**Overview of Application**

The ML-Series Remote Battery Switch (ML-RBS) provides high-current carrying and switching under load. The ML-RBS should be installed close to the battery to minimize voltage drop to the ML-RBS. Install a single pole double throw (SPDT) or single pole single throw (SPST) control switch in a convenient location near other electrical controls or companionway to allow quick access in the event of an emergency (see Illustration on reverse).*

* Although a SPST switch may be used if desired, use of a SPDT switch improves immunity to inadvertent switching if the switch terminals become damp.

### Remote Operation

- **ON**
  - To connect battery bank to load, or combine battery banks, press remote switch "ON".
  - Remote Control Switch LED: **ON**
  - ML-RBS Relay State: Remote Enabled ON (closed)
  - Remote Control Switch LED: Auto releasing

- **OFF**
  - To disconnect battery bank from load, or isolate battery banks that are connected, press remote switch "OFF".
  - Remote Control Switch LED: **OFF**
  - ML-RBS Relay State: Remote Enabled OFF (open)
  - Remote Control Switch LED: Auto releasing

### Manual Override Operation

- **ON**
  - To manually disconnect battery bank from load, or isolate battery banks that are connected, rotate manual override knob to the right.
  - Remote Control Switch LED: LED double blinking
  - ML-RBS Relay State: Manual Override LOCKED-OFF (open)

- **OFF**
  - To manually connect battery bank to load, or combine battery banks that are connected, rotate manual override knob to the left then push down until latched.
  - Remote Control Switch LED: LED double blinking
  - ML-RBS Relay State: Manual Override ON (closed)

- **OFF**
  - To restore remote switching, manually set the RBS in the "Remote Enabled OFF (open)" position and push remote switch "OFF".
  - Remote Control Switch LED: LED OFF
Installation Instructions

Mounting
Install as close as possible to battery bank. To avoid corrosion to connecting wires and terminals, mount in a dry and protected location. Avoid mounting directly above vented lead acid batteries so that the Remote Battery Switch is not exposed to corrosive gasses expelled from the batteries.

High Current Primary Circuit Connections (stud terminals A and B)
For help selecting the appropriate wire size and circuit protection rating, go to www.bluesea.com and click the Circuit Wizard quick link.

NOTE: Stud terminals A and B are interchangeable. A battery connection is required on one terminal for device operation.

To connect high current circuit wires:
1. Connect the battery bank to one of the stud terminals marked A or B.
2. Connect the load to the other stud terminal marked B or A.
3. Torque the high current terminal stud nuts to 140 in-lbs (15.5 N•m) maximum.

NOTE: If switching an inverter, windlass, bow thruster, etc., the circuit wires must have circuit protection to comply with ABYC guidelines. Wires used for engine starting do not require circuit protection.

Control Circuit Connections (wires contained in the wire harness)
NOTE: The Remote Battery Switch is designed to be controlled by a SPDT or SPST switch. Use minimum 16 AWG wire for the Control Circuits. For help selecting the appropriate wire size for the load cables, go to www.bluesea.com and click the Circuit Wizard quick link.

To connect the SPDT Remote Control Switch 2155:
1. Connect pin 3 and pin 8 to +12V or +24V Power available when Remote Battery Switch is OFF. (fused)
2. Connect the red control wire to switch pin 2.
3. Connect pin 7 to yellow wire.
4. Connect pin 1 to ground or negative.

Guarantee
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For customer service, call 800-222-7617.