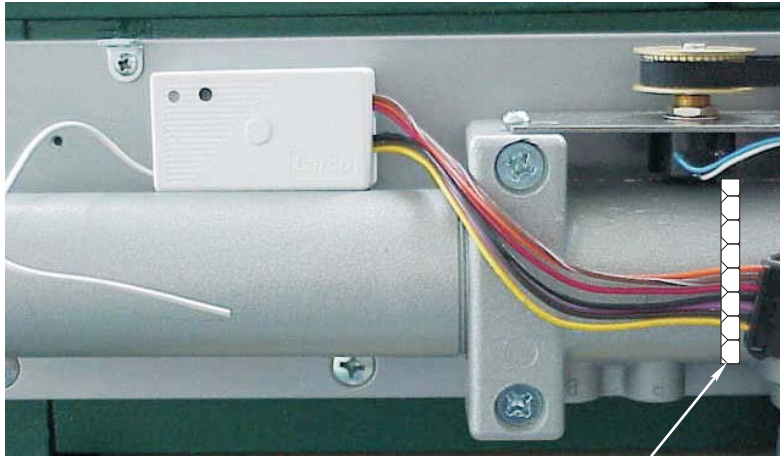


### Installation Instructions

80-9369-0687-020 Rev A

### 433MHz RF1 Kit

### List No. 687



Placement of 433MHz Receiver

← Cable Tie 8-1/2"

1. Attach to backplate in location shown with velcro strips provided.
2. Use 8-1/2" cable tie to secure RF wiring harness to closer body as shown.
3. Use 4" cable ties to secure remaining length of RF wiring to existing unit wiring.
4. See wiring diagram on page 2 for point to point connections.
5. See Receiver Programming instructions below.

### Programming Transmitter(s) Into Receiver Memory

The receiver can learn up to 12 transmitters. Follow the directions below to store a transmitter's code into the 433MHz receiver located on the door operator.

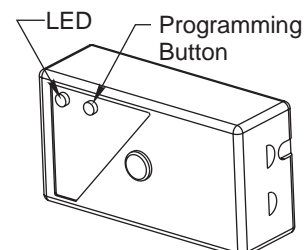
1. Door operator should have input power turned on. Confirm LED on receiver is flashing red.
2. Press receiver's programming button for less than 2 seconds and release. Receiver LED changes from blinking red to solid green.
3. Press and release the momentary contact (normally open) switch of a 433MHz transmitter once. Verify receiver's LED changes to solid red. Receiver is now learning the transmitter's code.
4. Wait a few seconds and press and release the same button as in step 3 a second time. The receiver's LED will blink green several times indicating it is ending its learning procedure. When it is ended, the receiver LED should resume blinking red.

### Deleting All Transmitters from Receiver Memory

You can clear the receiver memory of all previously learned transmitters.

1. Press the receiver's programming button for more than 8 seconds until the receiver's LED starts blinking green. Release the programming button. The LED should now be blinking red.
2. The receiver's memory is now cleared. To learn new transmitters, follow the steps for programming transmitters into the receiver's memory.

### 433MHz Receiver



# 433 Radio Frequency Function Options

## Operation:

### Option 1.

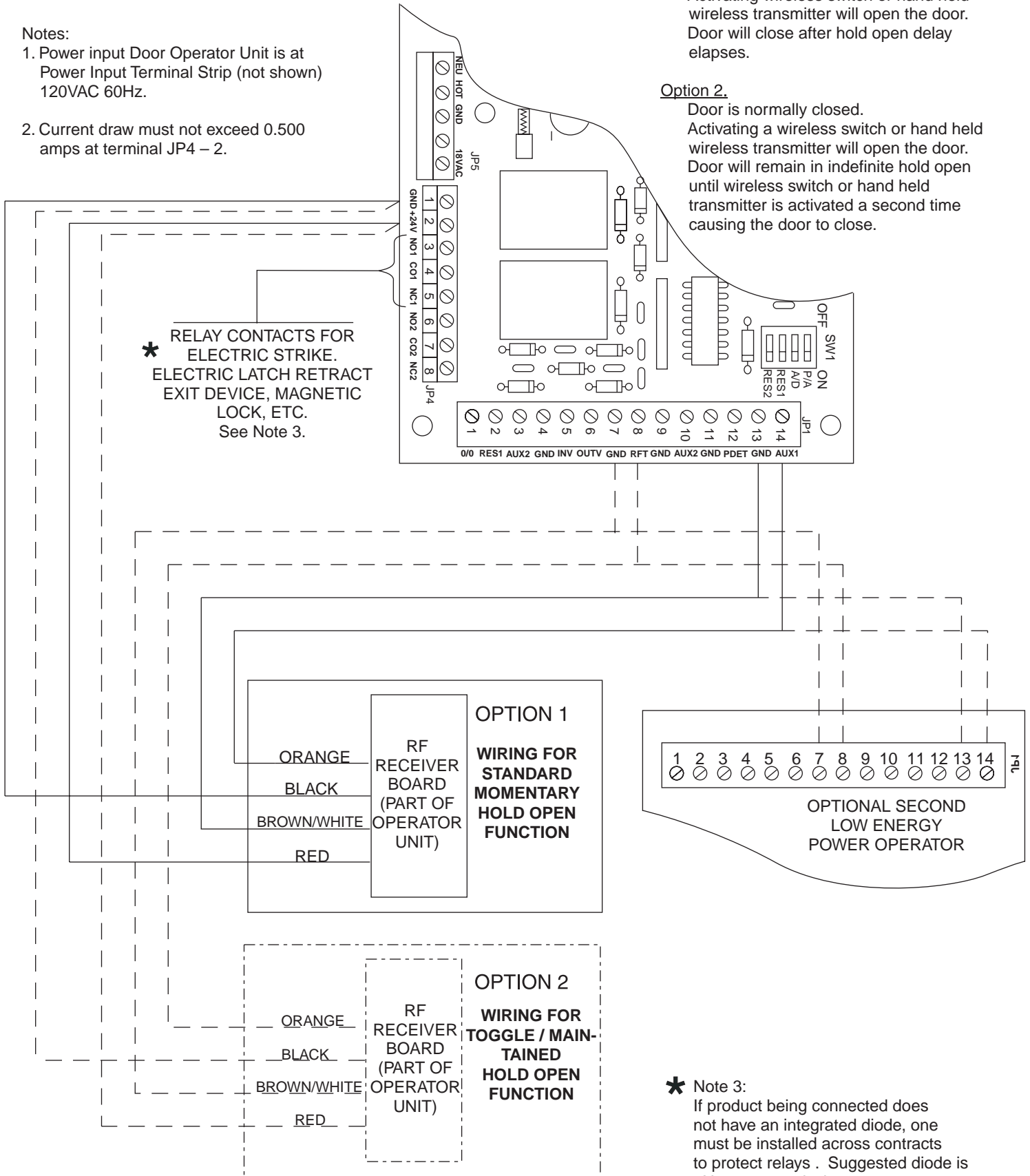
Door is normally closed.  
Activating wireless switch or hand held wireless transmitter will open the door.  
Door will close after hold open delay elapses.

### Option 2.

Door is normally closed.  
Activating a wireless switch or hand held wireless transmitter will open the door.  
Door will remain in indefinite hold open until wireless switch or hand held transmitter is activated a second time causing the door to close.

## Notes:

1. Power input Door Operator Unit is at Power Input Terminal Strip (not shown) 120VAC 60Hz.
2. Current draw must not exceed 0.500 amps at terminal JP4 – 2.



\* Note 3:  
If product being connected does not have an integrated diode, one must be installed across contacts to protect relays. Suggested diode is 1N4001 or equivalent.  
See pages 9 - 11 for illustration of use.