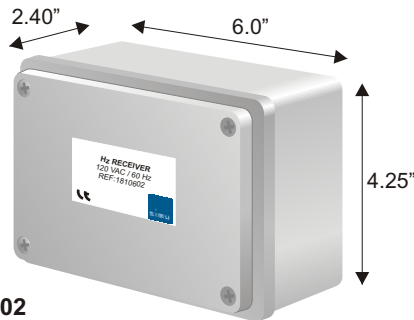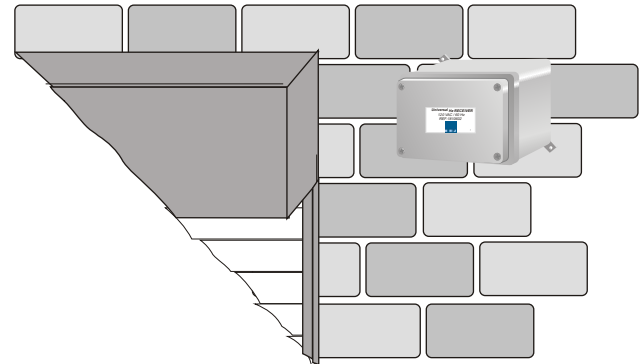## DESCRIPTION

The UL Listed **Universal Hz Receiver** allows control of any standard 120VAC (non-Hz) T5, T6 or T8 motor from any of the Hz handheld or wall switch wireless transmitters. Packaged in an outdoor weatherproof box, the **Universal Hz Receiver** includes an on board installer test switch. In addition to allowing standard motors to be incorporated into a Hz motor system, the receiver can be programmed with two intermediate stop positions.

2.40"   6.0"

Hz RECEIVER
120 VAC / 60 Hz
REF:1810602

4.25"

Reference No: 1810602

INSTALLATION

1) Mount the **Universal Hz Receiver** as close to the motor as possible. Avoid mounting the receiver on metallic surfaces as this will reduce the range. If mounted outside, make sure to use the watertight strain reliefs and mount the box so the strain relief fittings face downward to avoid rain seepage.

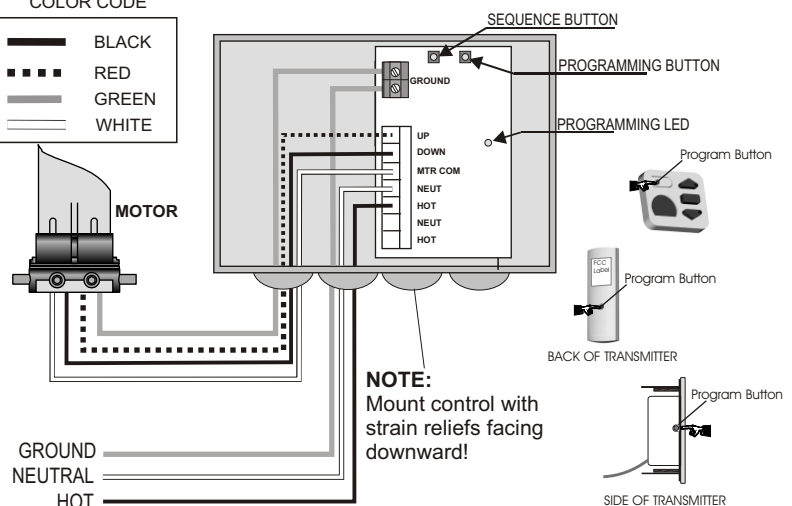## WIRING & INITIAL PROGRAMMING

NOTICE: For installation by a qualified electrician in accordance with national and local electrical codes and the following instructions.

1) CAUTION: RISK OF ELECTRICAL SHOCK. Disconnect power before installing. Never wire energized electrical components. Turn the power on after the wiring is complete.

2) If using a multi channel transmitter, *make sure the transmitter is on the channel you want* the **Universal Hz Receiver** to respond to.

3) Press and hold the programming button on the **Hz Receiver** until the motor jogs (about 2 seconds) and release it.

4) Press the programming button on the transmitter and the motor will jog

5) The **Hz Receiver** should now respond to the transmitter. If the motor runs in the wrong direction when activated from the transmitter, turn off power to the **Hz Receiver** and reverse the red and black motor leads.

COLOR CODE

———	BLACK
• • • •	RED
———	GREEN
———	WHITE

SEQUENCE BUTTON
PROGRAMMING BUTTON
GROUND
PROGRAMMING LED
UP
DOWN
MTR COM
NEUT
HOT
NEUT
HOT
Program Button
MOTOR
Program Button
FCC Label
BACK OF TRANSMITTER

NOTE:
Mount control with strain reliefs facing downward!

GROUND
NEUTRAL
HOT

Program Button
SIDE OF TRANSMITTER

OPERATING INSTRUCTIONS

1) Pressing the up or down button on the transmitter will start the motor in the selected direction.

2) The motor can be stopped at any point by pressing the center (stop) button on the transmitter.

3) If the motor is stopped at the top limit, pressing the center button on the transmitter will move the motor to the one of the programmed intermediate stops. Pressing the center (stop) button when the motor is stopped at the bottom limit will cause the motor to move to the other intermediate stop.

SEQUENCING TEST BUTTON

1) The motor can be tested using the sequencing test button located on the receiver board. Each press of the button will switch the motor in the next step in the sequence. (up, stop, down, stop,....)

ADD/REMOVE TRANSMITTERS

1) To add a new transmitter, press the programming button of The already memorized transmitter for more than 2 seconds. The motor will jog. Press the programming button on the new transmitter. The motor will jog again. That transmitter has now been memorized by the receiver

2) To delete a transmitter from the memory of the receiver, press the programming button on another memorized transmitter for about 2 seconds until the motor jogs. Press the programming button on the transmitter you want to delete and the motor will jog. That transmitter has now been deleted.

3) To delete all transmitters from the **receiver**, press and hold the programming button on the receiver until the LED blinks and the motor jogs twice.

PROGRAMMED INTERMEDIATE POSITIONS

1) To program the **Top Down Intermediate Position**, bring the motor to the top limit. Press and hold the down and stop buttons until the motor starts to move, then release the buttons. Stop the motor at the desired position. Press the stop button for 2 seconds.

2) To program the **Bottom Up Intermediate Position**, bring the motor to the bottom limit. Press and hold the up and stop buttons until the motor starts to move, then release the buttons. Stop the motor at the desired position. Press the stop button for 2 seconds.

3) To delete an intermediate position, use the stop button to move the motor to that position. After the motor stops at that position, press and hold the center button until the LED on the receiver stops blinking (about 10 sec.)