | 60 |
| CL40MR-OFFSET | 51 | CLMMM | 50 | CLS40MCONT | 47 | CS8175 | 27 | G60M-RT | 60 |
| CL40MRB | 48 | CLMMR2 | 49 | CLS40MRB | 48 | CS8264N | 27 | GCS103B10 | 21 |
| CL40MRB-BB | 48 | CLMMRS | 49 | CLS40MRB-BB | 48 | CS8265N | 27 | GCS103B25 | 21 |
| CL40MRSB | 48 | CLMPT | 50 | CLS40MRB-BB2 | 48 | CS8269 | 27 | GCS103B50 | 21 |
| CL40MRSB2 | 48 | CLMTT | 50 | CLS40MRSB | 48 | CS8275 | 27 | GCS104C10 | 21 |
| CL40WTC-L-062 | 52 | CLS1820FB | 47 | CLS40MRSB1.5 | 48 | CS8364N | 27 | GCS104C25 | 21 |
| CL40WTC-L-125 | 52 | CLS1820FCONT | 47 | CLS45FR2SB | 49 | CS8365N | 27 | GCS104C50 | 21 |
| CL40WTC-L-187 | 52 | CLS1820MB | 47 | CLS45FRB | 49 | CS8369 | 27 | GCS123D25 | 21 |
| CL40WTC-S-062 | 52 | CLS182FB | 47 | CLS45FRB-BB | 49 | CS8375 | 27 | GCS124A10 | 21 |
| CL5266 | 12 | CLS182FCONT | 47 | CLS45FRB-BB2 | 49 | CS8464N | 27 | GCS124A25 | 21 |
| CL5266BL | 13 | CLS182MB | 47 | CLS45FRSB | 49 | CS8465N | 27 | GCS124A50 | 21 |
| CL5269 | 12 | CLS1840FB | 47 | CLS45MR2SB | 49 | CS8469 | 27 | PC20FCI | 63 |
| CL5269BL | 13 | CLS1840FCONT | 47 | CLS45MRB | 49 | CTT | 51 | PC20FCO | 63 |
| CL5366 | 13 | CLS1840FRB | 48 | CLS45MRB-BB | 49 | CTTFST | 51 | PC20MRI | 63 |
| CL5369 | 13 | CLS1840FRSB | 48 | CLS45MRB-BB2 | 49 | CTTMST | 51 | PC20MRO | 63 |
| CL5666 | 13 | CLS1840MB | 47 | CLS45MRSB | 49 | G100F | 60 | S15-30 | 40 |
| CL5669 | 13 | CLS1840MRB | 48 | CLSFBOOT | 47 | G100F-FU | 60 | S20-15 | 40 |
| CL8215 | 13 | CLS1840MRSB | 48 | CLSMBOOT | 47 | G100FR1-R5 | 61 | S20-30 | 40 |
| CL8215T | 13 | CLS18FBBOOT | 47 | CLSMFR2 | 49 | G100M | 60 | S30-15 | 40 |
| CL8219 | 13 | CLS18MBOOT | 47 | CLSMFRS | 49 | G100M-DB | 60 | TRIXFER | 58 |
| CL8219T | 13 | CLS20FB | 47 | CLSMR2 | 49 | G100M-FU | 60 | TRIXFER.FF | 58 |
| CLL3RN | 52 | CLS20FCONT | 47 | CLSMR5 | 49 | G100MR1-R5 | 61 | WP1 | 39 |
| CLM2F | 47 | CLS20MB | 47 | CLSPRESS | 53 | G106F-H | 60 | | |
| CLM2M | 47 | CLS20MCONT | 47 | CPT | 51 | G106M-DB-H | 60 | | |
| CLM3R | 52 | CLS2FB | 47 | CPTFST | 51 | G106M-H | 60 | | |
| CLMAD3F | 50 | CLS2FCONT | 47 | CS6360N | 27 | G20F | 60 | | |
| CLMAD3FST | 50 | CLS2MB | 47 | CS6361N | 27 | G20F-FU | 60 | | |
| CLMADFF | 50 | CLS2MCONT | 47 | CS6364N | 27 | G20M | 60 | | |
| CLMADFM | 50 | CLS40FB | 47 | CS6365N | 27 | G20M-FU | 60 | | |
| CLMADMF | 50 | CLS40FCONT | 47 | CS6369 | 27 | G60F | 60 | | |
| CLMADMM | 50 | CLS40FRB | 48 | CS6370 | 27 | G60F-FU | 60 | | |
| CLMFC | 52 | CLS40FRB-BB | 48 | CS6375 | 27 | G60F-RT | 60 | | |
| CLMFF | 50 | CLS40FRB-BB2 | 48 | CS6375FL | 27 | G60FR-TH | 61 | | |
| CLMFR2 | 49 | CLS40FRSB | 48 | CS8164N | 27 | G60M | 60 | | |
| CLMFRS | 49 | CLS40FRSB1.5 | 48 | CS8165N | 27 | G60M-DB | 60 | | |



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MPP_CAT_003_0118