Securitron Magnalock Corp.
550 Vista Boulevard
Sparks, NV 89434

Tel 775.355.5625
Fax 775.355.5633
info@securitron.com
www.securitron.com

ASSA ABLOY, the global leader in door opening solutions

SECURITRON PB6E & PB7E EXIT BUTTON INSTALLATION AND OPERATING INSTRUCTIONS

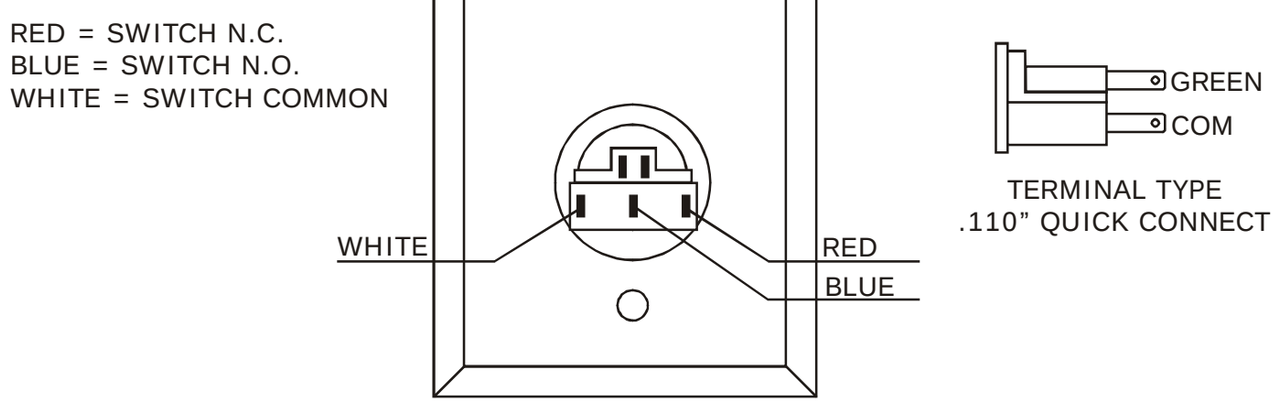
1. DESCRIPTION

The model PB6E and PB7E is a spring loaded momentary small square or oval exit button, mounted on a stainless steel single gang or narrow stile keyplate. Adding "N" to the part #(PB6EN, PB7EN) yields mounting on a 1 3/4" narrow stile keyplate. 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 PB6E and PB7E 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 PB6E and PB7E is an economy version, it is supplied without back box and without hookup wire. Connection is made via .110" 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.

WIRE IDENTIFICATION



3. SWITCH ILLUMINATION OPTION

The PB6/7G-LK and the PB6/7R-LK are field installable illumination kits in green and red respectively intended for the PB6E/PB7E red and green series pushbuttons which includes the LED, wires and instructions needed to field install illumination to the pushbutton switch.

4. WIRING

The PB6E and PB7E 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 PB6E and

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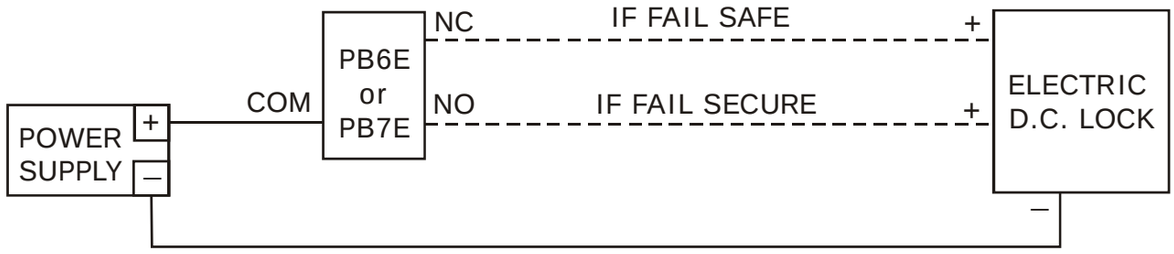
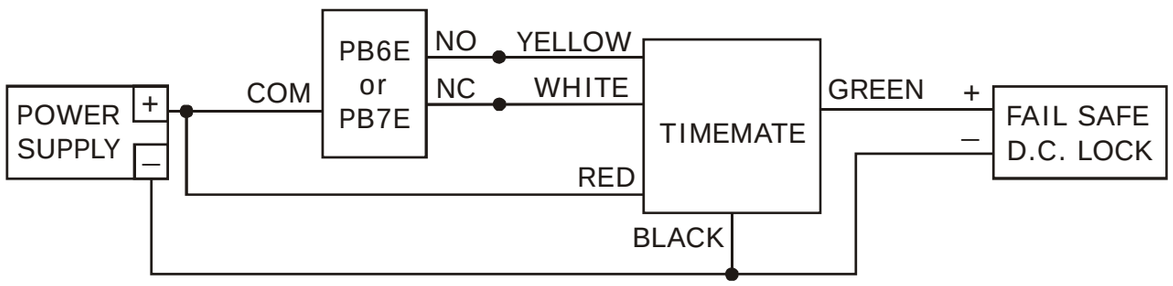
PB7E and Securitron's TimeMate. Momentarily pressing the button will release the lock for the amount of time set on the TimeMate. The wiring is also done in double break fashion so that even if the timer fails, the button will still be able to momentarily release the lock. This is for added safety.

MOMENTARY RELEASE OF FAIL SAFE OR FAIL SECURE ELECTRIC LOCK



TIMED DOUBLE BREAK RELEASE OF FAIL SAFE LOCK



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