

## EZ Mount Selector Battery Switch

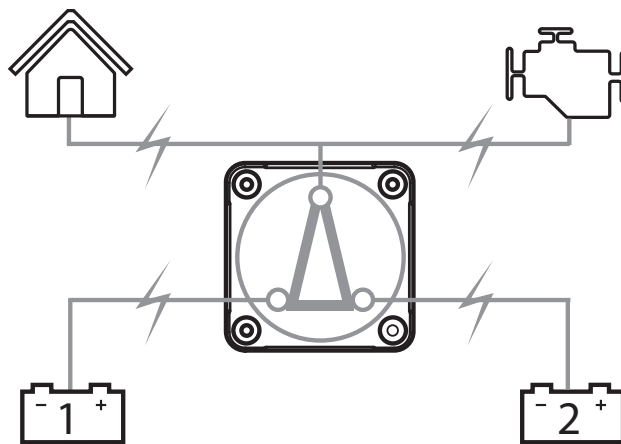
771-S-EZ 400A EZ Mount Selector (Retail Packed)

771-S-EZ-B (Bulk Packed)

As easy to mount as 1, 2, 3, these revolutionary battery switches allow you to wire from the front.

1. Fit base
2. Add wiring
3. Clip on actuator

With their shared interconnection height, EZ-Mount Selector battery switches “cluster” directly with the Pro Installer Busbar Range, resulting in the fastest, most compact installations. All ratings, footprints and construction of the EZ-Mount Selector switches match the high quality of our standard switches.



## Features & Benefits:

- Easiest surface mounting, saves installation time and cost
- Front access studs match Pro Installer Busbar range interconnection height for direct linking and most compact mounting footprint
- Actuator assembly can be fitted at any 90 degree angle for optimal cabling flexibility
- Removable knob for isolation/safety
- Includes back cover and three side panels for security and cable protection
- Designed to withstand harsh marine environments
- High temperature reinforced plastics

## Specifications:

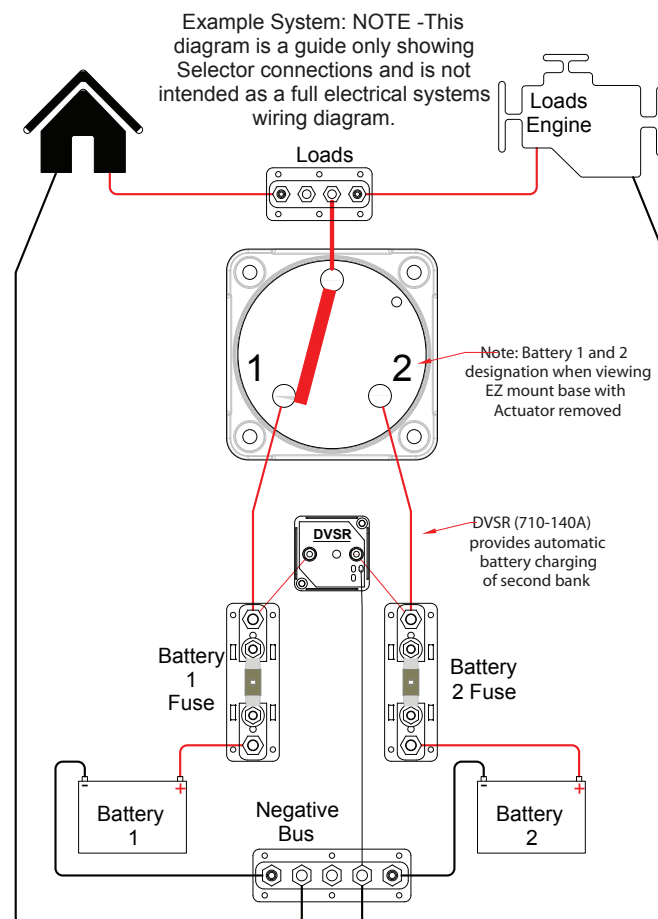
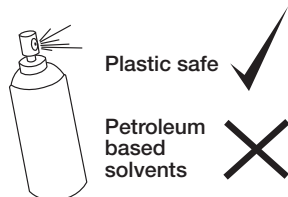
- Continuous rating: 400A\*
- Intermittent rating (5 minutes): 600A\*
- Cranking rating (10 seconds): 1500A\*
- Connection stud size: M10 (3/8")
- 12-48V DC
- IP66 – protection from powerful water jets
- Ignition protected
- Independently tested to meet UL1107 standards
- CE

\* Electrical ratings achieved using cable size 120mm<sup>2</sup>

## Installation Instructions: IMPORTANT!

Read before installing

- It is recommended that electrical terminations and connections are carried out by a marine electrical technician.
- These battery switches are for isolation purposes and are not designed for switching under load.
- Ensure there are no circuits with high inductive loads directly connected to the switch in order to prevent any sudden in-rush of current which may cause damage to the switch.
- Although specially selected chemical resistant materials have been used, we recommend that for maximum product life only plastic safe corrosion inhibiting sprays are used.
- Ensure all cables are sized correctly for the loads they carry. Please refer to [www.bepmarine.com](http://www.bepmarine.com) to calculate correct cable sizes.
- Ensure all electrical connections are correctly tightened to prevent any damage to the battery switch.
- **WARNING:** Do not switch battery switch to off position while the engine is running.



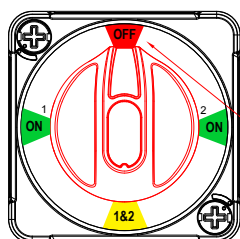
## EZ Mount Installation (Surface Mount Only)

1. Disconnect battery positive leads at the batteries for safety
2. Choose mounting location on a flat surface close to the batteries
3. Select pan head (or similar) screws for mounting - use either M5 or 10g imperial (not included)
4. With Actuator removed, use the switch base as a mounting template to mark the hole positions. (See separate instructions for Actuator removal/fitting)
5. Drill holes and screw switch base into position
6. Connect cables to studs ensuring that batteries and loads are correctly fitted

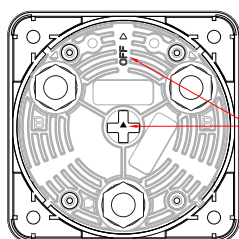
7. Ensure cables are secured to ISO/ABYC standards, and that cables are supported so they are not placing unnecessary strain on the battery switch studs
8. Check that spring washers are fitted beneath nuts
9. Tighten the stud nuts to 13.5 Nm (10 lbf)
10. Slot the side panel(s) into the Actuator as required
11. Replace Actuator, ensuring that both switch base and Actuator are both in their "OFF" positions
12. Lock the Actuator fastening screws
13. With switch in "OFF" position connect battery positive leads at battery
14. Check switch operation

## Removal of Actuator (always remove, and replace the Actuator with knob in the "OFF" position):

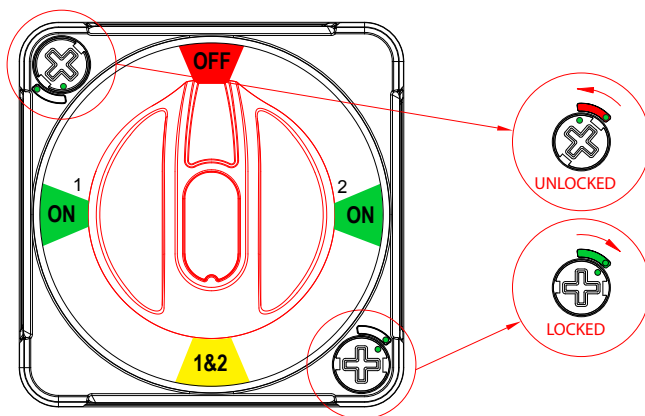
1. Ensure knob is on "OFF" position
2. Undo light grey fastening screws by rotating 45 degrees anticlockwise
3. Remove Actuator



Always remove & replace Actuator with knob in the "OFF" position



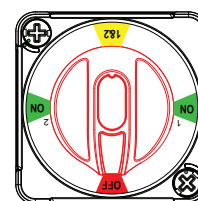
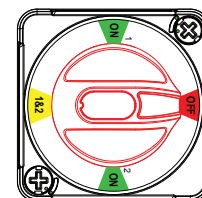
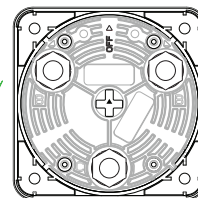
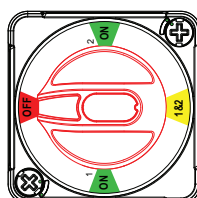
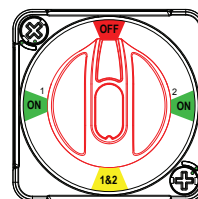
Off Position For Switch Base, When Arrow On Shaft Points At "OFF" position



## Replacement of Actuator (always remove, and replace the Actuator with knob in the "OFF" position)

1. Check that switch contact shaft (on base) hasn't been rotated, and that arrow on base shaft is pointing towards "OFF" engraving
2. Ensure that light grey fastening screws are in the "unlocked" position
3. Ensure that Actuator knob is rotated to the "OFF" position
4. Note that Actuator can be fitted at any position 0/90/180/270 to suit electrical cabling
5. Replace Actuator

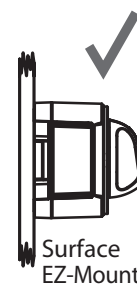
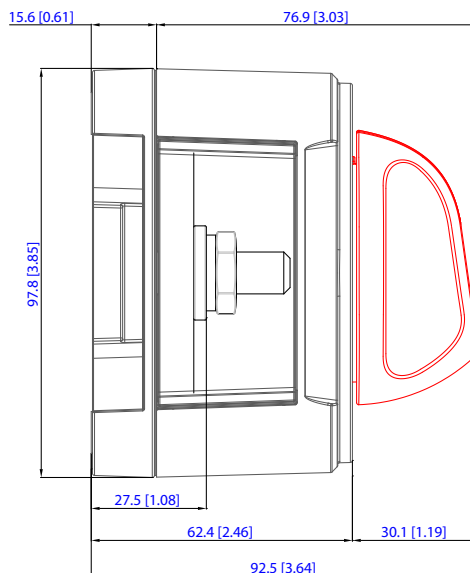
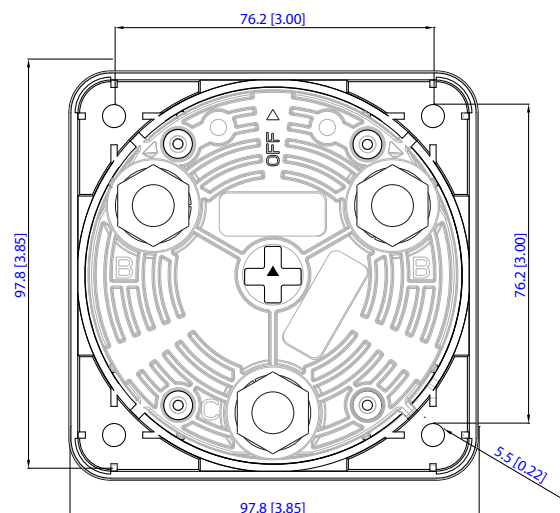
Fit Actuator at 0, 90, 180, or 270 degrees to suit cabling



## Check switch operation:

- a. Loads have no voltage in "OFF" position
- b. Loads have voltage from battery 1 in "1 ON" position
- c. Loads have voltage from battery 2 in "2 ON" position
- d. All connections are paralleled in "1&2" position

## Dimensions:



Surface EZ-Mount



Rear Panel Mount



Front Panel Mount