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Blue Sea Systems Engineering

Blue Sea Systems designs quality, reliable, and innovative products for the marine industry. The company is comprised of avid boaters with decades of experience in craft ranging from 16' runabouts to sailboats and have years of blue water sailing experience.

The company boat, a 36' express trawler, is used to test Blue Sea Systems products and ideas and improve the products offered. The engineering staff applies their previous experience designing test equipment, medical lasers, high amperage bus systems, circuit breakers, and marine systems to the Blue Sea Systems products they design. This results in the delivery of innovative, reliable products for the marine industry that exceed the quality standards of other companies. Blue Sea Systems in house lab is used to load test and thermal test products to ensure they will perform under marine conditions.



Indigo - Blue Sea Systems Boat



Thermal Testing



Load Testing

Technical Support

The Blue Sea Systems support team and engineers are available to answer questions about products and their applications. Application and technical information is available online at www.blueseasystems.com including product instructions. Access to Blue Sea Systems technical staff, combined with the website, ensure industry leading support for your needs.

Look For Blue Sea Systems Copper Icon (your assurance of genuine copper construction)

Tin-Plated Copper is 250% More Conductive Than Brass

Blue Sea Systems uses tin-plated pure electrical copper where appropriate, rather than the lower cost brass alloys used by some manufacturers. Just as electrical wire is always copper, so are the Blue Sea Systems products to which this wire is attached made with pure CDA 11000 Electrical Grade Copper.



Copper is 250% more conductive than brass. Electrical devices made with copper are capable of handling higher amperages at lower temperatures. Blue Sea Systems tin-plating adds additional performance by protecting the copper from corrosion that can produce poor conductivity at connection points.

Plated brass can look just like tin-plated copper; Blue Sea Systems tin-plated copper icon assures that the product to which it is attached is made of pure electrical grade copper.

Parallel Circuit Mini Switch Battery Management Panels

Now includes the NEW M-Series Battery Switches with ONE PIECE studs that eliminate the need for a securing nut and provide easy access to battery cables

▷ See pages 18-19

Updated Version Available January, 2006



8080



8280



8370

2301 Busbar

Optional snap on insulating cover that attaches to studs, pressed-on busbar that eliminates the need for a securing nut, and unobstructed wire access

▷ See pages 106, 108

Updated Version Available January, 2006



2301 (cover not included)

ANL Light Fuse Block

Now includes a NEW snap on insulating cover that attaches to studs, NEW swing out design that allows replacement of fuse without removing fasteners, and unobstructed wire access

▷ See page 35

Updated Version Available January, 2006



5005

Sea Fuse Block

Now includes a NEW snap on insulating cover that attaches to studs and unobstructed wire access

▷ See page 34

Updated Version Available January, 2006



5001

Look For **UPDATED PRODUCT** Throughout

M-Series Battery Switches (Mini)

Redesigned popular Mini Battery Switch with ONE PIECE studs, new front panel mounting option, and three new switch configurations

- Case design allows front panel, rear panel and surface mounting
- Removable knob or key remains positively retained at all times
- Ideal for marine or RV applications

▷ See pages 12-13

Note: 6005 replaces 9005
6006 replaces 9006

Available January, 2006



6005
Single Circuit
ON/OFF



6006
Single Circuit
ON/OFF



6007
Selector



6011
Dual Circuit Plus™



6010
Dual Circuit

E-Series Battery Switches

New DUAL CIRCUIT PLUS™ simplifies switch operation and reduces the risk of a dead Start battery

- Keeps House and Start battery banks isolated while there is current flow from both battery banks
- The BOTH function offers the ability to combine two battery banks in the event of a low Start battery
- Luminous label for low light reading

▷ See pages 14-15

Available January, 2006



5511E
Dual Circuit Plus™



5510E
Dual Circuit

HD-Series Battery Switch (Heavy Duty)

New Heavy Duty SELECTOR Battery Switch

- Up to 600 Ampere Continuous Rating for large diesel engines, high power output, and low heat generation
- M12 (1/2") Tin-plated copper studs for maximum conductivity and corrosion resistance
- Luminous label for low light reading

▷ See pages 16-17



3002-3003
Selector

L-Series Solenoid Switches

New 250 Ampere class, 12 or 24 Volt

- Ignition protected - Safe for installation aboard gasoline powered boats
- Functions as a remote battery switch
- Noise free circuitry will not interfere with other devices

▷ See page 22

Available January, 2006



5301 - 12 Volt
5302 - 24 Volt

WeatherDeck™ Water Resistant Circuit Breaker Panels

New WeatherDeck™ Circuit Breaker Panels designed for flybridge and open cockpit applications

- Easy to identify tripped circuit breakers
- Bi-colored LEDs illuminate circuit labels to quickly identify “OFF” or “ON”
- Each panel can be mounted in four different orientations

▷ See pages 48-49

Available January, 2006



4374



4376

Dual Battery Main Distribution Panels

For dual battery, single engine systems to manage all DC Main circuit demands including 24 hour circuits in one panel

- Provides main DC circuit protection in addition to high ampere loads
- Simplifies battery switch operation
- Discharges batteries independently

▷ See page 20

Available January, 2006



8686



8690

Triple Battery Main Distribution Panels

For triple battery, twin engine systems to manage all DC Main circuit demands including 24 hour circuits in one panel

- Provides 24 hour circuit protection
- Simplifies battery switch operation
- Discharges batteries independently

▷ See page 21

Available January, 2006



8689



8693

Rocker Circuit Breakers (Small Case 2" and Large Case 2.5")

Two new modern FLAT actuator designs, including a version with a built-in reset SLOT

- Highly resistant to accidental switching
- International ON/OFF symbols for vertical or horizontal mounting
- Mounting aperture can accommodate breakers from 5A to 250A

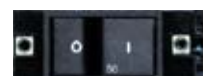
▷ See pages 33, 42, 43, 73



7433 Small Case



7450 Large Case



7408 Small Case

Look For **NEW PRODUCT** Throughout