## ALTERNATE ACTION DOME PUSHBUTTONS

## ATTRACTIVE & RUGGED FOR WET & DUSTY ENVIRONMENTS

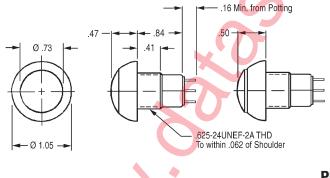
The rugged P5-D switch is an alternate action "push on, push off" pushbutton switch with contoured dome styling. With two design versions, a flush dome and raised dome button profile, the P5-D offers excellent mechanical and electrical performance while operating under severe conditions found in demanding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

## **Features**:

- 2 contoured button styles
- Button sealed with patented "rolling sleeve" principle
- Contact area sealed at case & terminals
- Less than 25mΩ contact resistance
- Handles low level up to 10 amps
- Choice of 9 button colors
- Moistureproof & dusttight to IP64 & MIL-PRF-8805 Design 2 or watertight to IP68S options
- Unsealed construction also available
- RoHS/WEEE/Reach compliant



USTY ENVIRONMENTS

Standard Characteristics/Ratings:	
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

## **P5-D PART NUMBER CODE** P5-D Х Х Х Х Х Х Terminal Button **Circuit Form/Contact** Seal Level Bezel Button Style Style/Rating Material/Grade Color Color 1. Flush 1. Solder 1. SPST/Silver/Commercial 1. Unsealed 1. Clear 1. Red 2. Raised 2. Screw ① 2. SPST/Gold/Commercial 2. Dusttight 2. Black 2. Black 3. 0.250" Quick 3. SPDT/Silver/Commercial 3. Watertight 3. Orange Connect 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 Screw terminals available on SPST circuit forms only.