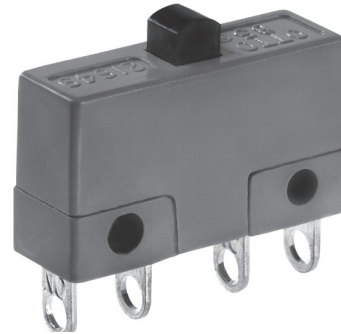


MINIATURE BASIC SWITCHES

DOUBLE BREAK, SNAP-ACTION COMMERCIAL & MILITARY GRADES, MINIATURE

B5 series basic switches are miniature in size and feature up to 10 amps switching capability of 100,000 cycles. Mechanical life is one million cycles.

The molded housing is rugged and structurally stable. The terminals are sealed against solder flux entering the switch and are bright acid tin plated for excellent solderability.



Solder Terminal Style

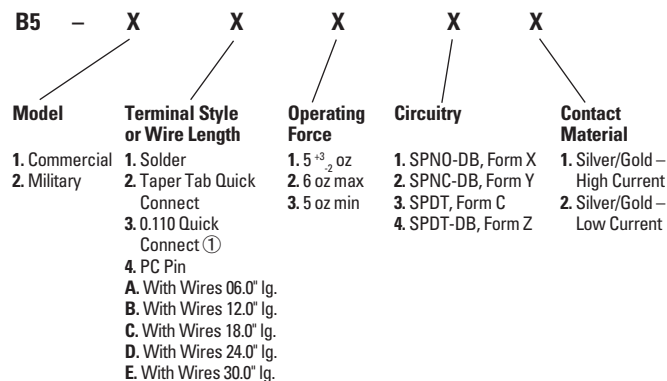


Features:

- Up to 10 amps switching capability
- High contact pressure
- Precision operating points
- Button accepts actuation directly from cam
- Constructed in accordance with MIL-PRF-8805/7
- Available in Commercial & Military grades
- Choice of four standard terminal styles or wire leads
- UL recognized
- B5-21141 qualified to MS27217-1
- Momentary action
- RoHS compliant

Standard Characteristics/Ratings:				
ELECTRICAL RATINGS:				
Circuitry	Load	Sea Level @ 28VDC	70,000 feet @ 28VDC	Sea Level @ 115VAC, 60Hz
SPNO-DB & SPNC-DB	Resistive	10A	10A	10.1A
	Inductive*	7.5A	3.5A	5A
	Lamp	1A	N/A	3A
SPDT-DB	Resistive	10A	10A	10.1A
2 Circuit	Inductive*	5A	2A	5A
	Lamp	3A	N/A	1.5A
SPDT	Resistive	10A	10A	10.1A
	Inductive*	3A	1.5A	N/A
	Lamp	3A	N/A	N/A
*L/R = 0.026				
DWV		1000Vrms	400Vrms	
Electrical Life:	100,000 cycles			
Mechanical Life:	1,000,000 cycles			
Seal:	Unsealed			
Operating Temp Range:	-65°C to +125°C			
Operating Force:	5 oz, +3/-2 oz or 6 oz max or 3 oz min			
Release Force:	2 oz min			
Operate Point:	0.406 +/- 0.010 inches from mounting holes			
Overtravel:	0.012 inches min			
Movement Differential:	0.020 +/- 0.005 inches			
Pretravel:	0.050 inches max			
MATERIALS:				
Case:	Thermoset, blue			
Cover:	Thermoset, blue			
Button:	Thermoplastic, black			
Terminals:	Brass with bright acid tin plating			
Contacts:	Stationary: Silver with gold Moveable: Silver with gold			
Terminal Hardware:	None provided, optional wires			
Mounting Hardware:	None provided			

B5 PART NUMBER CODE



① Mates with AMP Series 110 receptacles.

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