TION DOME PUSHBUTTONS

ATTRACTIVE & RUGGED FOR WET & DUSTY ENVIRONMENTS

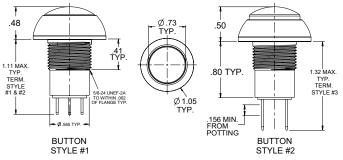
The rugged P5-D switch is an alternate action "push on, push off" pushbutton switch with contoured dome styling. With two design versions, a flush dome and raised dome button profile, the P5-D offers excellent mechanical and electrical performance while operating under severe conditions found in demanding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

Features:

- 2 contoured button styles
- Button sealed with patented "rolling sleeve" principle
- Contact area sealed at case & terminals
- Less than $25m\Omega$ contact resistance
- Handles low level up to 10 amps
- Moistureproof & dusttight to IP64 & MIL-PRF-8805 **Design 2 or watertight to IP68S options**
- Unsealed construction also available
- **RoHS/WEEE/Reach compliant**

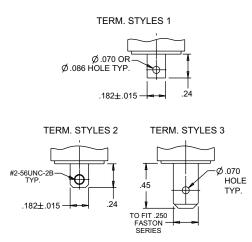


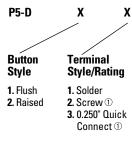


Flush Dome Button,
Also available with
Raised Dome

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ELECTRICAL RATINGS:				
Load	Sea Level @ 28VDC or 115VAC, 60/400Hz			
Resistive	10A			
Inductive	5A			
Lamp	1A			
Motor	3A			
DWV	1050Vrms			
Electrical Life:	25,000 cycles			
Mechanical Life:	1,000,000 cycles			
Seal:	IP64 & MIL-PRF-8805 Design 2 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			
Button:	Thermoplastic			
Terminals:	Brass with gold over silver			
Terminal Hardware:	Screws, lockwashers and terminal lugs for screw terminal option			
Mounting Hardware:	Hex nut, lockwasher			





Circuit Form/Contact Material/Grade 1. SPST/Silver/Commercial 2. SPST/Gold/Commercial 3. SPDT/Silver/Commercial 3. Watertight 4. SPDT/Gold/Commercial

P5-D PART NUMBER CODE

5. SPST/Silver/Military Grade 6. SPST/Gold/Military Grade

7. SPDT/Silver/Military Grade 8. SPDT/Gold/Military Grade

Seal Level Bezel Color

1. Unsealed 1. Clear 2. Dusttight 2. Black

Color 1. Red 2. Black

Button

3. Orange 4. Yellow 5. Green

6. Blue 7. Purple

8. Gray

9. White

1 Available on SPST circuit forms only.