SECURITRON PB2E EXIT BUTTON
INSTALLATION AND OPERATING INSTRUCTIONS

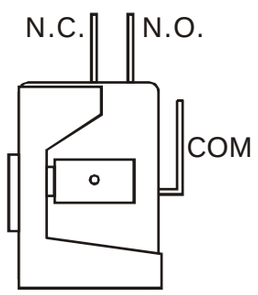
1. DESCRIPTION

The model PB2E is a spring loaded momentary 2" square, exit button, mounted on a stainless steel single gang outlet box cover. The SPDT contacts switch when the button is depressed and return when it is released. The contacts are UL listed with 5 AMP capacity. The PB2E can be used for momentary release of fail safe or fail secure electric locks. If interfaced with a release hold timer, it can provide for timed release of electric locks. It may also be used to input a REX (request to exit) signal to a card reader system. We recommend that the local building or fire safety authority be consulted prior to using exit buttons for door egress. They may require a "no special knowledge" exit device such as Securitron's Touch Sense Bar.

2. INSTALLATION

As the PB2E is an economy version, it is supplied without back box and without hookup wire. Connection is made via .250" quick connect terminals found on the rear of the unit. To connect these terminals, the installer may use push on connectors to which wires are crimped or wires may be directly soldered to the terminals through the hole provided. If a back box is used, the installer should select a box with minimum depth of 2 1/2". The drawing below shows identification of the switch's common, normally closed and normally open terminals.

MODEL PB2E: IDENTIFICATION OF CONTACTS



TERMINAL TYPE: .250” QUICK CONNECT

3. SWITCH ILLUMINATION OPTION

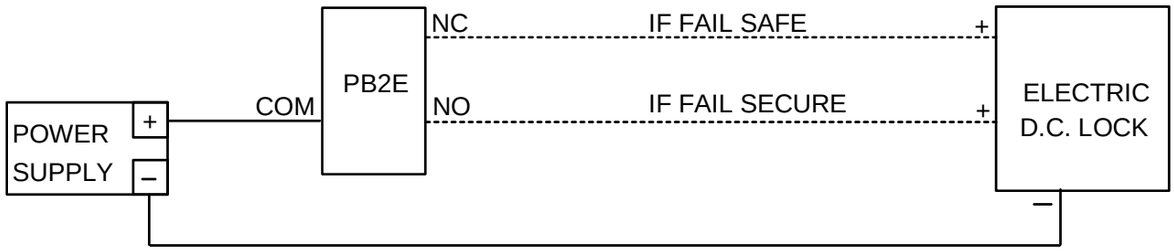
The PB2-LK is a field installable illumination kit intended for the PB2E/PB5E/EEB2 series pushbuttons which includes the LED, wires and instructions needed to add illumination to the switch.

4. WIRING

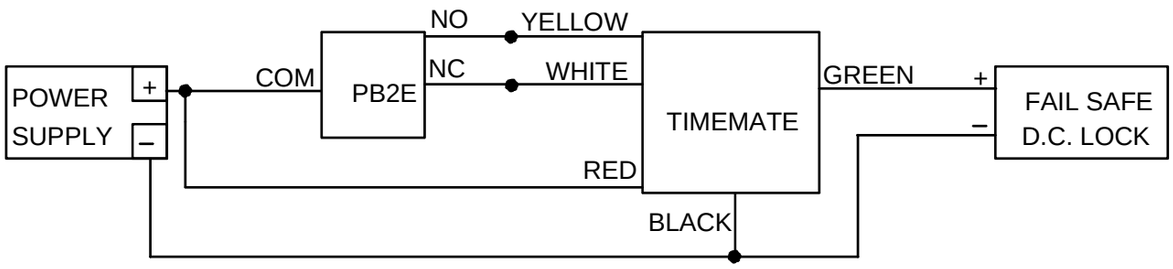
The PB2E can be used in many different ways but the drawings below show two common applications. The first shows momentary release of a fail safe or fail secure electric lock. The second drawing shows timed release of a fail safe electric lock using the PB2E and Securitron's TimeMate. Momentarily pressing the button will release the lock for the amount of time set on the TimeMate. The wiring is also done in double break fashion so that even if the timer fails, the button will still be able to momentarily release the lock. This is for added safety.

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MOMENTARY RELEASE OF FAIL SAFE OR FAIL SECURE ELECTRIC LOCK



TIMED DOUBLE BREAK RELEASE OF FAIL SAFE LOCK



5. ALTERNATE LENS CHANGING

The pushbutton is factory shipped with the green lens set installed and two lens/insert options. Changing to the other lens sets is simple.

1) Grasp keyplate and turn over. From the back rotate the white contact block of the switch counter-clockwise to the 11 o'clock position and pull straight back to remove the contact block.
2) With a slender smooth ended object such as a marker pen, slide it inside the switch body until it stops against the back of the lens. Place the object that is inside the switch body on a smooth surface with the keyplate on top, and tap the keyplate up and down on the object to pop the lens off. Remove the lens and insert.
3) Turn the keyplate over and place the new insert onto front of switch, confirm that the text on the insert is correct reading to the keyplate and place the matching colour lens on top of the insert and compress around all edges of the lens until it snaps in place. Depress lens several more times to ensure smooth operation and that the lens is not binding.
4) With the terminals upward insert the contact block back into the back of the switch at the 11 o'clock position and rotate clockwise until it stops straight up and down.