

OTTO's New Sealed, Double Break Basic Switch

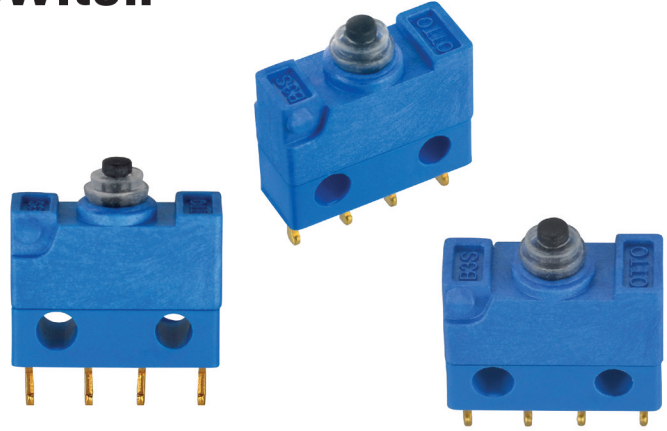
OTTO's sealed, double break B3S basic switch is designed for demanding applications that require a reliable seal. Sealed to IP68S, the B3S basic switch has a high cycle life - tested to 1 million cycles at logic level. The switch is also capable of handling up to an 8 amp resistive load.

Great double break circuit versatility is available with your choice of normally open (Form X), normally closed (Form Y), 3 terminal SPDT (Form C) or 4 terminal SPDT (Form Z).

The B3S is designed for use in places where space is limited, with or without lever actuators. In addition, they can be used as part of pushbutton, trigger and toggle switches that require sealing for demanding applications. Multiple terminal styles and wire lead options are available.

B3S Features:

- Sealed to IP68S
- Double break circuit
- Logic level switching option tested to 1 million electrical cycles
- 0.200" switch width
- Choice of 11 standard terminal styles or wire leads
- Lever actuators are also available
- RoHS/WEEE/Reach compliant



B3S Standard Characteristics/Ratings:			
ELECTRICAL RATINGS:		Sea Level @ 28VDC	
Rating	Load	Current	Life Cycles
High Level N.C. or N.O. Form C	Resistive	8A	50,000
High Level N.C. or N.O. Form Z	Resistive	8A	50,000
High Level SPDT Form C	Resistive	5A	50,000
High Level SPDT Form Z	Resistive	5A	50,000
Logic Level @ 5VDC	Resistive	10mA	1,000,000
DWV	1000Vrms		
Mechanical Life:	1,000,000 cycles		
Seal:	IP68S		
Operating Temp Range:	-40°C to +85°C		
Operating Force:	1.6 +/- 2 oz.		
Overtravel:	.004 min.		
Release Force:	1 oz. min.		
Movement Differential:	.018 +/- .008		
MATERIALS:			
Cover:	Blue Thermoplastic		
Base:	Blue Diallyl Phthalate		
Boot:	Silicone Rubber		

Switch Width Actuator X	Terminal Style or Wire Length X	Operating Force X	Circuitry X	Contact Rating X
B3S – 1. 0.200" Wide, Straight Plunger	1. PC Pins 2. Turret, 1/8" lg. 3. Turret, 3/16" lg. 4. Wire Wrap 5. Right Angle PC Pins 6. Wide Solder	A. With Wires 6.0" Long B. With Wires 12.0" Long C. With Wires 18.0" Long D. With Wires 24.0" Long E. With Wires 30.0" Long	1. SPNO-DB, Form X 2. SPNC-DB, Form Y 3. SPDT, Form C 4. SPDT-DB, Form Z	1. High Level Ratings 2. Logic Level Ratings

