

B3S-5 Sealed Basic Switch

Sealed Basic Switch with Integral Lever Actuators



"U" Shaped
Lever Style 2



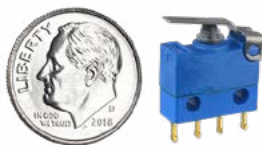
In-Line Roller
Lever Style 3



Standard Straight
Lever Style 1

The B3S-5 sealed, subminiature basic switch is made with an integral actuating lever, combining the switch and actuator into one assembly. Sealed to IP68S, the snap-action switch is tested to 1 million cycles at logic level, offering reliable operation in demanding applications and precision in terms of accuracy and repeatability.

The B3S-5 subminiature switch is designed for use in places where space is limited, including internally within toggle, pushbutton and limit switches. It works well in the aerospace, industrial and material handling markets for applications such as conveyor belts, forklifts, ON/OFF switches, door latching mechanisms, fire suppression systems, and timing devices.



Actual Size

Features:

- Integral Lever Actuators
- 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
- RoHS compliant

Benefits:

- Great for use where space is limited
- No auxiliary parts to assemble
- Versatile and reliable

B3S-5 Sealed Basic Switch

SEALED BASIC SWITCH WITH INTEGRAL LEVER ACTUATORS

PRODUCT BULLETIN

BASIC SWITCH DIMENSIONS
(APPLIES TO ALL SWITCHES IN THIS DRAWING)

TERMINAL STYLE 1
PC PINS

TERMINAL STYLE 5
RIGHT ANGLE PC PINS

TERMINAL STYLE 2
TURRET, 1/8" LONG

TERMINAL STYLE 3
TURRET, 3/16" LONG

TERMINAL STYLE 4
WIRE WRAP

TERMINAL NO.	WIRE COLOR
1	BROWN
2	YELLOW
3	RED
4	BLUE

WIRE LENGTH CODE	DIM. "X"	DIM. "Y"
A	6.00±.38 [152.4±9.7]	6.09±.38 [154.7±9.7]
B	12.00±.50 [304.8±12.7]	12.09±.50 [307.1±12.7]
C	18.00±.50 [457.2±12.7]	18.09±.50 [459.5±12.7]
D	24.00±.50 [609.6±12.7]	24.09±.50 [611.9±12.7]
E	30.00±.75 [762.0±19.05]	30.09±.75 [764.3±19.05]

WIRE LENGTH FOR A, B, C, D, & E

STANDARD STRAIGHT LEVER (LEVER TYPE OPTION 1)

OPER. POINT: .378±.029
OVERTRAVEL: .010 MIN.
MOVE. DIFF.: .038±.019

"U" SHAPED LEVER (LEVER TYPE OPTION 2)

OPER. POINT: .448±.025
OVERTRAVEL: .010 MIN.
MOVE. DIFF.: .033±.017

IN-LINE ROLLER LEVER (LEVER TYPE OPTION 3)

OPER. POINT: .585±.030
OVERTRAVEL: .010 MIN.
MOVE. DIFF.: .036±.020

CIRCUIT STYLE 1
SPNO-DB, FORM X

CIRCUIT STYLE 2
SPNC-DB, FORM Y

CIRCUIT STYLE 3
SPDT, FORM C

CIRCUIT STYLE 4
SPDT-DB, FORM Z