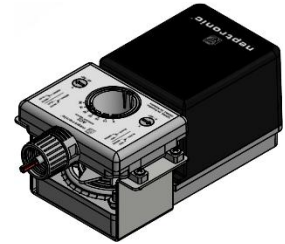


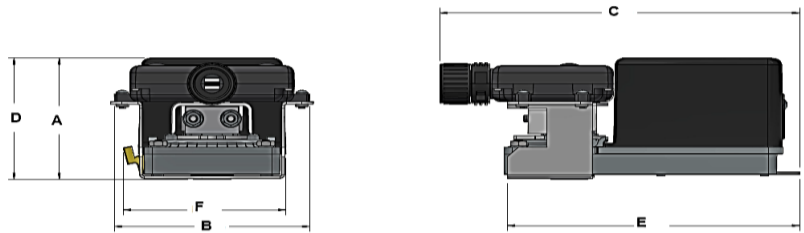
### Models

AC2-B: Auxiliary switches for B, D, and S actuators.

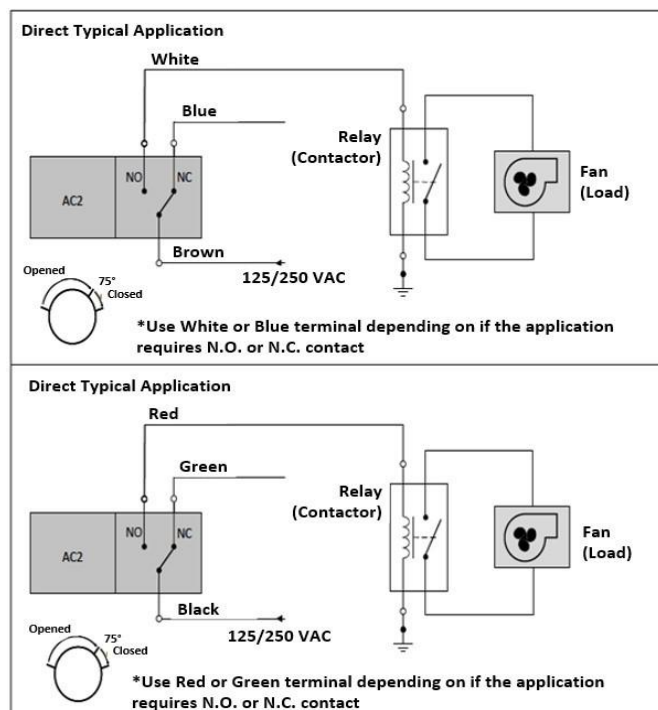


AC2-B

### Technical Specification

Description	AC2-B
Actuator Compatibility	Neptronic B, D, and S series actuators
Power Supply	125VAC, 5A Resistive or 250VAC, 3A Resistive
Electrical Connection	Cable 39.5" (1m), 6 x 18AWG, FT1 with ½" conduit connector
Purpose and Action of Control	Type 1 operating control
Construction of Control	Independently mounted, accessory
Pollution Degree	2
Impulse Voltage	4000V
Dimensions	 <p> A = 3.2" (81mm)  B = 4.3" (109mm)  C = 8.0" (203mm)  D = 3.2" (81mm)  E = 6.5" (165mm)  F = 3.6" (91mm) </p>

### Wiring Diagram

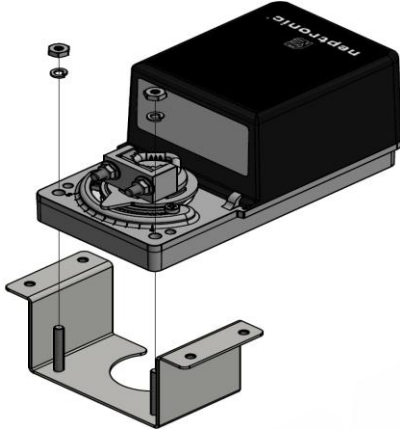


*\*The auxiliary switch comes factory preset: 10° - 80°*

### Mounting Instruction

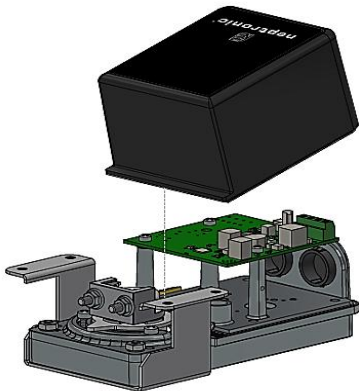
#### Step 1: Bracket Installation

1. Insert the PEM studs through the designated holes on the front of the actuator.
2. Secure the bracket in place using lock washers and nuts (supplied) on both PEMs



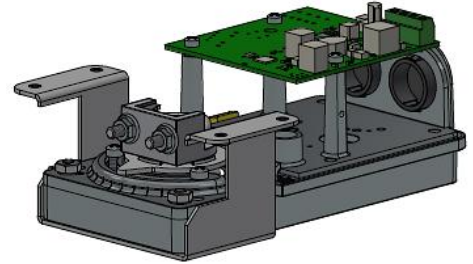
#### Step 2: Remove Cover

Once the bracket is secured, remove the actuator cover to access the internal electronics.



#### Step 3: Wiring and DIP Switch Configuration

1. Connect the control cable to the appropriate terminal.
2. Adjust the DIP switch settings as required

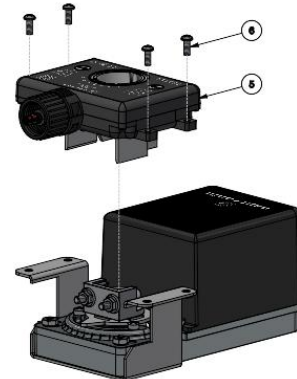


#### Step 4: Reattach Cover

Position the cover so that screw holes align with the housing.

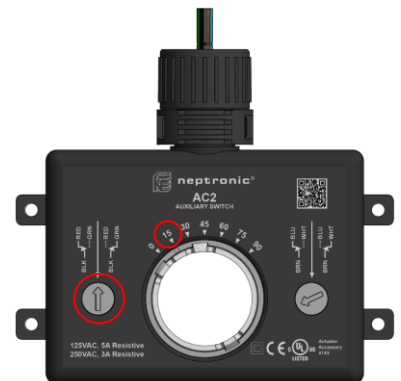
#### Step 5: Mount Auxiliary Switch

1. Using the four screws (supplied), secure the auxiliary switch onto the bracket.
2. Ensure that the auxiliary adaptor is properly aligned with the actuator adaptor.



### Actuator Positioning

1. Turn the dial on the auxiliary switch to the desired position for the actuator lower contact.
2. Using a flathead screwdriver, turn the left arrow on the auxiliary switch so that the arrowhead is aligned with the arrow on the wiring diagram.
3. Turn the dial on the auxiliary switch to the desired position for the actuator's upper contact.
4. Using a flathead screwdriver, turn the right arrow on the auxiliary switch so that the arrowhead is aligned with the arrow on the wiring diagram.



Recycling at end of life: please return this product to your Neptronic local distributor for recycling. If you need to find the nearest Neptronic authorized distributor, please consult [www.neptronic.com](http://www.neptronic.com).