PUSHBUTTONS

ALTERNATE ACTION, SEALED AGAINST DUST & MOISTURE

The P5-V switch gives you all the functionality of the P5 Alternate Action switch with the added benefit of an aluminum security level case and button or a stainless steel vandal resistant case and button.

Push and the P5-V switch turns "on." Push again and the switch turns "off." Positive tactile feedback is featured so the operator is clearly aware the switch has been actuated. The button returns to the original position after each actuation.

To guard against front panel splash and dirt the P5-V is sealed at the button with OTTO's patented "rolling sleeve" design. The terminals are sealed with epoxy, providing a seal against flux during wiring and behind panel dirt and moisture. The combination of sealing provides smooth operation over a wide temperature range. Watertight sealing to IP68S and IP69K is also available.

We are able to provide custom button engraving with epoxy ink backfill and other special characters, shrouded buttons, contact configurations and materials to suit your application requirements.

Features:

- Security (aluminum) or vandal resistant (stainless steel) case & button
- Button sealed with patented "rolling sleeve" design
- Contact area sealed at case & terminals
- Watertight to IP68S and IP69K or dusttight & moisture proof to IP64
- Less than $25m\Omega$ contact resistance
- Handles low level up to 10 amps
- 1 million mechanical cycle life
- **RoHS, Reach & WEEE Compliant**



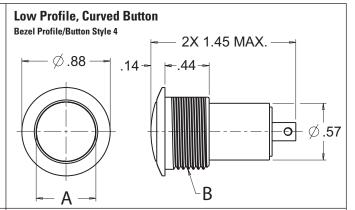


Standard Characteristics/Ratings:		
ELECTRICAL RATINGS:		
Load	Sea Level @ 28VDC or 115VAC, 60/400Hz	
Resistive	5A	
Inductive	3A	
Lamp	1A	
Motor	3A	
DWV	1050Vrms	
Low Level	10mA @ 30mV	
Electrical Life:	25,000 cycles	
Mechanical Life:	1,000,000 cycles	
Seal:	IP64 or IP68S and IP69K	
Operating Temp Range:	-55°C to +85°C	
Operating Force:	3.0 lbs. +1/-0.5 lb.	
Total Travel:	0.180 inches max	
Overtravel:	0.012 inches min	
MATERIALS:		
Case:	Anodized aluminum alloy or stainless steel	
Button:	Anodized aluminum alloy or stainless steel	
Terminals:	Brass with gold over silver	
Terminal Hardware:	Screw, lockwasher and terminal lug when applicable	
Mounting Hardware:	Hex nut, lockwasher and panel seal when applicable	

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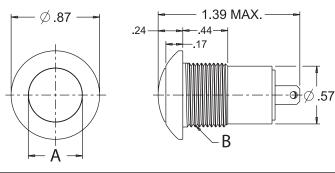
SEALED AGAINST DUST & MOISTURE

High Profile, Flat Button Bezel Profile/Button Style 1 Ø.87 -1.47 MAX.- \bullet Ø.565



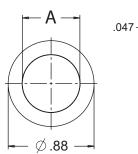
High Profile, Curved Button

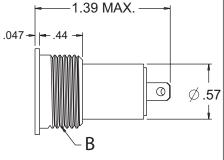
Bezel Profile/Button Style 2



Flush Mount, Flat Button

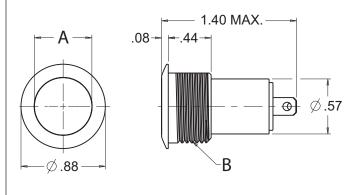
Bezel Profile/Button Style 5

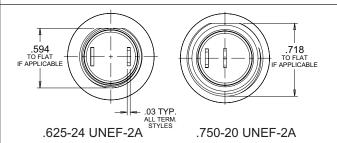




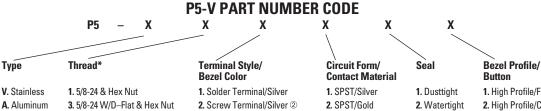
Low Profile, Flat Button

Bezel Profile/Button Style 3





Case Style			
Dimension	1 - 4	5 - 8	
A (Button Dia.)	Ø .525	Ø .590	
B (Thread)	0.625-24 UNEF-2A	0.750-20 UNEF-2A	
D-Flat	.594	0.718	



3. Solder Terminal/Black ①

4. Screw Terminal/Black ① ②

- * For Knurl Nut Thread options, contact factory.
- ① Only Available on P5-A Styles.
- ② Screw terminals available on SPST circuits only.

5. 3/4-20 & Hex Nut

7. 3/4-20 W/D-Flat & Hex Nut

- 3. SPDT/Silver
- 4. SPDT/Gold

1. High Profile/Flat Button

- 2. High Profile/Curved Button
- 3. Low Profile/Flat Button
- 4. Low Profile/Curved Button
- 5. Flush Profile

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