VANDAL RESISTANT PUSHBUTTON SWITCHES

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 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:

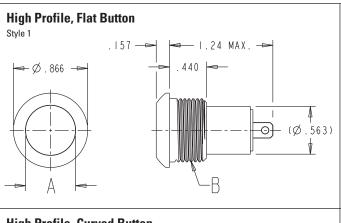
- Security (aluminum) or vandal resistant (stainless steel) case & button
- Button sealed with patented "rolling sleeve" design
- Contact area sealed at case & terminals
- Watertight to IP68S or dusttight & moisture proof to IP64
- Less than 25m Ω contact resistance
- Handles low level up to 10 amps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

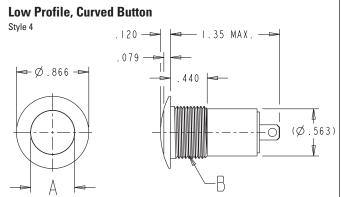




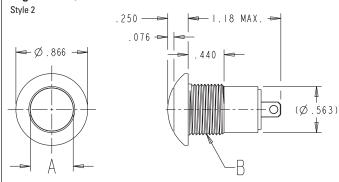
Standard Characteristics/Ratings:		
ELECTRICAL RATINGS:		
Load	Sea Level @ 28VDC or 115VAC, 60/400Hz	
Resistive	10A	
Inductive	5A	
Lamp	1A	
Motor	3A	
DWV	1050Vrms	
Low Level	10mA @ 30mV	
Electrical Life:	25,000 cycles	
Mechanical Life:	1,000,000 cycles	
Seal:	IP64 or IP68S	
Operating Temp Range:	-55°C 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 plate over silver plate	
Terminal Hardware:	Screw, lockwasher and terminal lug when applicable	
Mounting Hardware:	Hex nut or knurl nut, lockwasher and panel seal when applicable	

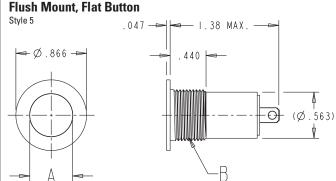
SEALED AGAINST DUST & MOISTURE



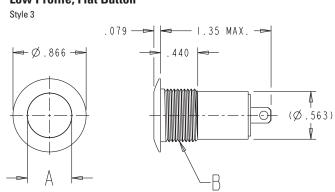


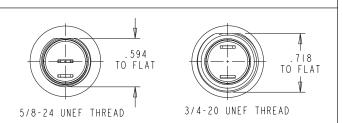
High Profile, Curved Button





Low Profile, Flat Button





Case Style			
Dimension	1 - 4	5 - 8	
A (Button Dia.)	0.525	0.590	
B (Thread)	0.625-24 UNEF-2A	0.750-20 UNEF-2A	
D-Flat	0.594	0.718	

5. Flush Profile

P5 PART NUMBER CODE P5 X Seal Terminal Style/ Circuit Form/ **Bezel Profile/** Thread Type **Bezel Color Contact Material** Button V. Stainless 1. 5/8-24 & Hex Nut 1. Solder Terminal/Silver 1. SPST/Silver 1. Dusttight 1. High Profile/Flat Button 2. Screw Terminal/Silver ② 2. SPST/Gold 2. High Profile/Curved Button 2. 5/8-24 & Knurl Nut 2. Watertight **A.** Aluminum 3. 5/8-24 W/D-Flat & Hex Nut 3. Low Profile/Flat Button 3. Solder Terminal/Black ① 3. SPDT/Silver 4. 5/8-24 W/D-Flat & Knurl Nut 4. Screw Terminal/Black ①② 4. SPDT/Gold 4. Low Profile/Curved Button

- **6.** 3/4-20 & Knurl Nut **7.** 3/4-20 W/D–Flat & Hex Nut

 ① Only Available on P5-A Styles.
 - 2 Screw terminals available on SPST circuits only.

5. 3/4-20 & Hex Nut

8. 3/4-20 W/D-Flat & Knurl Nut