

MOMENTARY ACTION, SEALED TO IP68S, COMPACT BEZEL

While sharing similar size and characteristics to the P9 and LP7-D series pushbutton switches, the LP7 series illuminated momentary action pushbutton switches have a compact bezel for a lower above-panel profile.

The LP7 is manufactured to the highest standards and built to withstand harsh environments, offering excellent mechanical and electrical performance while operating under severe conditions found in demanding applications. Built with an anodized aluminum alloy case, the LP7 is tested to one million mechanical operations and has an electrical life of 25,000 cycles.

The LP7 series offers LED lighting in a variety of colors and can accommodate 2 & 12VDC power. Button versions include flush dome and raised dome.

With a watertight to IP68S seal, the LP7 is a quality precision switch designed for use in panels, control grips, computers, instruments, heavy equipment and other demanding applications where attractive, highly ruggedized pushbutton switches are required.

## Features:

- **Compact bezel**
- **Watertight to IP68S**
- **LED illuminated with the ability to accommodate 2 & 12VDC power**
- **Standard and low level options**
- **Flush and raised buttons in glossy or matte finish available in a variety of colors**
- **Press fit case style**
- **RoHS/WEEE/Reach compliant**



Raised Dome

Also available with  
Flush Dome

### Standard Characteristics/Ratings:

#### ELECTRICAL RATINGS: Sea Level @ 28VDC or 115VAC

Load	N.O./N.C.	Cycles	Operating Force
Resistive	5A	25,000	Standard Force
Inductive	3A	25,000	Standard Force
Resistive	500mA	500,000	Standard Force
Resistive	200mA	500,000	Low Force
DWV	1050Vrms through switch contacts only		
Low Level	10mA @ 30mV		

**Electrical Life:** 25,000 cycles

#### LIGHTING:

Light Source Voltage (DC)	Actual Voltage Nominal (DC)	Voltage Max (DC)
2	2	2.6
12	13.5	14.5

**Mechanical Life:** 1,000,000 cycles

**Seal:** IP68S

**Operating Temp Range:** -55°C to +85°C

**Operating Force:** 1.7 lbs. ± 0.5 lbs. Standard Force, 12 oz. ± 4 oz. Low Force

**Total Travel:** .080 inches max

**Overtravel:** .010 inches min

#### MATERIALS:

**Case:** Anodized aluminum alloy

**Button:** Thermoplastic

**Terminals:** Gold plate

**Contacts:** Gold plated silver alloy

## LP7 PART NUMBER CODE

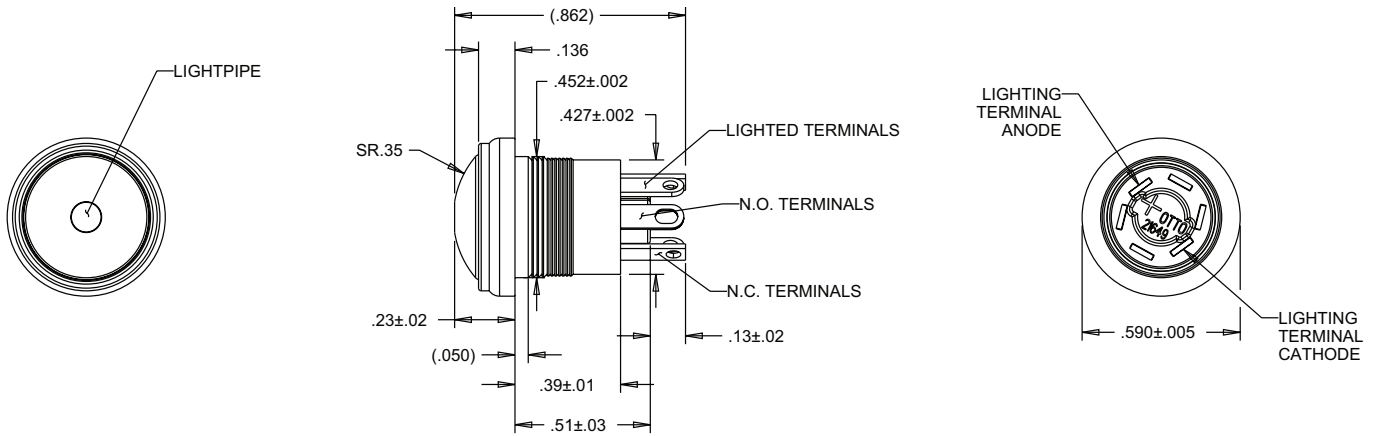
Button Style	Case Style	Terminal Style	Circuit Form	Switch Action	Light Source	Case Color	Button Color
1. Flush	1. Short Bezel Press Fit	1. Solder	1. N.O.	1. Standard Force	A. 2V Red LED	1. Red	1. Red
2. Raised			2. N.C.	Snap-Action	B. 2V Green LED	2. Black	2. Black
3. Flush Matte			3. 2 Circuit	2. Low Force	C. 2V Amber LED	3. Orange	3. Orange
4. Raised Matte				Snap-Action	D. 2V Blue LED	4. Yellow	4. Yellow
					E. 2V White LED	5. Green	5. Green
					F. 12V Red LED	6. Blue	6. Blue
					G. 12V Green LED	7. Violet	7. Violet
					H. 12V Amber LED	8. Gray	8. Gray
					J. 12V Blue LED	9. Clear	9. White
					K. 12V White LED		

# SEALED ILLUMINATED PUSHBUTTONS

**LP7**  
ILLUMINATED  
PUSHBUTTONS

MOMENTARY ACTION, SEALED TO IP68S, COMPACT BEZEL

## Flush Button - Short Bezel



## Raised Button - Short Bezel

