

SINGLE BREAK, COMMERCIAL & MILITARY GRADES, TWO WIDTHS

Features:

- Choice of 0.156" & 0.200" wide models
- Up to 7 amps switching
- Sensitive movement differentials
- Low operating forces
- Choice of 8 terminal styles or wire leads
- Long operating life
- Qualified under MIL-PRF-8805/4, MIL-PRF-8805/106 & MIL-PRF-8805/109
- UL recognized & CSA certified
- RoHS/WEEE/Reach compliant

Electrical Ratings		
High Level switch ratings		
Load	Rating – sea level	Rating – 50000 ft
115 VAC, 60 Hz silver contacts with gold plate		
Resistive	7 A	N/A
Inductive	7 A	N/A
Lamp	2 A	N/A
28 VDC, silver contacts with gold plate		
Resistive	7 A	4 A
Inductive	4 A	2.5 A
Lamp	2.5 A	2.5 A
Low level switch ratings		
28 VDC, gold plate contacts		
Resistive	1 A	1 A
Inductive	0.5 A	0.5 A
Lamp	N/A	N/A
DMV	1000 Vrms	400 Vrms
Electrical Life	25,000 to 100,000 cycles (dependent on part number)	
Mechanical Life	50,000 to 250,000 cycles (dependent on part number)	
Seal	Unsealed	
Operating Temp Range	-55°C to +85°C, high temp rating -55°C to +205°C	
Operating Force	5 oz or 6 oz	
Release Force	1 oz min	
Operate Point	0.320 +/- 0.015 inches from mounting holes	
Overtravel	0.004 inches min	
Movement Differential	0.006 inches max	

Pretravel	0.020 inches max
Materials	
Case	Thermoset, blue
Cover	Thermoplastic, blue
Button	Thermoplastic, black
Terminals	Brass, gold over nickel
Contacts	Stationary: Silver with gold Moveable: Silver or gold
Terminal Hardware	None provided
Optional Wires	24 AWG blue, red, yellow
Mounting Hardware	None provided

MILITARY GRADES, SUB-SUBMINIATURE DOUBLE BREAK, SNAP-ACTION

Features:

- Low level switching capability
- Less than 25mΩ contact resistance
- Up to 8 amps switching capability
- Button accepts actuation directly from a cam
- Choice of 0.156" & 0.200" wide models
- Choice of 6 standard terminal styles or wire leads
- Available in Commercial & Military grades
- UL recognized & CSA certified
- Qualified under MIL-PRF-8805/76 & MIL-PRF-8805/101
- RoHS/WEEE/Reach compliant

Electrical ratings				
Circuitry	Load	Sea Level @ 28 VDC	70000 ft @ 28 VDC	Sea Level @ 115 VAC, 60/400 Hz
SPST-NO or NC	Resistive	8 A	8 A	8 A
Form Z		5 A	5 A	5 A
Form C		5 A	5 A	5 A
Gold Contacts		5 A	5 A	N/A
SPST-NO or NC	Inductive	5 A	3 A	5 A
Form Z		3 A	2 A	3 A
Form C		2.5 A	1.5 A	2.5 A
Gold Contacts		3 A	2 A	3 A
Lamp		1 A	N/A	1 A
Motor		5 A	N/A	
DMV		1050 Vrms	1050 Vrms	
Low Level		Gold contacts 10mA @ 30mV		
Electrical Life		50,000 cycles at full load		
Mechanical Life		1,000,000 cycles		
Seal		Unsealed		
Operating Temp Range		-65°C to +125°C		
Operating Force		5 oz +3/-2 oz typical, 6 oz max, or 5 oz min options		
Release Force		1.5 oz min		
Operate Point		0.320 +/- 0.015 inches from mounting holes		

Overtravel	0.004 inches min
Movement Differential	0.018 +/- 0.008 inches
Materials	
Case	Thermoset, blue
Cover	Thermoplastic, blue
Button	Thermoplastic, black
Terminals	Brass with gold
Contacts	Stationary: Silver with gold plate Moveable: Silver or gold plate
Terminal Hardware	None provided
Mounting Hardware	None provided

Momentary action, sealed sub-subminiature pushbutton snap-action switches

Features:

- Low level switching capability
- Less than 25mΩ contact resistance
- High contact pressure
- 6 circuit variations
- Positive tactile feedback
- Variety of mounting styles
- Qualified to MIL-PRF-8805/110
- Moistureproof & dusttight to IP64 & MIL-PRF-8805 Design 2 or watertight to IP68S & MIL-PRF-8805 Design 3

Electrical ratings		Sea level @ 28 VDC			50000 ft @ 28 VDC		
Load	Circuits	1 & 2	3 - 5	6	1 & 2	3 - 5	6
Resistive		5 A	2.5 A	4 A	5A	2.5 A	4 A
Inductive		3 A	1.5 A	2 A	3 A	1.5 A	2 A
Lamp		1 A	0.5 A	N/A	N/A	N/A	N/A
Motor		3 A	1.5 A	N/A	N/A	N/A	N/A
DMV		1050 Vrms			400 Vrms		
Center Contact		3A max					
Low level		10mA @ 30mV					
Electrical life		25000 cycles					
Mechanical life		1000000 cycles					
Seal		IP64 and MIL-PRF-8805 Design 2 or IP68S and MIL-PRF-8805 Design 3					
Operating Temp		-55°C to +85°C					
Operating Force		1.7 +/- 0.5 lb.					
Total Travel		0.080 inches max					
Overtravel		0.010 inches min					
Materials:							
Case		Anodized aluminum alloy					
Button		Button: Thermoplastic					
Terminals		Brass with gold over silver					
Terminal Hardware		None provided					
Mounting Hardware		Hex nut, lockwasher and panel gasket when applicable					