

SARGENT 4241 PUSH BUTTON INSTALLATION INSTRUCTIONS

SARGENT®

ASSA ABLOY

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ASSA ABLOY, the global leader
in door opening solutions

1. GENERAL INFORMATION

The 4241 Push Button provides access primarily for electric locking devices requiring dry contact switching. The red LED can be wired to monitor lock status.

2. SPECIFICATIONS

Mounting Box: Clear anodized aluminum(US28)

Outside Dimensions: 1 1/16"h x 3 1/8"w x 2"d

Mounting screws: 3 ea.#8-32 x 3/4" Pan Head M.S.and #8 -1" Pan Head Self Tapping Screw.

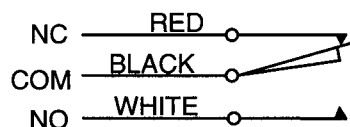
Red LED: 24VDC, @ 20MA

Momentary Control: Snap action push button.

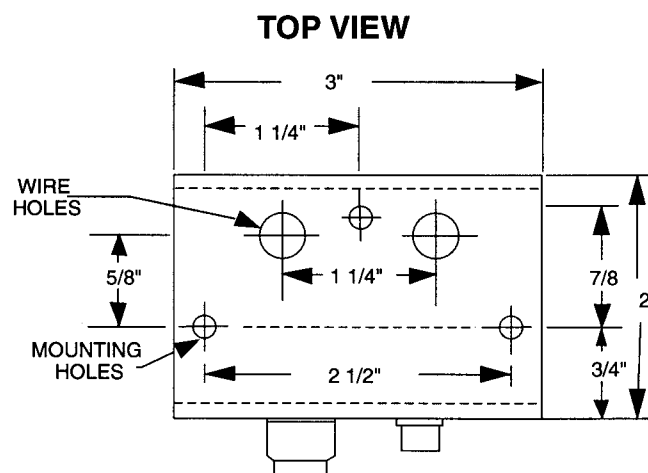
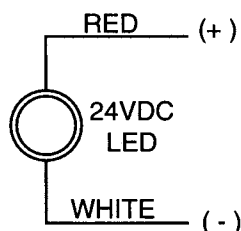
Control Output: SPDT dry, 6A @ 28VDC.

3. SWITCH ASSEMBLY AND INSTALLATION

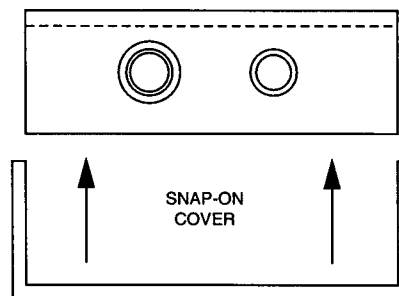
- Select desired mounting location.
Examples: Surface mount on wall, under desk, or counter.
- Drill three holes for mounting.
- Drill one or two holes for wire passage as required.
- Fasten box to mounting location with #8 screws provided.
- Connect appropriate wires for desired operation (switching).



- Connect red lead of LED to (+) and the white lead to (-).
The LED is polarity sensitive and operates on DC voltage only.



FRONT VIEW



- Snap cover over mounting box.

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24VDC
REGULATED
CLASS II

+

-

COM

N.O.

N.C.

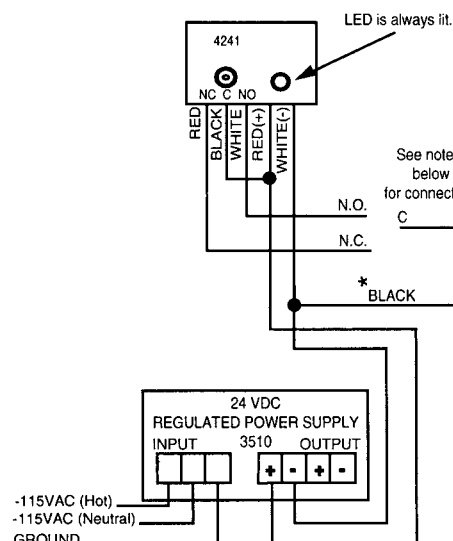
LAMP

LOCK

DIODE

The diagram shows a 24VDC REGULATED CLASS II power supply. The positive terminal (+) is connected to the COM terminal of a switch. The negative terminal (-) is connected to the N.O. terminal of the same switch. The N.C. terminal of the switch is connected to a lock mechanism through a diode. The lamp is connected between the N.O. terminal and the common return line.

5. TYPICAL WIRING WITH SARGENT ELECTRIC LOCKING DEVICE AND 3510 POWER SUPPLY.



1. Wires must be protected from abrasion.
2. • Indicates wire connections
3. Use N.C. Switch Contact for Fail Safe Lock (normally energized). Use N.O. Switch Contacts for Fail Secure Lock (normally de-energized).
4. * Colors of wires shown are leads from electric locking device **NOT** electric hinge.
5. Insulate any loose wires.