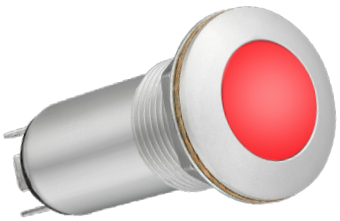
Fully Illuminated Button, Vandal Resistant Case with Optional Legends

Blue LED with L5 Legend



Red LED

Blue LED

Red LED with H1 Legend

The LP5-V series is an alternate action pushbutton switch that has been designed to provide attractive, lighted position indication for applications in harsh environments, where security and reliability are paramount.

This high reliability switch offers the durability and ruggedness our customers have come to expect with the added benefit of ring-lit or full illumination with optional legends. Choose from 73 standard legends, or create your own logo, lettering or legend.

The series features both aluminum and stainless steel cases watertight to IP68S and is UL1500 ignition protected. Momentary action is available in the LP3-V series.

The LP5-V offers positive tactile feedback and a variety of LED colors available in both flat and domed actuator bezel shapes. The switch is ideal for marine, off-highway and industrial control applications that require an illuminated switch.

Features:

- **Security (aluminum) or vandal resistant (stainless steel) case & button**
- **Ring or full illumination with optional legends**
- **Dusttight to IP64 or watertight to IP68S**
- **Variety of button options and LED colors**
- **Drop in replacement to the P5-V series**
- **UL recognized**
- **RoHS compliant**

Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

Load	Sea Level @ 28VDC or 115VAC, 60/400Hz
Resistive	5A
Inductive	3A
Lamp	1A
Motor	3A
DWV	1000Vrms through switch contacts only
Logic Level	10mA @ 5VDC
Electrical Life:	25,000 cycles; 200,000 cycles logic level

LIGHTING:

Light Source Voltage (DC)	Typ. Forward Voltage (DC)	Voltage Max (DC)
2	2	2.5
6	6	8
12	12	14
24	24	28.6

Mechanical Life:	200,000 cycles
Seal:	IP64 or IP68S
Operating Temp Range:	-55°C to +85°C
Operating Force:	3.5 lbs. +1.5/-1.0 lbs.
Total Travel:	0.180 inches max
Overtravel:	0.012 inches min

MATERIALS:

Case:	Stainless steel (316) or anodized aluminum alloy
Button:	Ring lit, clear thermoplastic Fully illuminated, translucent thermoplastic
Center Cap:	Stainless steel (316) or anodized aluminum alloy
Terminals:	Standard and logic level options available
Mounting Hardware:	Hex or knurl nut, lockwasher and panel seal gasket

OTTO
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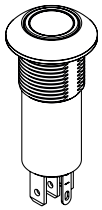
OTTO®

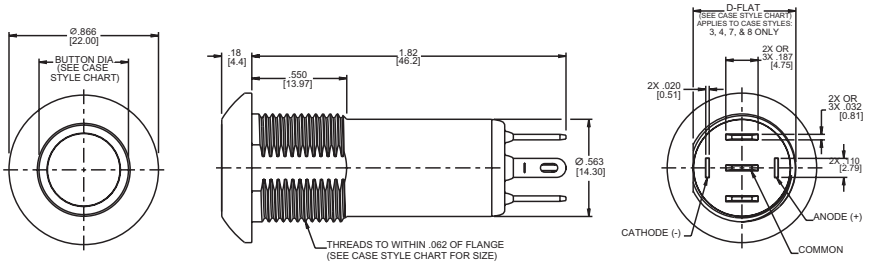
PRODUCT BULLETIN

LP5-V

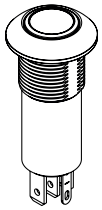
Fully Illuminated
Vandal Resistant
Pushbuttons

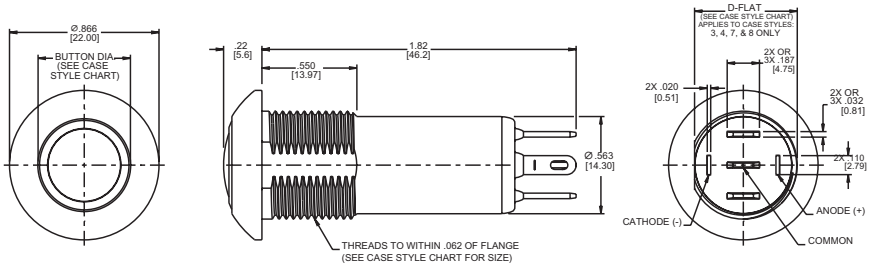
High Profile Flat Button
Button Profile Style 1



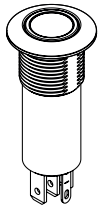


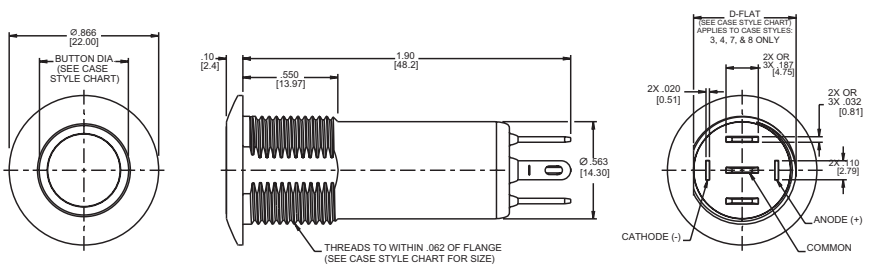
High Profile Curved Button
Button Profile Style 2



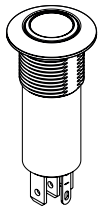


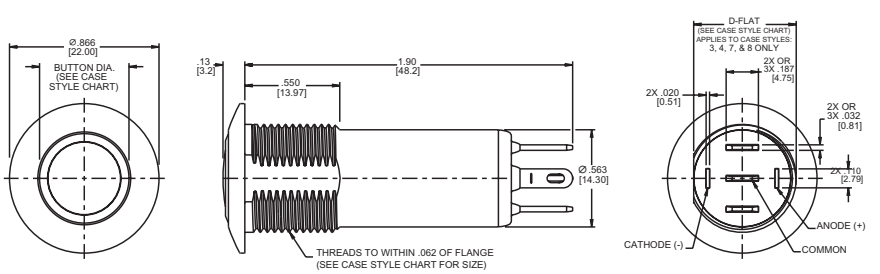
Low Profile Flat Button
Button Profile Style 3



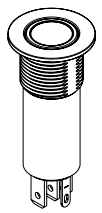


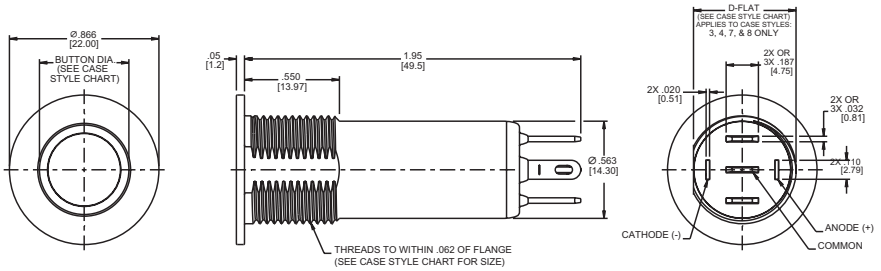
Low Profile Curved Button
Button Profile Style 4

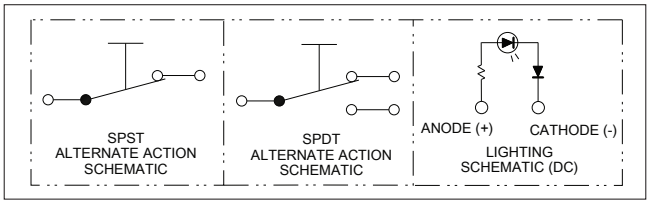




Flush Profile Flat Button
Button Profile Style 5







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