

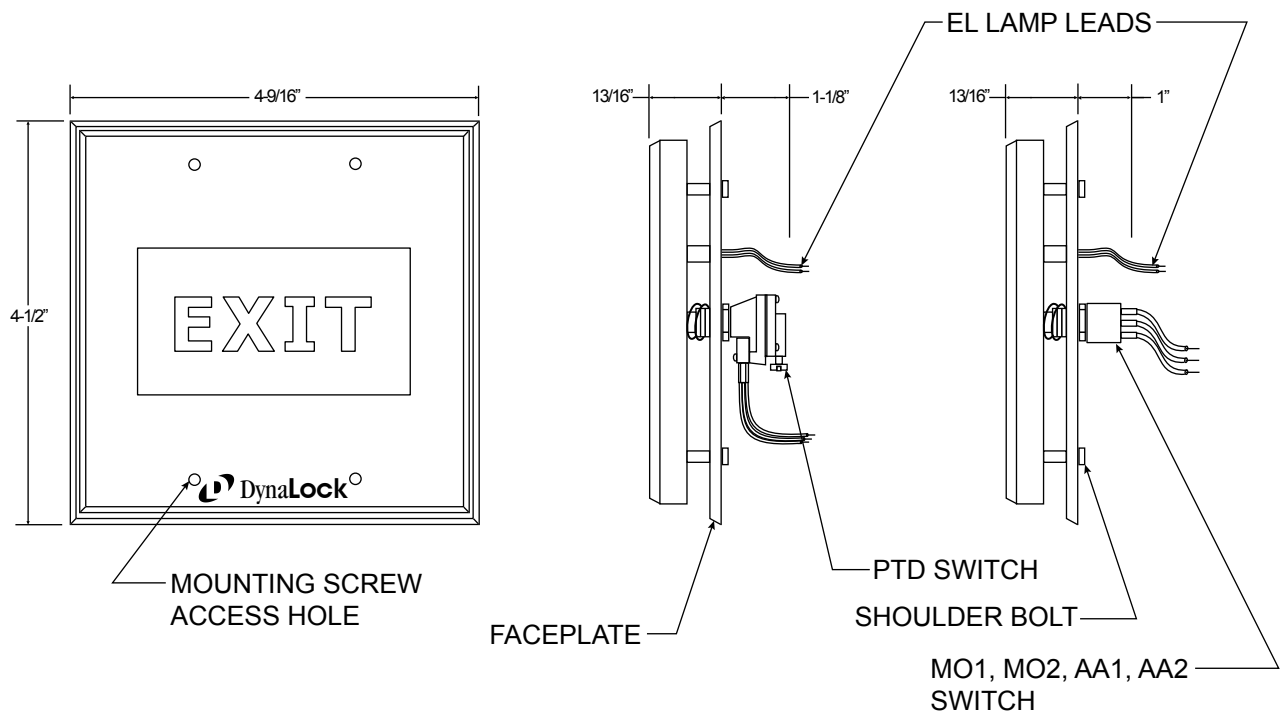
OVERVIEW

The 6500 Series Pushplate mounts to a standard 2-gang electrical box. Illuminated display uses electroluminescent blue lamp which requires high voltage AC. An inverter is included to convert regulated 12 or 24 VDC (as specified) to the necessary AC voltage. The inverter must remain inside the box to which the pushplate is being mounted. Pushplate activates the switch when completely depressed. Sensitivity can be adjusted by altering the depth of the switch.

CAUTION! INVERTER PRODUCES HIGH VOLTAGE AC. READ ALL INSTRUCTIONS PRIOR TO INSTALLATION.

INSTALLATION STEPS

1. Connect gray leads coming from the lamp to the white leads on inverter cube. Polarity not observed.
2. Connect low voltage DC to red and black leads on inverter cube (see reverse).
3. Connect switch wiring. See reverse for schematic according to style ordered.
4. Make sure all wiring is clear of the four shoulder bolts.
5. Mounting screws are accessed through the four holes on the front face of the pushplate. Using included Allen wrench, start threads on each screw.
6. Tighten mounting screws evenly by alternating each corner, until the faceplate is flush with the wall.



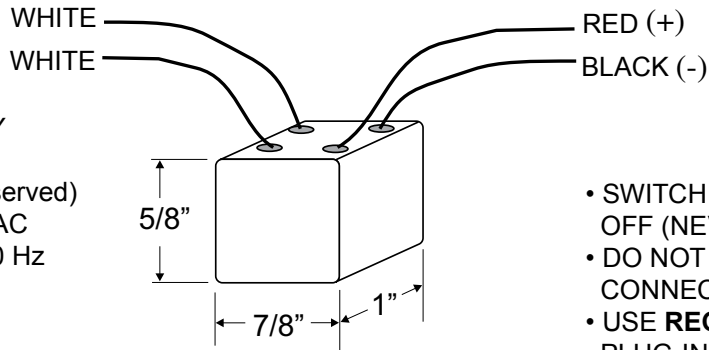
MISCELLANEOUS

Lamp Life: Indefinite. Optimal brightness - first 10,000 hours, continuous use.
 Field replacements available.

Temperature Range: 15 to 120°F - Interior use only.

INVERTER WIRING

AC OUT:
 WIRE TO GRAY
 LAMP LEADS
 (polarity not observed)
 Voltage: 220 VAC
 Frequency: 650 Hz

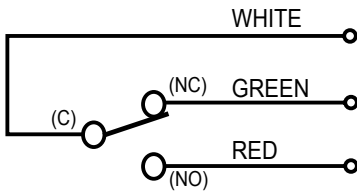


DC IN:
 WIRE TO DC VOLTAGE
 (12 or 24VDC as specified)
 Current Draw: 30mA @ 12 or 24 VDC

- SWITCH DC VOLTAGE TO TURN LAMP ON AND OFF (NEVER SWITCH LAMP ON AC SIDE).
- DO NOT APPLY POWER WITHOUT LAMP CONNECTED.
- USE **REGULATED** DC POWER SUPPLY OR PLUG-IN ONLY.

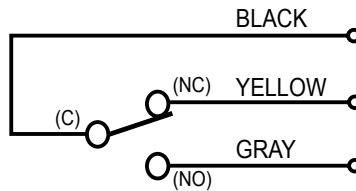
SWITCH WIRING

SWITCH STYLE: MO1



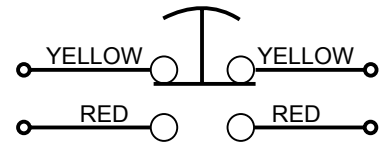
SPDT MOMENTARY
 CONTACTS RATED
 6 AMPS @ 125VAC

SWITCH STYLE: AA1



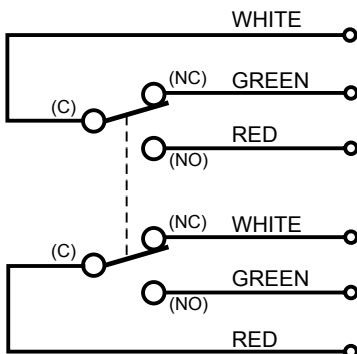
SPDT ALTERNATE-ACTION
 CONTACTS RATED
 6 AMPS @ 125VAC

SWITCH STYLE: PTD



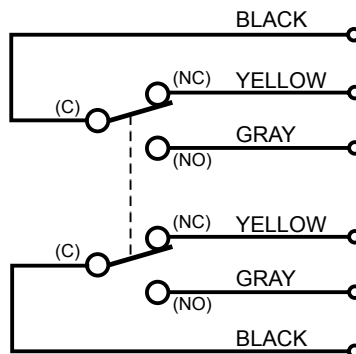
MOMENTARY TIME
 DELAYED CONTACTS
 RATED 10 AMPS @ 120VAC
 PTD / FORM Z

SWITCH STYLE: MO2



DPDT MOMENTARY
 CONTACTS RATED
 6 AMPS @ 125VAC

SWITCH STYLE: AA2

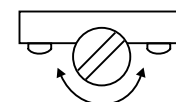


DPDT ALTERNATE-ACTION
 CONTACTS RATED
 6 AMPS @ 125VAC

TIME DELAY ADJUSTMENT

TIME DELAY ADJUSTMENT KNOB

BOTTOM VIEW



TURN CW TO INCREASE
 TURN CCW TO DECREASE

TIME DELAY ADJUSTMENT
 RANGE = 2 - 60 SECONDS