

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 ²)	1,000A	400A	225A
4/0 AWG (120mm ²)	1,100A	400A	300A
2x4/0 AWG (2x120mm ²)	1,450A	700A	500A

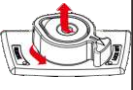
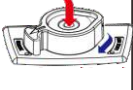
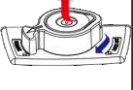
Installation

- ▶ **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 from 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

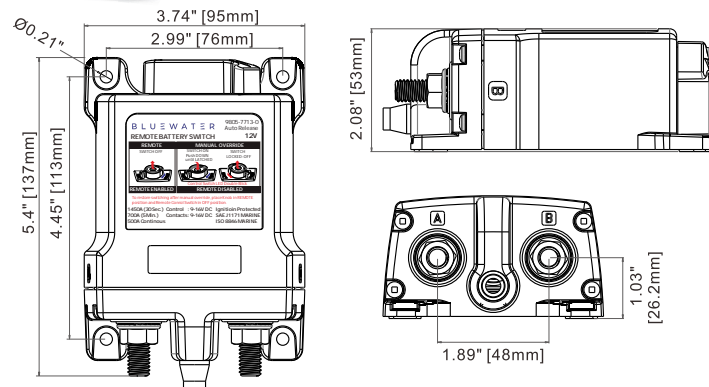
Operation

- ▶ **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. LED double blinking	
To connect battery bank to load, or combine battery bank.	rotate manual override knob to left then push down until latched. LED double blinking	
To restore remote switching manually "Remote Enabled OFF (open)" and push remote switch "OFF"	Set "Remote Enabled OFF (open)" and push remote Switch "OFF" LED OFF	

Dimension



Wiring

