ALTERNATE ACTION DOME PUSHBUTTONS

ATTRACTIVE & RUGGED FOR WET & DUSTY ENVIRONMENTS

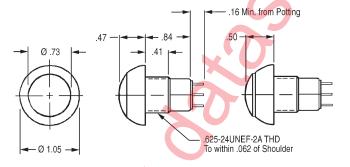
The rugged P5-D switch is an alternate action "push on, push off" pushbutton switch with contoured dome styling. With two design versions, a flush dome and raised dome button profile, the P5-D offers excellent mechanical and electrical performance while operating under severe conditions found in demanding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

The P5-D features unsealed, dustight, 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





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Standard Characteristics/Ratings:						
	ELECTRICAL RATINGS:					
	Load	Sea Level @ 28VDC or 115VAC, 60/400Hz				
	Resistive	10A				
	Inductive	5A				
	Lamp	1A				
	Motor	3A				
	DWV	1050Vrms				
l	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				
l	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				

Hex nut, lockwasher

4			P5-D PART NUME	P5-D PART NUMBER CODE		
	P5-D	X X	X X	X	X	
	Button Style	Terminal Style/Rating	Circuit Form/Contact Material/Grade	Seal Level		Button Color
	1. Flush 2. Raised	1. Solder 2. Screw ① 3. 0.250" Quick Connect	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	 Unsealed Dusttight Watertight 	2. Black 2	I. Red 2. Black 3. Orange 4. Yellow 5. Green 6. Blue 7. Purple 3. Gray 9. White

Mounting Hardware:

① Screw terminals available on SPST circuit forms only.