

# Blue Sea Systems® Marine Electrical Components

BLUE SEA SYSTEMS — MARINE ELECTRICAL COMPONENTS

## Battery Switches

More Blue Sea Systems marine electrical components available in our online store at [www.polarwire.com](http://www.polarwire.com)

ORDER ONLINE

### Blue Sea Systems Manual Battery Switches

- Tin-plated copper studs for maximum conductivity and corrosion resistance
- Switches accept up to 4/0 AWG battery cables
- 7/8" stud length accepts multiple cable terminals
- Blue Sea Systems one-piece terminal stud design never loosens over time
- Switches fit most Perko and Guest low amperage battery switch hole patterns
- Case design allows surface, rear, or front panel mounting options
- Tactile indicator conveys knob position by feel
- Waterproof – rated IP66 from water projected in powerful jets
- Alternator Field Disconnect (AFD) available in some models



Part Numbers  
9003e and 9004e

#### E Series

- 350 Amps continuous rating for inboard gasoline or diesel engines
- Stud accepts 3/8" (M10) ring terminals
- Fits most Perko and Guest low amperage battery switch hole patterns



Part Numbers  
3002 and 3003

#### HD Series (Heavy Duty)

- Up to 600 Amps continuous rating for large diesel engines
- Studs accept 1/2" (M12) ring terminals
- Fits most Perko and Guest low amperage battery switch hole patterns



Part Numbers  
6006

#### M Series (Mini)

- 300 Amps continuous rating for outboards and small gasoline or diesel engines
- Studs accept 3/8" (M10) ring terminals
- Isolating cover with three snap-in side pieces protects rear contacts, allows wire access in any direction

## Automatic Charging Relays and Solenoid Switches

ORDER ONLINE

### SI-ACR Automatic Charging Relay

- 12/24V DC 120A
- Designed for 12 or 24 Volt systems
- Dual sensing
- Vaporproof
- Hermetically sealed contacts
- Protects sensitive electronics by temporary isolation of house loads from engine circuit during cranking
- 12/24 volt auto ranging voltage input
- Ignition protected—safe for gasoline powered boats
- Supports high-output alternators up to 120A
- Remote LED remotely indicates ACR states (requires optional LED)



Part Number 7610

### ML-ACR Automatic Charging Relays

- Manual override knob provides an added level of safety allowing control with or without power and offering LOCKED OFF capability for servicing
- LED output to remotely indicate switch state—requires optional LED
- 3.8"-16 tin-plated copper studs for maximum conductivity and corrosion resistance
- 7/8" (22mm) stud length accepts multiple cable terminals
- Silver alloy contacts provide high reliability for switching live loads
- Waterproof—rated IP66 from water projected in powerful jets



Part Number  
7620

### L Solenoid - 9012

- 12/24V DC 120A—designed for 12 or 24 Volt systems
- Hermetically sealed contacts; vaporproof
- Ignition protected—safe for gasoline powered boats
- Activated by an ON-OFF switch mounted anywhere
- Integrated coil control minimizes heating and amp draw
- 450 Amp Class



Part Number 9012



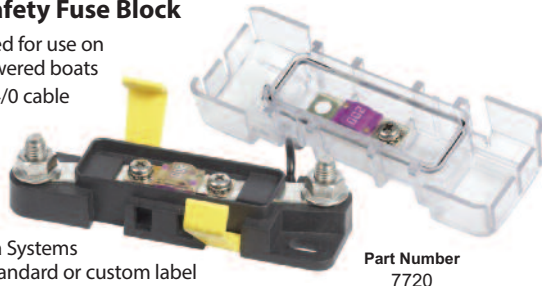


Polar Wire is an authorized distributor for Blue Sea Systems.  
Ask us for a complete product catalog or visit [www.blueseasystems.com](http://www.blueseasystems.com)

**ORDER ONLINE**

### AMI / MIDI Safety Fuse Block

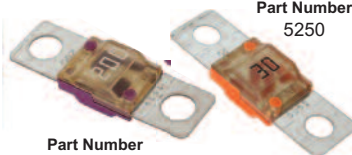
- Ignition protected for use on gas or diesel powered boats
- 200A max with 4/0 cable
- Sealed cover satisfies ABYC/USCG insulation requirements
- Accepts Blue Sea Systems square format standard or custom label
- Cover breakouts allow wire access in any direction
- Fuses sold separately



Part Number 7720

### AMI / MIDI Fuses

- Fast-acting, standard circuit protection device for automobiles and trucks
- Tin-plated connector blades for corrosion resistance
- Visibly indicates blown condition
- Sold in packages of 2



Part Number 5250

Part Number 5260

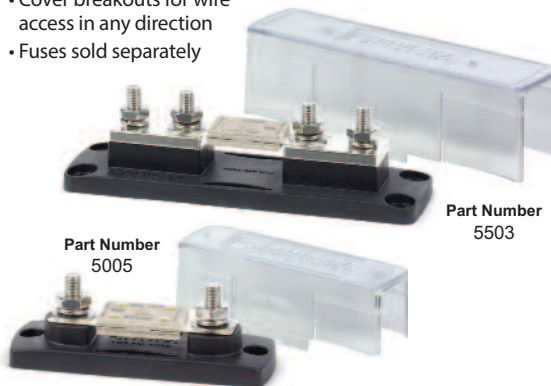
### AMI / MIDI Fuses

Part Number	AMPS	Color
5250	30	Orange
5251	40	Green
5252	50	Red
5253	60	Yellow
5254	70	Black
5255	80	White
5256	100	Blue
5257	125	Pink
5258	150	Gray
5259	175	Tan
5260	200	Purple

## DC Fuse Holders

### ANL Fuse Blocks - 5005, 5503

- **5005** - 35 to 300A, up to 32 Volts DC, wire gauges to 2/0
- **5503** - 35 to 750A, up to 32 Volts DC, wire gauges to 4/0
- Accepts 5/16" (M8) ring terminals
- Swing out design allows replacement of the fuse without removing fasteners
- Stainless steel studs provide resistance to corrosion and high torquing for excellent electrical contact
- UL 94-V0 reinforced polycarbonate base resists high heat
- Insert molded studs ensure secure fuse mounting
- Insulating cover satisfies ABYC/USCG requirements
- Cover breakouts for wire access in any direction
- Fuses sold separately



Part Number 5005

Part Number 5503

## DC Fuse Blocks

**ORDER ONLINE**

### Screw Terminal Blade Fuse Blocks and Covers

- Corrosion resistant, tin plated copper fuse clips reduce heat and improve system efficiency
- 30 amps per circuit
- Can be used for 24-hour circuits
- Cover satisfies ABYC/USCG requirements for insulation; easy to open push button latch provides easy access to fuses; cover stores two spare fuses; label recesses accept Blue Sea Systems Small Format Labels for circuit identification
- Includes write-on circuit labels
- Accepts ATO® and ATC® fast acting blade fuses
- Accepts ring or spade type terminals
- Fuses sold separately

### ST Blade Fuse Block with Cover

Part Number	Description
5025	6 circuits with negative bus
5026	12 circuits with negative bus
5028	6 circuits
5029	12 circuits
5035	6 independent circuits



Part Number 5028

Part Number 5025

Part Number 5026

Part Number 5029

Part Number 5035



## Water Resistant Fuse Panels

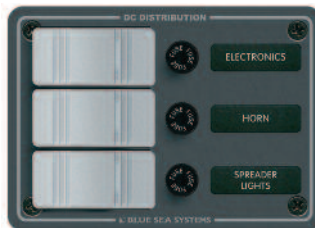
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**ORDER ONLINE**

- Designed for flybridge and open cockpit applications
- Water resistant ON-OFF Contura Switches
- Watertight mounting gasket
- Water resistant fuse holders accept common glass fuses
- Countersunk mounting holes
- Heavy 1/8" aluminum material
- "ON" indicating LEDs embedded in switches
- Two-part polyurethane slate gray finish
- Industry standard height and width
- Mil-Spec chemical treatment protects surface details from corrosion
- Completely wired and ready to install



Part Number 8261



Part Number 8054



Part Number 8053



Part Number 8262

### Water Resistant Fuse Panels

Part Number	Description	Weight
8054	3 Position - vertical	0.60 lbs
8053	6 Position - vertical	0.90 lbs
8262	4 Position - horizontal	0.77 lbs
8261	8 Position - horizontal	1.34 lbs

## DC Toggle Circuit Breaker Panel

**ORDER ONLINE**

- 12/24V DC fully pre-wired 8-position panel
- 5 installed single pole breakers
- "ON" indicating LEDs installed in all circuit positions
- All positive, negative and grounding buses installed
- Detailed installation instructions and cutout template
- Includes 30 common DC labels



Part Number 8023

## Digital Meters

**ORDER ONLINE**

- AC Voltage, Amperage, Frequency, and Watts
- DC Voltage and Amperage
- Easy spin-on mounting system
- Surface or panel mount
- Large bright LED characters are easy to read in low light or at a distance
- Three levels of display brightness
- Direct replacement for analog meters
- Scan mode on Multi-function units
- Low current drain

### Digital Meters

Part Number	Description	Measures Current	Measures Voltage
8235	DC Digital Voltmeter	N/A	Yes
8236	DC Digital Ammeter	Yes	N/A
8248	DC Digital Multimeter with Alarm	Yes	Yes
8251	DC Digital Voltmeter with Alarm	N/A	Yes



Part Number 8236



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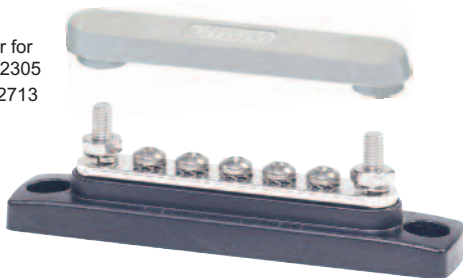
## MiniBus 100 Ampere Common Busbars

**ORDER ONLINE**

- Great for limited space applications



MiniBus Cover for PNs 2304 and 2305  
Part Number 2713



Common 100A Mini Busbar - 5 Gang  
Part Number 2304



Common 100A Mini Busbar Four #10-32 Studs  
Part Number 2305

## 150 Ampere Common Busbars

**ORDER ONLINE**

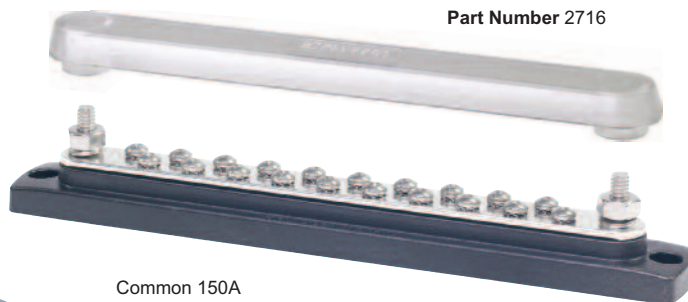
- The industry standard busbar for positive distribution, and for the collection of negative or AC ground circuits

Common Busbar Cover for PN 2302  
Part Number 2716

Common Busbar Cover for PN 2301  
Part Number 2715



Common 150A Busbar - 10 Gang  
Part Number 2301



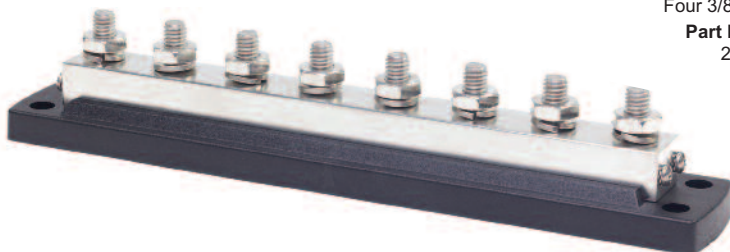
Common 150A Busbar - 20 Gang  
Part Number 2302

## PowerBar 600 Ampere Cable Connectors

**ORDER ONLINE**

- Provides high-ampere busing with 3/8" terminal studs

PowerBar 600A Busbar Eight 3/8"-16 Studs  
Part Number 2107



PowerBar Busbar Cover for PN 2104  
Part Number 2718

PowerBar 600A Busbar Four 3/8"-16 Studs  
Part Number 2104

