

Shorter, Momentary Action, Ring Illuminated, Vandal Resistant Case and Button

OTTO's LP3S-V series of vandal resistant, momentary action pushbutton switches are a shorter behind panel version of OTTO's LP3-V series. The LP3S-V offers the same case styles, circuit ratings and button types as the LP3-V, but with shorter construction. An excellent choice when space is limited, the LP3S-V switch is designed to provide attractive, lighted position indication for demanding applications, where security and reliability are crucial. The series features both aluminum and stainless steel cases with a watertight to IP68S and IP69K option.

This shorter, yet highly reliable switch offers the durability and ruggedness our customers have come to expect with the added benefit of illumination. The LP3S-V is ideal for marine, off-highway and industrial control applications that require a rugged sealed illuminated switch.

This switch offers positive tactile feedback and a variety of LED colors available in both flat and domed actuator bezel shapes.

LP3S-V Key Features:

- Security (aluminum) or vandal resistant (stainless steel) case & button
- Shorter behind panel version of OTTO's LP3-V
- Ring illuminated
- Watertight to IP68S and IP69K option
- Variety of button options and LED colors
- Drop in replacement to the LP3-V and P8-V series
- RoHS compliant



LP3S-V

Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

Load	Sea Level @ 28VDC
Resistive	5A
Inductive	3A
Lamp	1A
Motor	3A
DVV	1000Vrms through switch contacts only
Logic Level	10mA @ 5VDC

Electrical Life: 25,000 cycles

LIGHTING:

Light Source Voltage (DC)	Actual Voltage Nominal (DC)	Voltage Max (DC)
2	2	2.5
12	12	14
24	24	28.6

Mechanical Life: 250,000 cycles

Seal: IP64 or IP68S and IP69K

Operating Temp Range: -55°C to +85°C

Operating Force: 2.5 +/- 0.5 lb. or 4.0 +/- 1.0 lb.

Total Travel: 0.080 inches +/- 0.015

Overtravel: 0.010 inches min

MATERIALS:

Case: Stainless steel (316) or anodized aluminum alloy

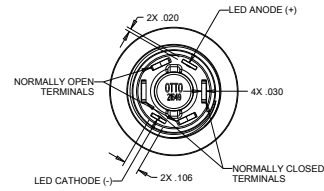
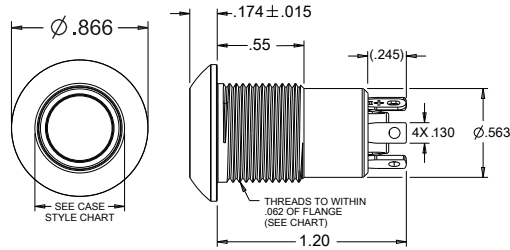
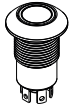
Button: Thermoplastic

Center Cap: Stainless steel (316) or anodized aluminum alloy

Mounting Hardware: Hex nut, lockwasher and panel seal gasket (watertight only)

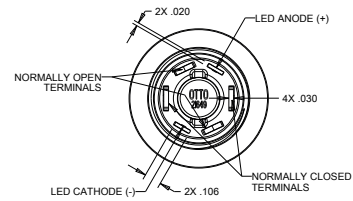
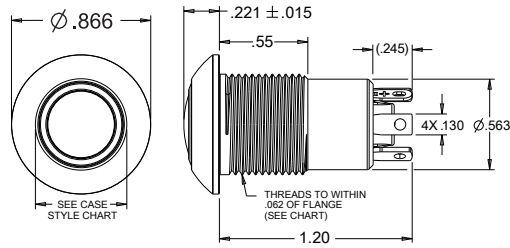
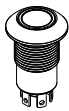
LP3S-XXXXXXX1

High Profile Flat Button



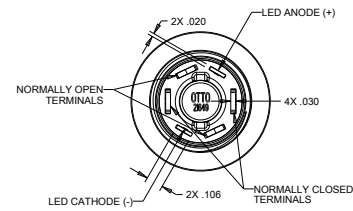
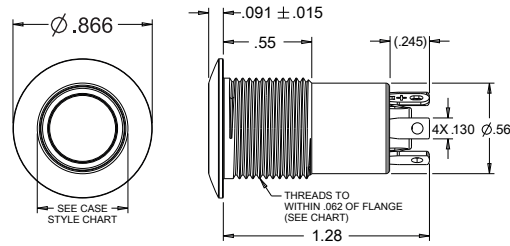
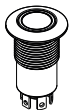
LP3S-XXXXXXX2

High Profile Curved Button



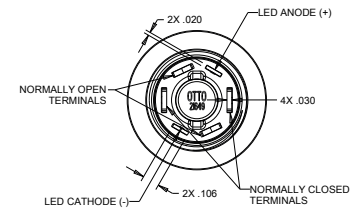
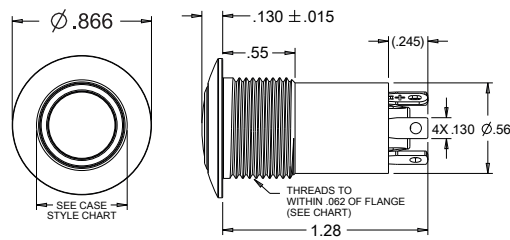
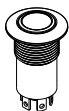
LP3S-XXXXXXX3

Low Profile Flat Button



LP3S-XXXXXXX4

Low Profile Curved Button



LP3S-XXXXXXX5

Flush Profile Flat Button

