ILLUMINATED SEALED DOME PUSHBUTTONS

MOMENTARY ACTION COMMERCIAL GRADE LED ILLUMINATED & WATERTIGHT SEALED

The OTTO LP9 Lighted Dome series is a quality precision switch designed for use in panels, control grips, instruments, heavy equipment and other demanding applications where attractive, rugged, lighted pushbutton switches are required.

The LP9 series offers a positive tactile feedback, signaling the operator when the switch is operated with the added benefit of reliable LED illumination. The LP9 series offers four button versions; flush and raised profile with either a glossy or matte finish. It also comes with a threaded case for hex nut mounting while providing a short behind panel depth.

The LP9 series is constructed to meet IP68S watertight seal. Expect 25,000 operations at full rated load of 5 amps resistive or 3 amps inductive; 500,000 operations at 500mA/200mA resistive.

The LP9 series are momentary snap-action double break switches, available in standard and low operate forces. The LED is available in five colors and has the ability to accommodate 2 or 12VDC.

Features:

- Watertight to IP68S
- LED lighted with the ability to accommodate 2 or 12VDC
- LED available in 6 colors
- Flush & raised button style
- Matte or glossy button finish
- Positive tactile feedback contact transfer
- Withstands extreme shock & vibration
- · Short behind panel depth
- RoHS/WEEE/Reach compliant



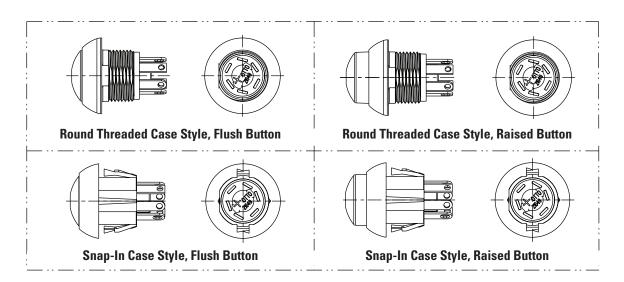
Standard Characteristics/Ratings:				
ELECTRICAL RATINGS:	S: Sea Level @ 28VDC or 115VAC, 60/400Hz			
Load	N.O./N.C.	Cycles	Operating Force	
Resistive	5A	25,000	Standard	
Inductive	3A	25,000	Standard	
Resistive	500mA	500,000	Standard	
Resistive	200mA	500,000	Low or Standard	
DWV	1050Vrms through switch contacts only			
Low Level	10mA @ 30mV	25,000		
Electrical Life:	See Rating Chart			
LIGHTING:				
Light Source Voltage (D	C) Actual Volta	ge 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 +/- 0.5 lb. (standard force) 12 +/- 4 oz (low force)			
Total Travel:	0.080 inches max			
Overtravel:	0.010 inches min			
MATERIALS:				
Case:	Thermoplastic			
Button:	Thermoplastic			
Terminals:	Silver with gold plate			
Mounting Hardware:	Hex nut and lockwasher for round/threaded style case only Panel gasket for snap-in style case only			

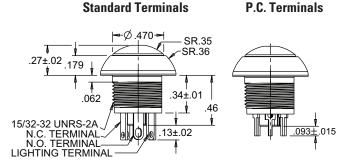
X
Button Color
1 . Red
2. Black
3. Orange
4. Yellow
5. Green
6. Blue
7. Violet
8. Gray
9. White

^{*} Button and case will be of the same texture.
For all mixed gloss/matte combination options, contact factory.

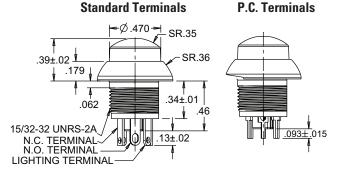
^{**} For minimum requirement, contact factory.

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FLUSH BUTTON ROUND THREADED



RAISED BUTTON ROUND THREADED

