

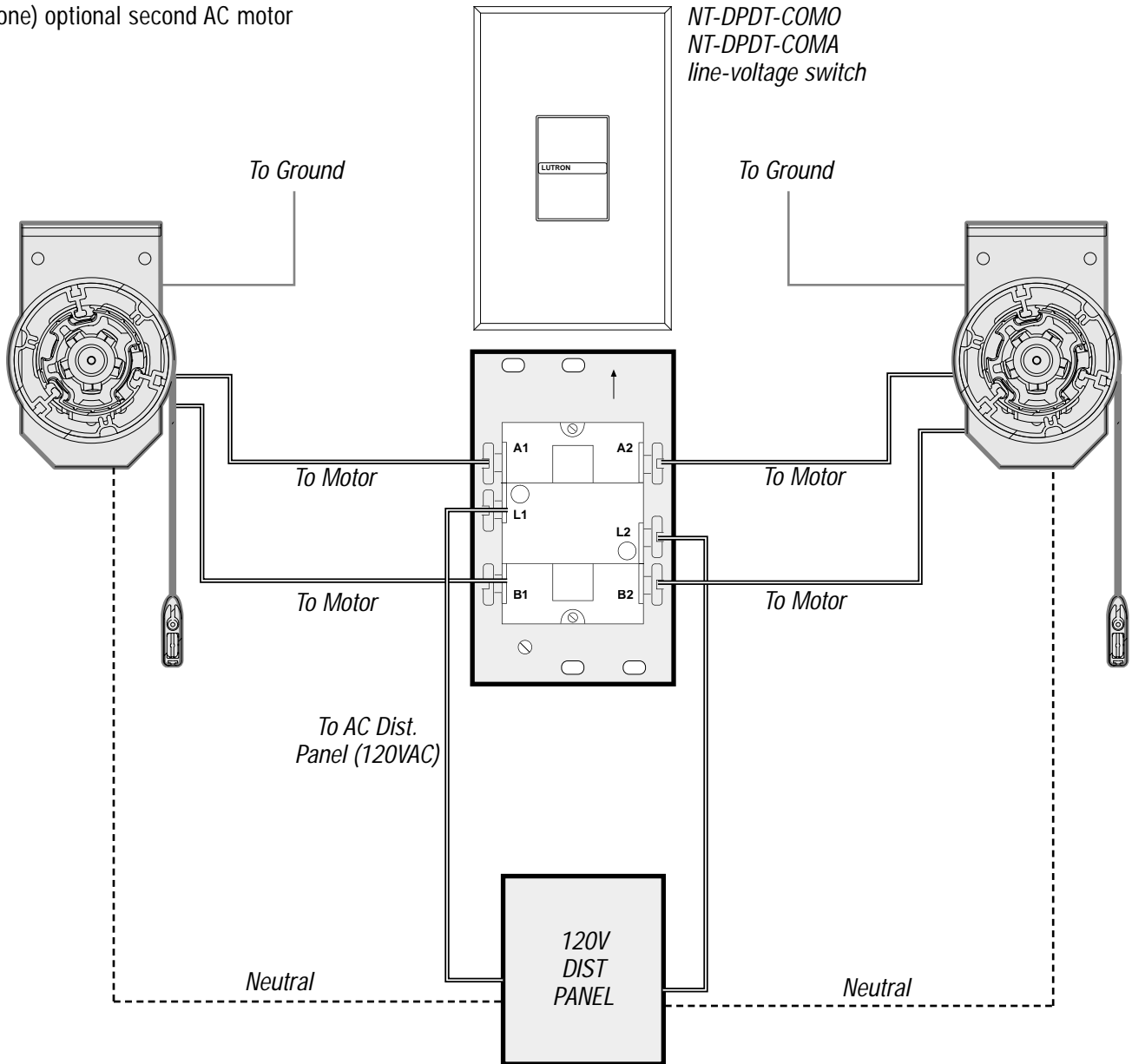
Wiring Solutions

NOTES


1. Junction box required within six feet of the motor
2. Home-run all wires to group controller
3. Do not parallel wire AC motors
4. Honor all local and national codes for line-voltage installations

Individual Control Solutions

- (one) line-voltage switch (momentary or maintained)
- (one) AC Motor
- (one) optional second AC motor



KEY

- Low Voltage Class 2 Wire ———
- Ground (green) ———
- Neutral (white) - - - - -
- Line voltage (black/red) ———
- Connection ●
- Terminal Mount 

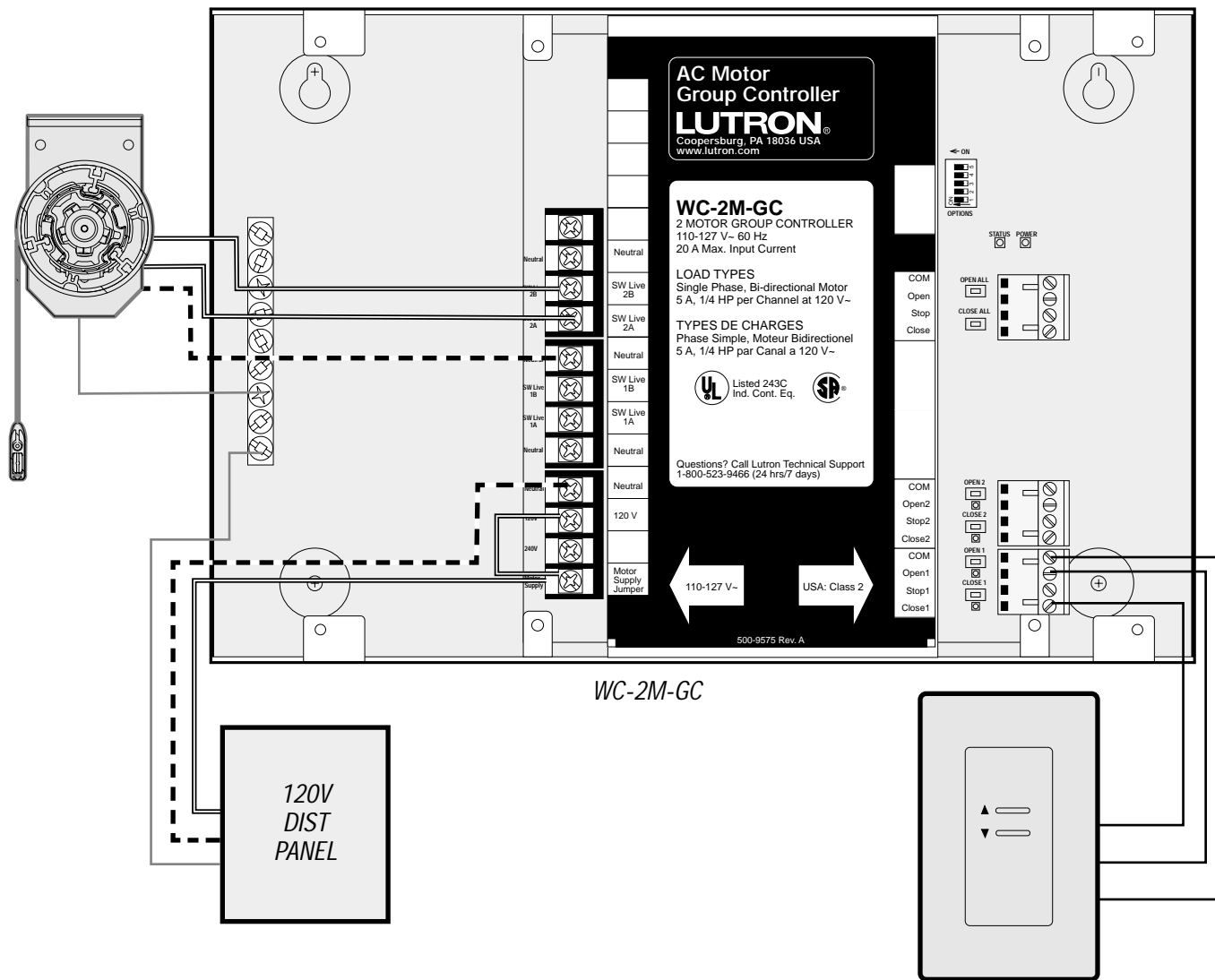
Lutron line-voltage switches must be installed by a certified electrician in accordance with all national and local codes.

Group Control Solutions

OPTION 1

(one) low-voltage keypad

(one or two) AC motor(s)



KEY

- Low Voltage Class 2 Wire
- Ground (green)
- Neutral (white)
- Line voltage (black/red)
- Connection
- Terminal Mount

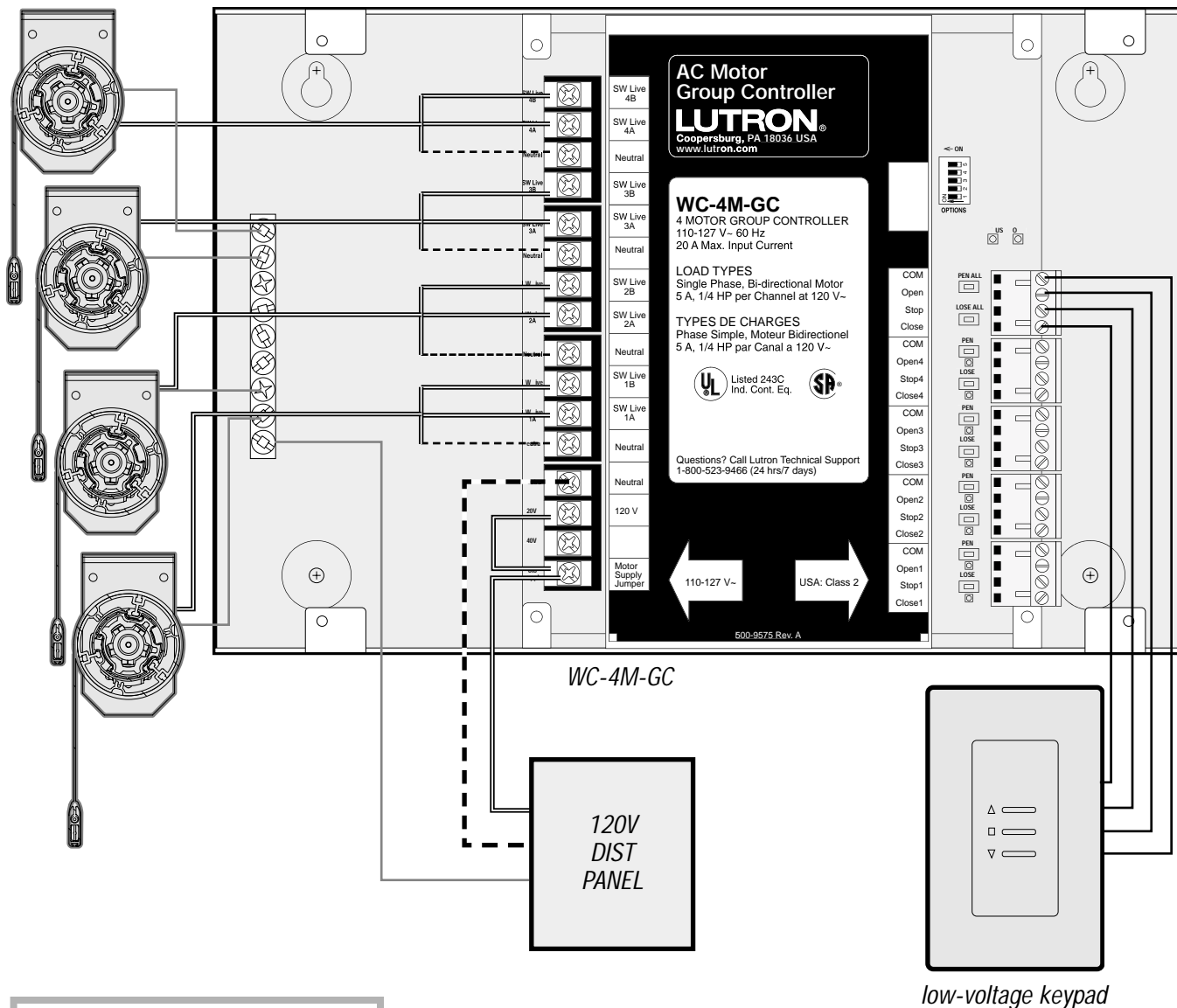
This solution allows one or two AC motors to be controlled by a low-voltage keypad.

WIRING SOLUTIONS

Group Control Solutions

OPTION 2

(one) low-voltage keypad
(up to four) AC motors



KEY

- Low Voltage Class 2 Wire
- Ground (green)
- Neutral (white)
- Line voltage (black/red)
- Connection
- Terminal Mount

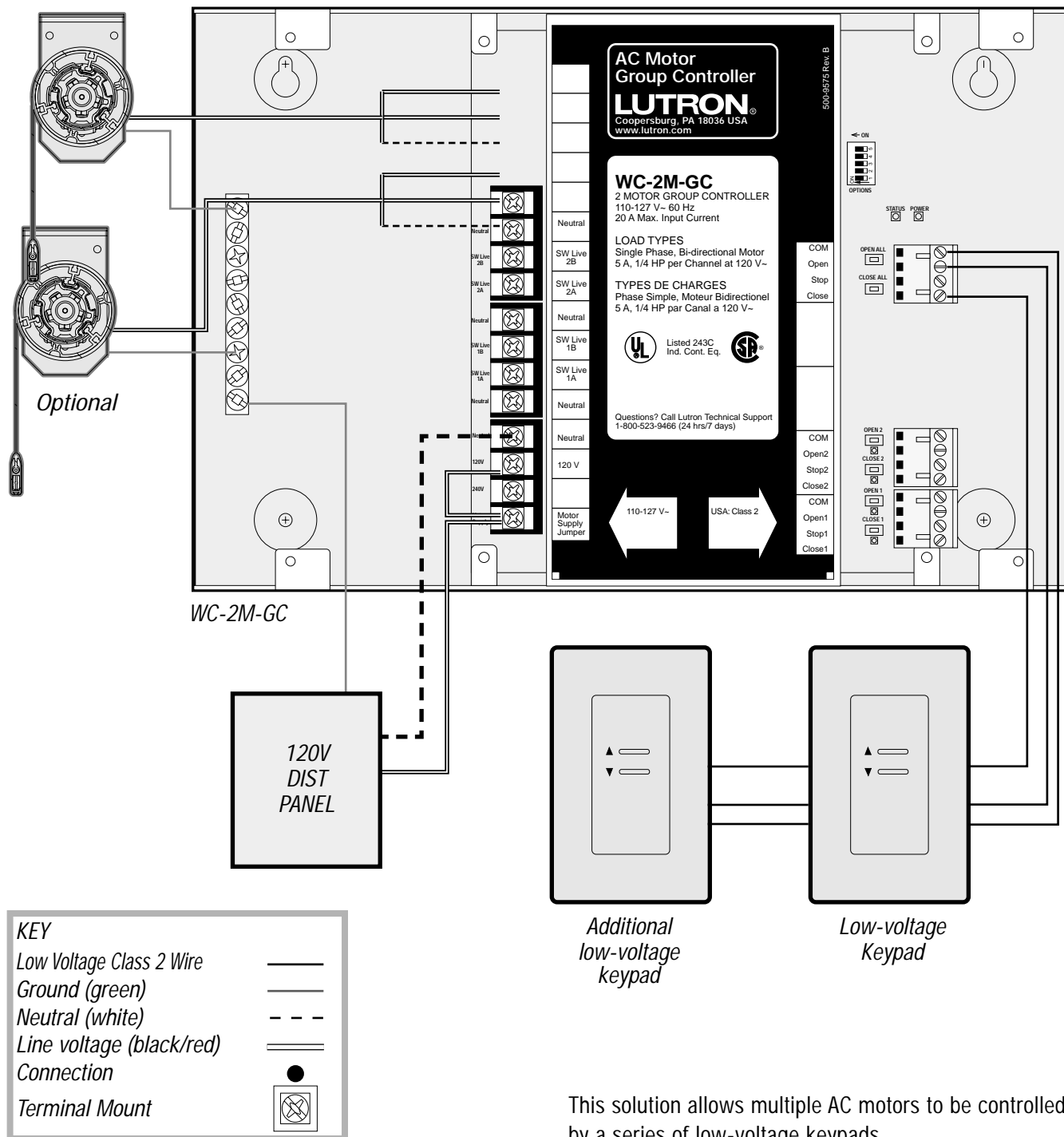
This solution allows up to four AC motors to be controlled by a low-voltage keypad.

WIRING SOLUTIONS

Group Control Solutions

OPTION 3

multiple low-voltage keypads
(one) AC motor, optional second motor



WIRING SOLUTIONS

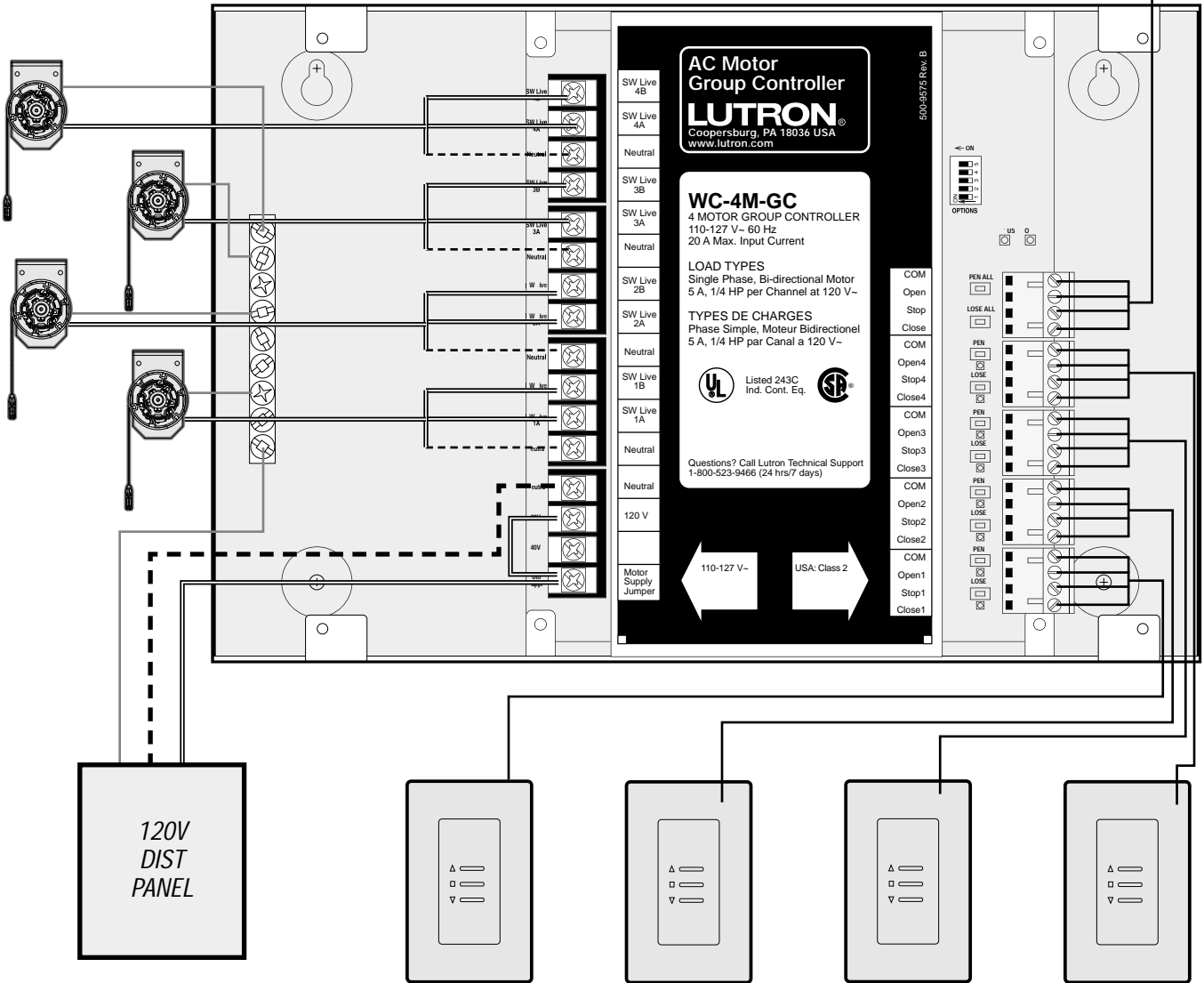
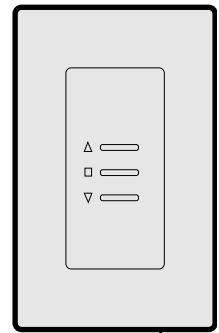
This solution allows multiple AC motors to be controlled by a series of low-voltage keypads.

Group Control Solutions

OPTION 4

(one) low-voltage master keypad
multiple low-voltage keypads (optional)
(up to four) AC motors

Master
low-voltage
keypad



KEY

- Low Voltage Class 2 Wire ———
- Ground (green) ———
- Neutral (white) - - - - -
- Line voltage (black/red) = = = = =
- Connection ●
- Terminal Mount

Individual low-voltage control keypads

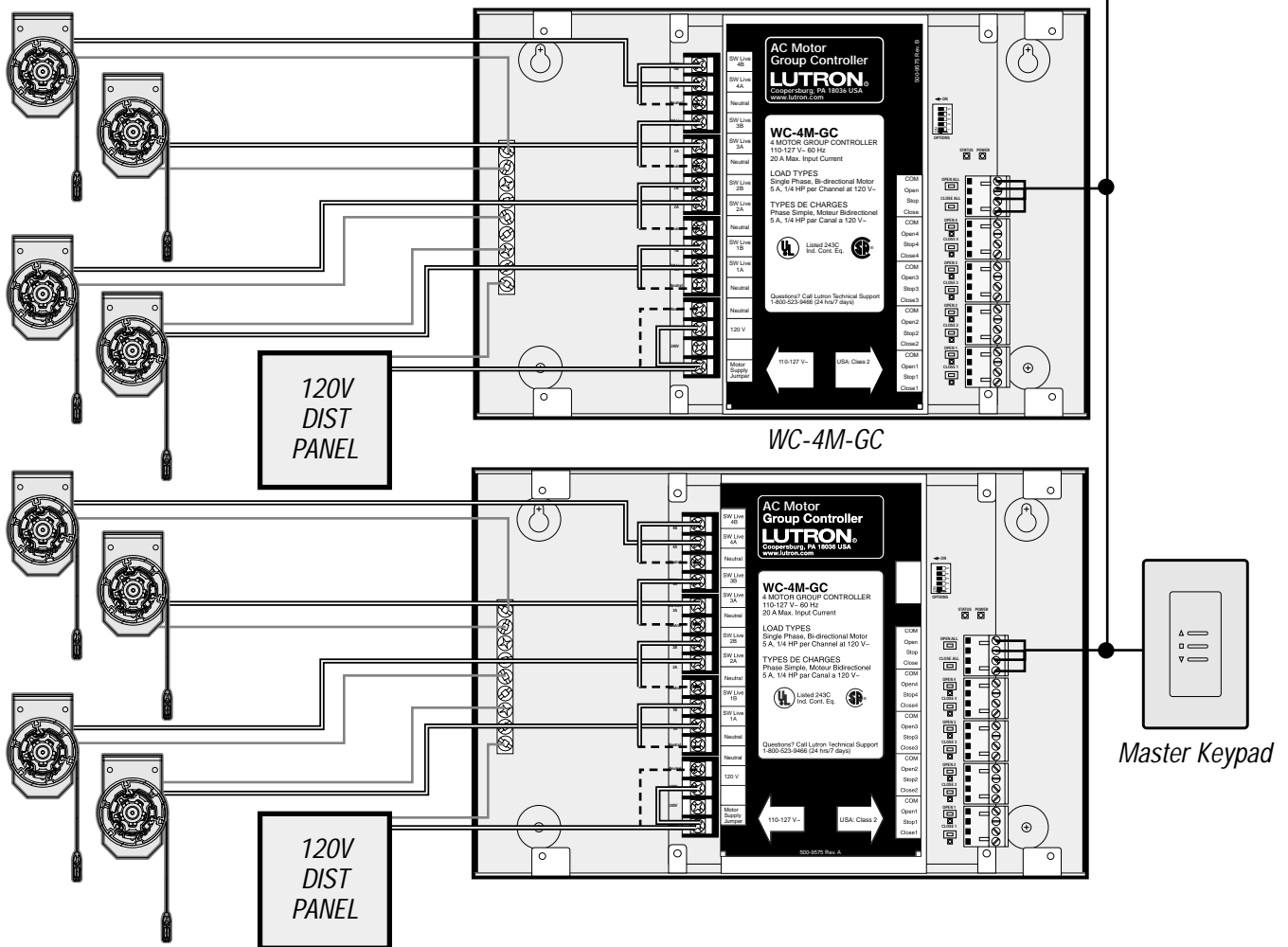
This solution allows up to four AC motors to be controlled by a master low-voltage keypad. Further control is available of each motor separately by a dedicated individual low-voltage keypad.

Group Control Solutions

OPTION 5

- (one) low-voltage master keypad
- multiple low-voltage keypads (optional)
- (more than four) AC motors

To additional group controllers



KEY

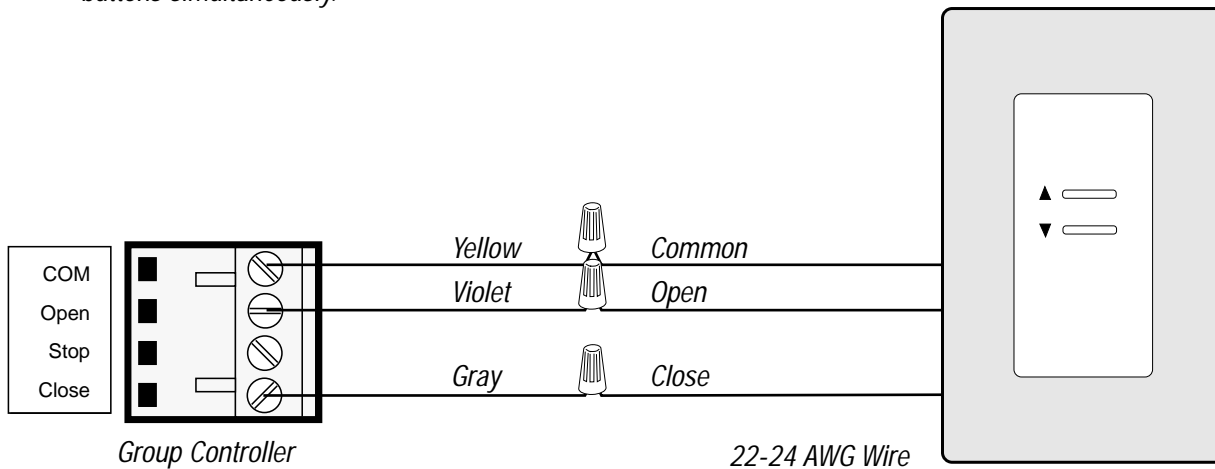
- Low Voltage Class 2 Wire ———
- Ground (green) ———
- Neutral (white) - - - - -
- Line voltage (black/red) = = = = =
- Connection ●
- Terminal Mount

This solution allows more than four AC motors to be controlled by a master low-voltage keypad by linking group controllers. Further control is available of each motor separately by a dedicated individual low-voltage keypad.

Low-Voltage Keypad Wiring

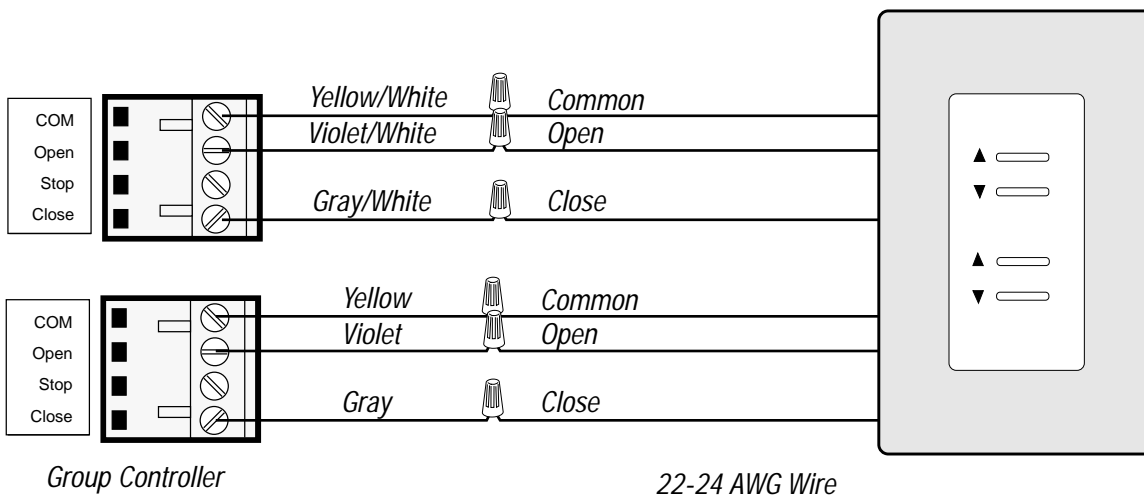
TWO-BUTTON KEYPAD

For applications not requiring a "stop" command, such as projection screens. To achieve a motor stop, press both buttons simultaneously.



FOUR-BUTTON KEYPAD

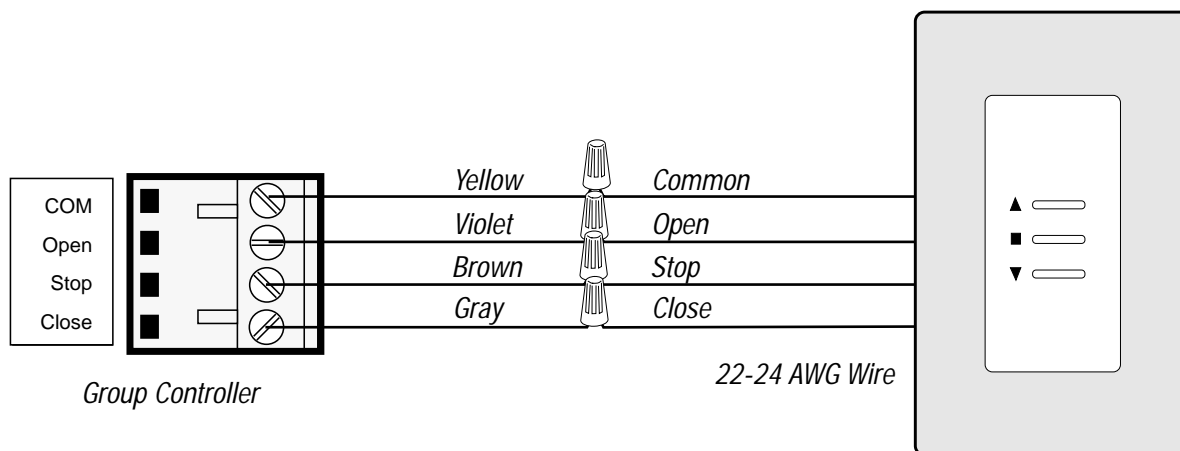
For applications of one or two groups of motors not requiring a "stop" command, such as projection screens. To achieve a motor stop, press both buttons simultaneously.



Low-Voltage Keypad Wiring

THREE-BUTTON KEYPAD

For applications of a single motor or group of motors requiring a "stop" command, such as roller shades.



SIX-BUTTON KEYPAD

For applications of one or two groups of motors requiring a "stop" command, such as roller shades.

