

ALTERNATE ACTION DOME PUSHBUTTONS

ATTRACTIVE & RUGGED FOR WET & DUSTY ENVIRONMENTS

The rugged P5-D switch 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 offers excellent mechanical and electrical performance while operating under severe conditions found in demanding applications.

The P5-D features unsealed, dusttight, moistureproof and watertight seal options. A mechanical life of one million cycles, 25,000 cycles at full load.

The P5-D 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

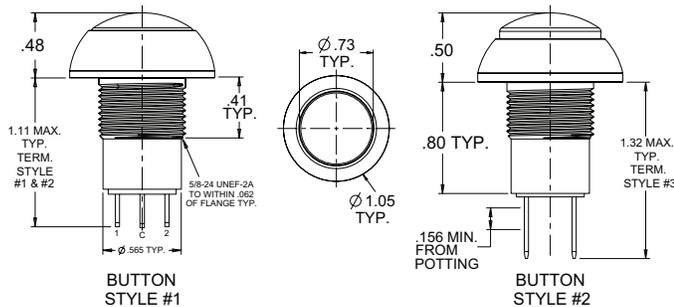


Flush Dome Button,
Also available with
Raised Dome

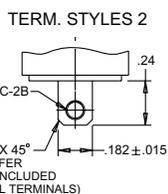
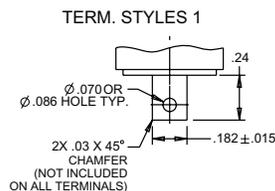


Features:

- 2 contoured button styles
- Button sealed with patented "rolling sleeve" principle
- Contact area sealed at case & terminals
- Handles logic level up to 5 amps
- Moistureproof & dusttight to IP64 & MIL-PRF-8805 Symbol 2, Symbol 3 or watertight to IP68S
- Unsealed construction also available
- RoHS compliant



Standard Characteristics/Ratings:			
ELECTRICAL RATINGS:			
Load	Sea Level @ 28VDC or 115VAC		
Resistive	5A		
Inductive	3A		
Lamp	1A		
Motor	3A		
DWV	1000Vrms		
Logic Level	10mA @ 5VDC		
Electrical Life:	25,000 cycles at full load		
Mechanical Life:	1,000,000 cycles		
Seal:	Military	Commercial	
	Unsealed	Symbol 1	Unsealed
	Dusttight	Symbol 2	IP64
	Watertight	Symbol 3	IP68S
Operating Temp Range:	-40°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		
Button:	Thermoplastic		
Terminals:	Brass with gold over silver		
Terminal Hardware:	Screws, lockwashers and terminal lugs for screw terminal option		
Mounting Hardware:	Hex nut, lockwasher		



P5-D PART NUMBER CODE

P5-D	X	X	X	X	X	X
Button Style	Terminal Style/Rating	Circuits/Contacts/Grade	Seal Level	Case Color	Button Color	
1. Flush 2. Raised	1. Solder 2. Screw ① 3. 0.250" Quick Connect ①	1. SPST/Silver/Commercial 2. SPST/Gold/Commercial 3. SPDT/Silver/Commercial 4. SPDT/Gold/Commercial 5. SPST/Silver/Military Grade 6. SPST/Gold/Military Grade 7. SPDT/Silver/Military Grade 8. SPDT/Gold/Military Grade	1. Unsealed 2. Dusttight 3. Watertight	1. Clear 2. Black	1. Red 2. Black 3. Orange 4. Yellow 5. Green 6. Blue 7. Purple 8. Gray 9. White	

① Available on SPST circuit forms only.