

SECURITRON PB2E EXIT BUTTON INSTALLATION AND OPERATING INSTRUCTIONS

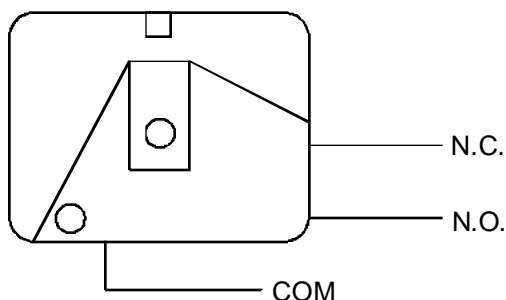
1. DESCRIPTION

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 10 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

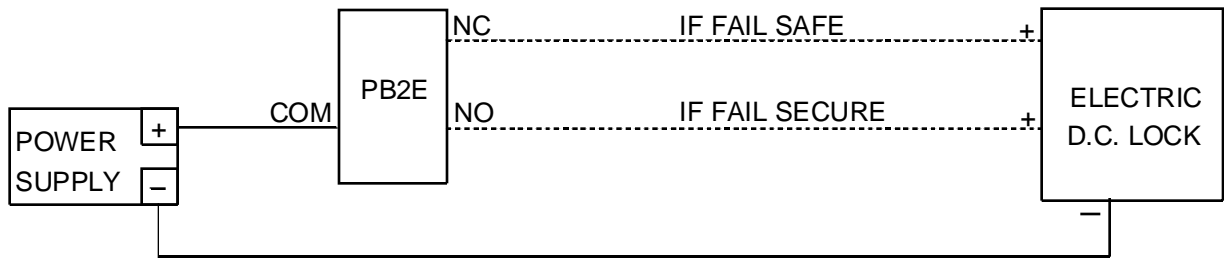


TERMINAL TYPE: .250" QUICK CONNECT

3. 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.

MOMENTARY RELEASE OF FAIL SAFE OR FAIL SECURE ELECTRIC LOCK



TIMED DOUBLE BREAK RELEASE OF FAIL SAFE LOCK

