



P-047550-0930  
Issue 2

## INSTRUCTIONS FOR Catalog Numbers 502A and 503A DOOR SWITCHES

### DESCRIPTION

The catalog numbers 502A and 503A Door Switches are all purpose electric door switches for indoor use on sliding or hinged doors in locations like closets, darkrooms, walk-in refrigerators and the like. The 502A switch contains a normally-closed contact so that the circuit will be ON when the door is open (switch not depressed). The 503A contains a normally-open contact in which case the circuit will be OFF when the door is open.

### ELECTRICAL SPECIFICATIONS

Catalog Numbers	AC Voltage	AC Amps
502A and 503A	120	6

### CAUTION

Ensure that power is disconnected before installing the door switch.

### INSTALLATION

These door switches come with a faceplate/door switch assembly, a backbox with four knockouts, two #6 x 1/4" flat head screws, four wood screws, and a ground screw.

Two wire nuts are required but not supplied.

#### Install as follows:

- 1) Select a mounting location for the door switch. Remove the appropriate knockout (for incoming wires) from the backbox. Install the backbox using the four wood screws.
- 2) Feed the incoming 120Vac power lines, and ground wire through the knockout hole and into the backbox.
- 3) Secure the ground wire to the back wall inside the backbox using the ground screw. Connect the two wire leads coming from the door switch assembly to the 120Vac power lines using wire nuts.
- 4) Push the connected wires into the backbox.
- 5) Attach the face plate to the backbox using the two #6 flat head screws.

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