

FEATURING OTTO B5 SERIES BASIC SWITCHES

These subminiature sealed switches are contained in a rugged aluminum housing with choice of lever, roller and plunger. Featuring the OTTO B5 series basic switch, the P6-3 series is able to switch up to 10 amperes. The high contact pressure and superior wiping action of the OTTO design also makes the P6-3 series an excellent choice when switching logic level loads.

Sealing against water and other liquids is per MIL-PRF-8805. Wire leaded models feature potted leads. The solder terminals are epoxy sealed.



Quality Features:

- Compact: Only .85" w. x 1.17" h. x .32" thick
- Watertight to MIL-PRF-8805
- Choice of four actuator styles
- Choice of two termination styles
- 10 ampere switching capability
- High contact pressure for low levels
- Precision operating points

OPERATIONAL:				
Operating Force:	2.5 lbs. maximum			
Release Force:	0.5 lbs. minimum			
Movement Differential:	0.020 ±.010 in.			
Pretravel:	0.050 in. maximum			
Operate Point:	0.406 ±.010 in.			
Overtravel:	0.012 in. minimum			
Strength of Actuator:	25 lbs., typical			
Electrical Life, at full load:	50,000 cycles			
Mechanical Life:	50,000 cycles			
PHYSICAL:				
Temperature Range:	Continuous -55°C to +85°C			
Seal:	Enclosure Design 3, Watertight per MIL-S-8805			
ELECTRICAL:				
Circuitry	Type of Load	Sea Level @28 VDC	50,000 Ft. @28 VDC	125/250 VAC 60Hz.
SPNO-DB	Resistive	10.0 A	10.0 A	10.0 A
SPNC-DB	Inductive*	7.5 A	3.5 A	5.0 A
Double-Break	Lamp	4.0 A	—	3.0 A
*L/R = .026				
Minimum Current:		.04 Amperes		
Dielectric Strength:		1050 Volts RMS		

P6-3 PART NUMBER CODE

