INSTALLATION
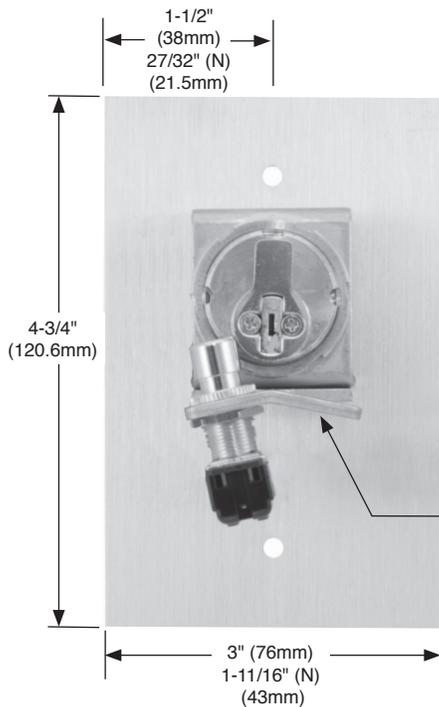
KS500, KS800 SERIES
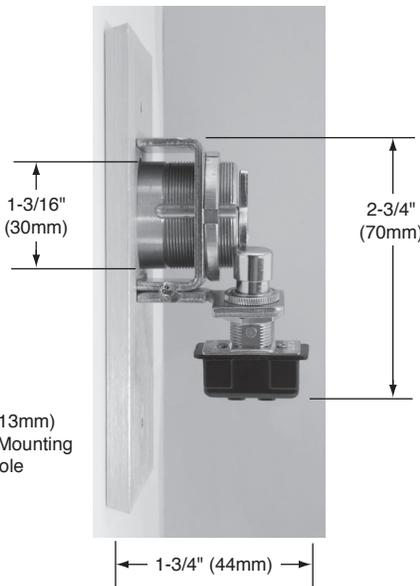
Key Switches

Instructions

1. Place the mortise cylinder through the 1-3/16" hole in the center of the aluminum faceplate.

2. Mount the cylinder/switch bracket on the reverse side of the faceplate (see photosbelow). Make sure that the teeth are positioned inside the grooves along the cylinder. Attach the cylinder nut to fasten.

3. Insert the switch(es) into the 1/2" holes located on the bracket below the cylinder. For ideal installation thread the top nut an 1/8" down and tighten bottom nut using a 9/16" wrench.

4. Make wire connections as shown below.

5. Fasten faceplate assembly to electrical box with the tamperproof 6-32 machine screws and spanner hand tool supplied.
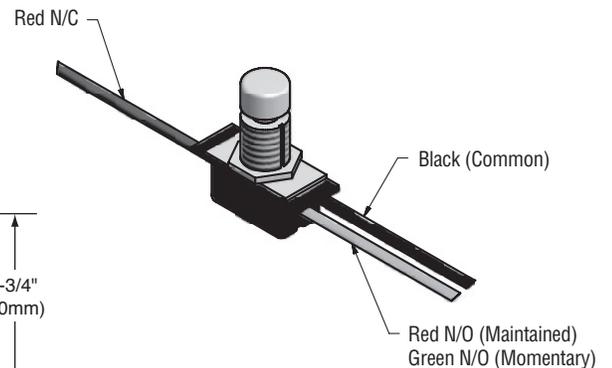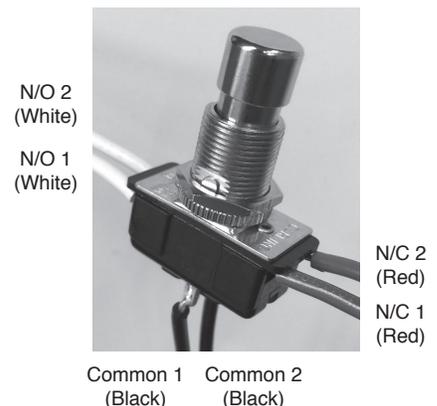
Rear Profile

1-1/2"
(38mm)
27/32" (N)
(21.5mm)

4-3/4"
(120.6mm)

1/2" (13mm)
Switch Mounting
Hole

3" (76mm)
1-11/16" (N)
(43mm)

(N) = Narrow Style KS5

Side Profile

1-3/16"
(30mm)

2-3/4"
(70mm)

1-3/4" (44mm)

SPDT Wire Connection

Red N/C

Black (Common)

Red N/O (Maintained)
Green N/O (Momentary)

Optional DPDT Switch Connection

N/O 2
(White)

N/O 1
(White)

N/C 2
(Red)

N/C 1
(Red)

Common 1   Common 2
(Black)   (Black)
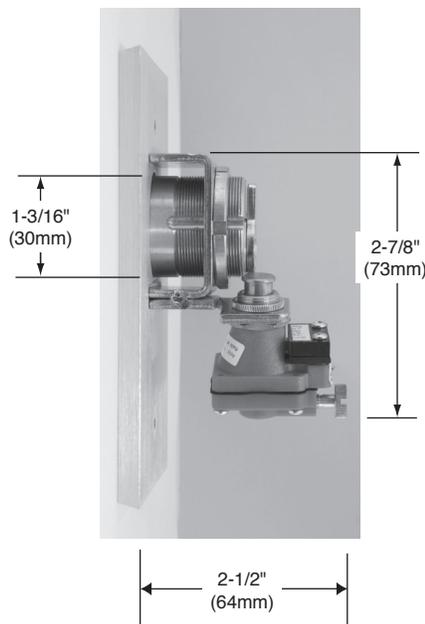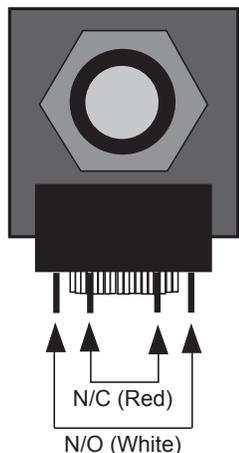
KS Series Keyswitch Wiring Instructions

KS502PA, KS802PA
Pneumatic Time Delay Installation

1. Follow the same mounting steps 1- thru 3 as the momentary and maintained switches on the front.

2. Make wire connections as shown below.

N/C (Red)

N/O (White)

1-3/16"
(30mm)

2-7/8"
(73mm)

2-1/2"
(64mm)

3. Fasten faceplate assembly to electrical box with the tamperproof 6-32 machine screws and spanner hand tool supplied.

Specifications

Time Range: 2 to 60 seconds

Switch Rating: 10AMP @ 125-250VAC

Terminals: Solder type – Flying leads

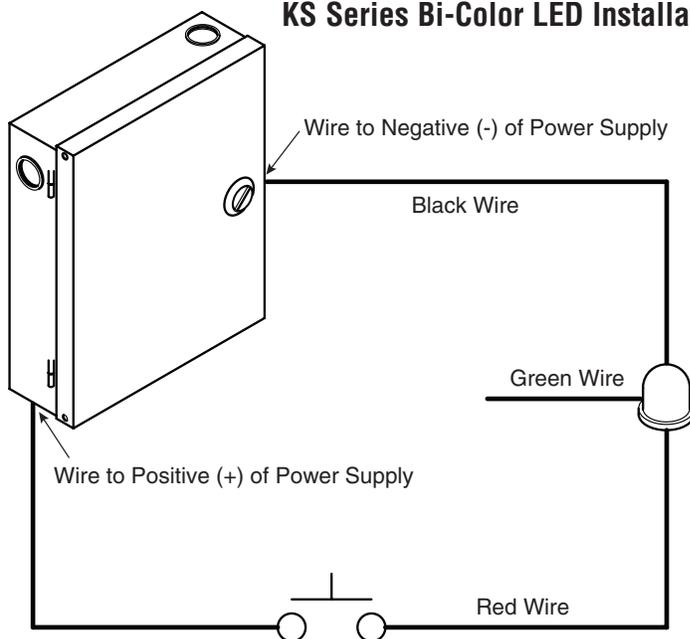**Temperature Range**: +15° to 120°F (-9° to +49°C)

To Decrease Time Delay:
Use slot screwdriver and turn time adjustment knob counter clockwise.

To Increase Time Delay:
Use slot screwdriver and turn time adjustment knob clockwise.

KS Series Bi-Color LED Installation

Wire to Negative (-) of Power Supply

Black Wire

Green Wire

Wire to Positive (+) of Power Supply

Red Wire

NOTE: To wire LED for green light instead of red light — disconnect red wire from switch point and connect green wire.

Description	Switch Mode	Switch Configuration	Switch Rating	Standard Finish
KS802 / KS502 Key Switch	Momentary Action	SPDT N/O & N/C	3A @ 125 VAC/VDC 🆄🅻 & CSA 1A @ 250 VAC/VDC 🆄🅻 & CSA	628 or 710 628 or 710
KS802PA / KS502PA Key Switch	2 to 60 seconds	1 x SPST N/O & 1 x SPST N/C	10A @ 125-250 VAC 🆄🅻 & CSA	628 or 710
KS801 / KS501 Key Switch	Maintained Action	SPDT N/O & N/C	3A @ 125 VAC/VDC 🆄🅻 & CSA 1A @ 250 VAC/VDC 🆄🅻 & CSA	628 or 710 628 or 710

NOTE: Specifications are subject to change without notice.