BLUE SEA® SYSTEMS

NEW

Battery Mount SWITCHES

150 Amps continuous rating for smaller outboard boats and vehicles with limited space

Battery Terminal Stud Mount - 5990

- Mounts to positive or negative battery stud
- Tin-plated copper bus for maximum conductivity and corrosion resistance
- 3/8" mounting hole for either positive or negative terminal stud mounting
- Stainless steel stud accepts 5/16" (8 mm) ring terminals
- One-piece terminal stud never loosens over time
- One-piece stainless flange nuts ensure safe and secure connections
- Safe for installation in gasoline engine compartments
- Includes two insulating boots

Battery Post Mount - 5991

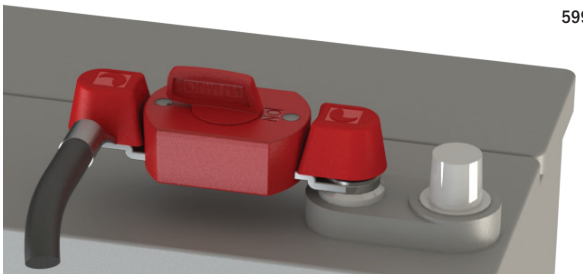
- Mounts to negative battery post
- Tin-plated brass bus for increased conductivity and corrosion resistance
- Clamp design fits Standard DIN negative post
- One-piece design cast busses ensure secure connections
- Safe for installation in gasoline engine compartments

5990

CE

IGNITION PROTECTED

5990 Insulating boots



5990 with Insulating boots

5991

CE

IGNITION PROTECTED

TECH tip

Battery Terminal-Mount Switches Explained

Blue Sea Systems battery terminal-mount switches mount directly to the battery. The Battery Terminal Stud Mount switch (PN 5990) has a tin-plated copper bus with a 3/8" mounting hole that can be used for either positive or negative terminal stud mounting. The Battery Post Mount switch (PN 5991) utilizes a clamp that is designed to mount only on the negative tapered DIN post.

Many marine applications follow the American Boat and Yacht Council (ABYC) product safety standards. The ABYC's marine electrical standard E-11.6.1.2.2 states that "a battery switch shall be installed in the positive conductor(s) from each battery or battery bank with a CCA rating greater than 800 amperes or 100Ah if CCA is unavailable." ABYC also states that the battery switch shall be mounted as close as practical to the battery. The 5990 switch easily adheres to both these requirements as it mounts directly to the positive battery terminal. Since the 5990 switch can be utilized on the positive conductor, it comes with two insulating boots to ensure safety, which is also an ABYC requirement.

In automotive applications it is common for the battery disconnect to be installed on the negative terminal. This prevents accidental shorts between the positive terminal and ground as the negative terminal is commonly grounded to the vehicle's chassis. For this reason, the 5991 switch only connects to negative tapered DIN posts, which are common in automotive batteries. The 5990 can also be utilized if the battery has a threaded stud.

Both switches have tin-plated buses for enhanced corrosion resistance and are IP54 water-resistant, providing protection from splashing water. Typical battery-mount switches may spark when activated, which is a fire hazard when installed in gasoline engine compartments or propane lockers. Blue Sea Systems Battery Mount Switches are ignition protected providing the ultimate peace of mind.

BATTERY MOUNT SWITCHES

Specifications

Cranking Rating: 30 sec.	450A
Intermittent Rating: 5 min.	225A
Continuous Rating	150A
Voltage Max. Operating	32V DC

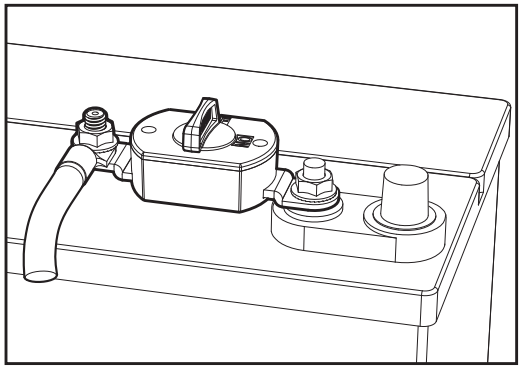
Regulatory

CE marked for ignition protection, Meets ISO 8846 and SAE J1171 external ignition protection equirements.
IP54 - protected against water splashed in all directions

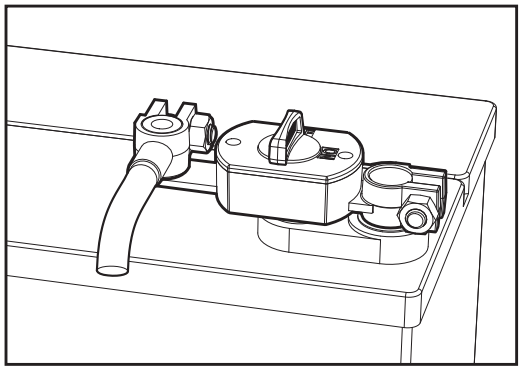
Guarantee

Blue Sea Systems stands behind its products for as long as you own them. Find detailed information at www.bluesea.com/about. For customer service, call 800.222.7617.

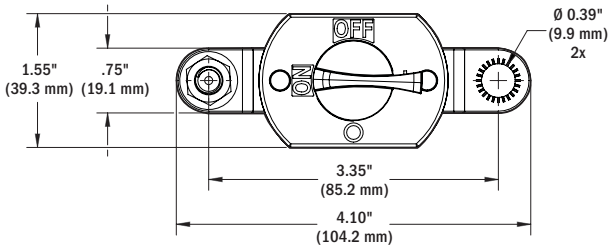
PN	Description	Mounting
5990	Battery Terminal Stud Mount	5/16" or 3/8" Threaded Stud
5991	Battery Post Mount	Negative Battery Post

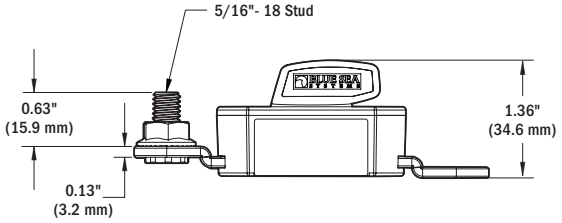


5990 Mounted to Threaded Stud



5991 Mounted to Negative Battery Post





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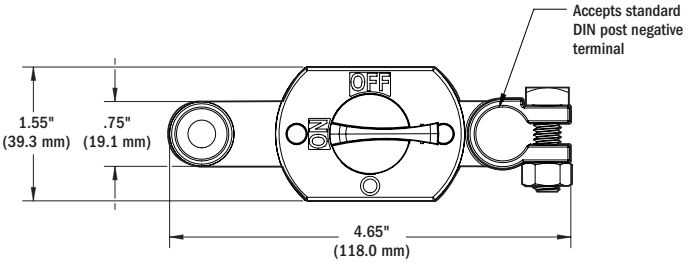

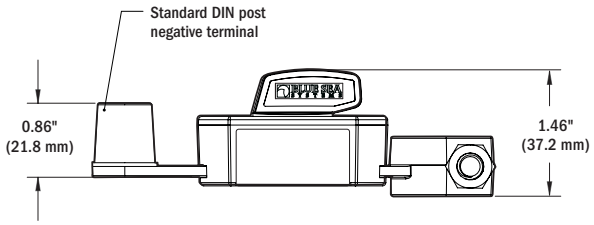

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