



**BSZ SERIES : Basic Micro Switch**

**FEATURES**

- High Grade ABS Plastic body
- Contact Rating 15A/230VAC (resistive low)
- Wide Variety of Operating Heads
- Dust, Water Proof & Oil Resistance Construction



**CHARACTERISTICS**

Operating Speed	0.01mm-1m/sec
Operating Frequency	Electrical: 20 operations/min.
Contact Resistance	15mΩ max. (initial value)
Insulation Resistance	100mΩ min. (at 500VDC)
Dielectric Strength	1000VAC, 50/60 Hz for 1 minute between terminals of the same polarity
	1500VAC, 50/60 Hz for 1 minute between current carrying and non- current-carrying metal parts
	1500VAC, 50/60 Hz for 1 minute between each terminal and ground
Vibration	10-55Hz, 1.5mm double amplitude
Shock	Mechanical durable: 1, 000m/Sec2 (about 100G'S)
	Electrical: 300m/Sec2 (about 30G'S)
Ambient temperature	-15°C to +80°C(with no icing)
Humidity	General purpose type: 35-85% RH
	Sealed type: 35-95% RH max
Life	Electical: 500,000 operations above
Degree of protection	IP66 (IEC Standard)

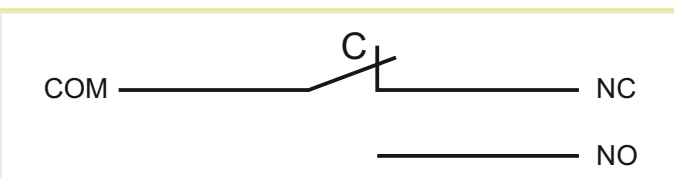
**RATING**

Rated Voltage	Non-inductive Load (A)		Inductive Load (A)			
	Resistance Load		Lamp Load	Motor Load		
	NC	NO	NC	NO		
125VAC	15	3	1.5	15	5	2.5
250VAC	15	2.5	1.25	15	3	1.5
500VAC	3	1.5	0.75	2.5	1.5	0.75
8VDC	15	3	1.5	1.5	5	2.5
14VDC	15	3	1.5	10	5	2.5
30VDC	6(2)	3	1.5	5	5	2.5
125VDC	0.4	0.4	0.4	0.05	0.05	0.05
250VDC	0.2	0.2	0.2	0.03	0.03	0.03

**ORDER CODE**

MODEL	DESCRIPTION	MOQ
BSZ-15-H	Hing lever	20
BSZ-15-HS	Short Hing Lever	20
BSZ-15-RH	Roller Hing Lever	20
BSZ-15-RHS	Roller Short Hing Lever	20
BSZ-15-PS	Short Pin Plunger	20
BSZ-15-P	Pin Plunger	20
BSZ-15-RP	Roller Pin Plunger	20
BSZ-15-RPC	Cross Roller Pin Plunger	20

**CONTACT FORM**



**OPERATING CHARACTERISTICS**

MODEL	Operating Force (Max.)	Release Force (Min.)	Pre Travel (Max.)	Over Travel (Min.)	Movement Defential (Max.)	Operational Position
Hing lever (BSZ-15-H)	0.69N	0.14N	5.6mm	1.27mm	28.2mm	19±0.8mm
Short Hing Lever (BSZ-15-HS)	1.57N	0.27N	2mm	1mm	24.8mm	19±0.8mm
Roller Hing Lever (BSZ-15-RH)	1.27N	0.21N	4mm	1.6mm	36.5mm	30.2±0.8mm
Roller Short Hing Lever (BSZ-15-RHS)	1.57N	0.41N	2.4mm	0.5mm	32.5mm	30.2±0.4mm
Short Pin Plunger (BSZ-15-PS)	2.45~3.43N	1.12N	0.4mm	1.6mm	0.05mm	21.5±0.5(mm)
Pin Plunger (BSZ-15-P)	2.45~3.43N	1.12N	0.4mm	5.5mm	0.05mm	21.8±0.8(mm)
Roller Pin Plunger (BSZ-15-RP)	2.45~3.43N	1.12N	0.4mm	3.58mm	0.05mm	33.±1mm(5)mm
Cross Roller Pin Plunger (BSZ-15-RPC)	2.45~3.43N	1.12N	0.4mm	3.58mm	0.05mm	33.±1mm(5)mm

