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

RED (+)
BLACK (-)
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

WHITE
(C)
(No)
(SPDT MOMENTARY
CONTACTS RATED
6 AMPS @ 125VAC)

GREEN
RED

SWITCH STYLE: AA1

BLACK
(C)
(No)
(SPDT ALTERNATE-ACTION
CONTACTS RATED
6 AMPS @ 125VAC)

YELLOW
GRAY

SWITCH STYLE: PTD

YELLOW
(YELLOW)
RED
(RE)

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

SWITCH STYLE: MO2

WHITE
(C)
(No)
(SPDT MOMENTARY
CONTACTS RATED
6 AMPS @ 125VAC)

GREEN
RED

SWITCH STYLE: AA2

BLACK
(C)
(No)
(SPDT ALTERNATE-ACTION
CONTACTS RATED
6 AMPS @ 125VAC)

YELLOW
GRAY

TIME DELAY
ADJUSTMENT

TIME DELAY ADJUSTMENT KNOB

TOP VIEW

TURN CW TO INCREASE
TURN CCW TO DECREASE
TIME DELAY ADJUSTMENT
RANGE = 2 - 60 SECONDS

BOTTOM VIEW