

## Solenoid Remote Battery Switch

9805-7713 / 12VDC

### Features

Parts # 9805-7713 / 12VDC

- Solenoid Latching: draws very low current continuous.
- Silver Alloy Contacts provide high reliability for switching loads.
- Manual control override knob: allowing control with or without power, offering LOCK OFF / REMOTE capability.
- LED output indicate the switch state .
- Tin-Plated copper studs for max. conductivity and corrosion resistance.

### Specification

Contact Circuit Voltage	16V DC Max.
Amp Operating Current	2mA continuous 7A changing state (20mS)
Terminal Stud Size	3/8" - 16
Terminal Stud Torque	140 in-lb(15.8 N•m) max.
Ring Dia. Clearance	1.18" (30mm)
Live Current Switching	10,000 @ 12V, 300A 10,000 @ 24V, 150A 2,000 @ 48V, 100A
SMechanical Switching	10,000 Cycles
Remote Switch	SPDT/SPST ON-ON
Regulatory Meets	ISO 8846, SAE J1171, CE, IP66

### Wire Size & Current Ratings

Wire Size	Cracking 30 sec.	Intermittent 5 Min.	Continuous (UL 1107)
2/0 AWG (70mm <sup>2</sup> )	1,000A	400A	225A
4/0 AWG (120mm <sup>2</sup> )	1,100A	400A	300A
2x4/0 AWG (2x120mm <sup>2</sup> )	1,450A	700A	500A

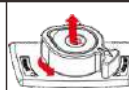
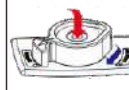
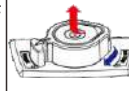
### Installation

- **Mounting:** Install as close to battery bank, mount in a dry and protected location, .
- **Connection:** Stud terminals A and B are interchangeable. A battery connection is required on one terminal for device operation.  
**NOTE:** The circuit wires must have circuit protection to comply with ABYC guidelines if switching an inverter, windlass, bow thruster, etc., Used for engine starting do not require !
- **Remote:** control by a SPDT or SPST switch, Use minimum 16 AWG wire for wiring.
- **Wiring:**
  1. RED : control wire to switch pin #2
  2. BLACK : connect remote switch pin #1 to ground or negative.
  3. YELLOW : Connect remote switch pin #7
  4. Remote switch : connect pin #3 and pin #8 to +12VDC

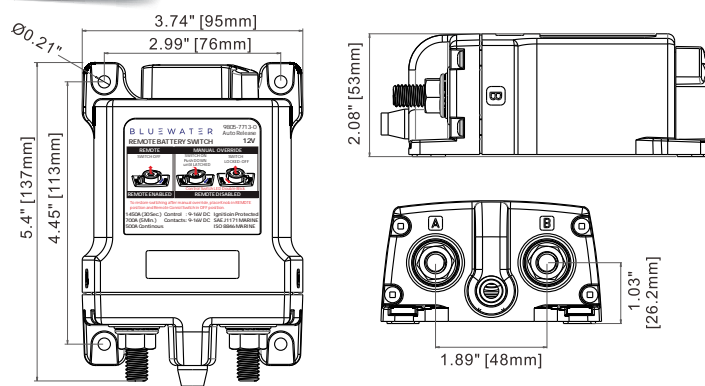
### Operation

- **Remote:** The remote switch SPDT or SPST ON-ON switch quick access in the event of an emergency remotely.
- **ON:** Depress remote switch actuator to "ON"  
**LED ON** from remote switch .  
Connect battery bank to load or combine banks.
- **OFF:** Depress remote switch actuator to "OFF"  
Disconnect battery bank from load or isolate battery banks that are connected.  
**LED OFF** from remote switch .

### Manual / Override

To disconnect battery bank from load, or isolate battery banks that are connected.	Rotate the Knob to right to release button from Latch On mode. <b>LED double blinking</b>	
To connect battery bank to load, or combine battery bank.	rotate manual override knob to left then push down until latched. <b>LED double blinking</b>	
To restore remote switching manually "Remote Enabled OFF (open)" and push remote switch "OFF"	Set "Remote Enabled OFF (open)" and push remote Switch "OFF" <b>LED OFF</b>	

### Dimension



### Wiring

