

ALTERNATE ACTION PUSHBUTTONS

ATTRACTIVE AND RUGGED FOR WET AND DUSTY ENVIRONMENTS

The rugged P5 series is an alternate action "push on, push off" pushbutton switch with contoured dome styling. With two design versions, a flush dome and raised dome button profile, the P5-D series offers excellent mechanical and electrical performance while operating under severe conditions found in demanding applications.

The OTTO P5-D Dome series features unsealed, dusttight, moistureproof and watertight seal options. Expect a minimum of 100,000 operations at full rated load of 10 amperes resistive or 5 amperes inductive; up to a million operations in low signal switching applications.

The OTTO P5-D Dome series is a quality precision snap-action switch designed for use in panels, instruments, and other demanding applications where attractive, rugged pushbutton switches are required.

"Push On", "Push Off" action



9 Vibrant colors

Quality Features:

- Attractive Dome style button
- Two contoured button styles
- Button sealed with patented "rolling sleeve" principle
- Contact area sealed at case and terminals
- Watertight IP68 available
- Less than 25 milliohms contact resistance
- Handles low level to 10 amperes
- Choice of 9 button colors
- Moistureproof and dusttight to IP64 & MIL-PRF-8805 Design 2
- Watertight: IP68 available
- Unsealed construction also available

Standard Characteristics/Ratings:

OPERATIONAL:

Mechanical Life: 1,000,000 cycles minimum

Seal: Moistureproof and Dusttight

Operating Force: .3 lbs., +1/-1/2 lbs.

Temperature Range: -55°C to +85°C

MATERIALS:

Case: Anodized aluminum

Button: Thermoplastic

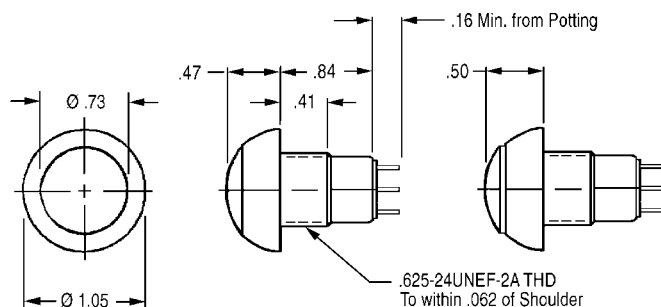
Mounting Hardware: 5/8-24 Hexnut & internal tooth Lockwasher

Contacts: Silver alloy

ELECTRICAL: (at 28 VDC or 115 VAC, 60/400 Hz.)

LOAD	AMPERES	LIFE (Min.)
Resistive	5	100,000 cycles
Resistive	10	25,000 cycles
Inductive	5	25,000 cycles
Motor	3	25,000 cycles
Lamp	1	25,000 cycles

Dielectric Withstand: 1050Vrms



P5-D PART NUMBER CODE

Button Style	Terminal Style	Circuit Form	Seal Level	Bezel Color	Button Color
1. Flush	0. Special ^①	1. SPST, Silver, Commercial	1. Unsealed	1. Clear	1. Red
2. Raised	1. Solder	2. SPST, Gold, Commercial	2. Dusttight	2. Black	2. Black
	2. Screw ^②	3. SPDT, Silver, Commercial	3. Watertight		3. Orange
		4. SPDT, Gold, Commercial			4. Yellow
		5. SPST, Silver, Military Grade			5. Green
		6. SPST, Gold, Military Grade			6. Blue
		7. SPDT, Silver, Military Grade			7. Purple
		8. SPDT, Gold, Military Grade			8. Gray
					9. White

^① Specials are serialized. Subsequent numbers do not specify standard features.

^② Screw Terminals available on SPST circuit forms only.