



**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)   |

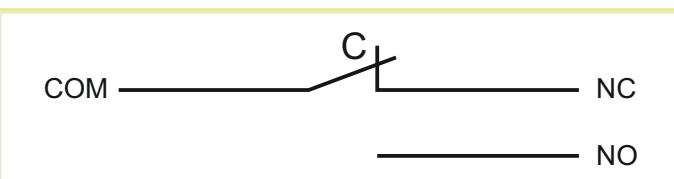
**RATING**

| 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         |

