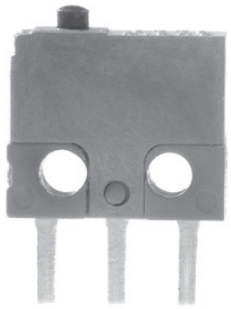
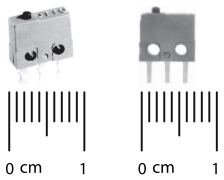
B1 Ultra Small Subminiature

B1 series commercial- and military-grade basic switches are ultra-subminiature in size, designed to reliably switch logic level signals as well as up to 2 amps switching capacity for a minimum of 25,000 cycles.

The molded housing is rugged and structurally stable. The terminals are molded-in and sealed against solder flux entering the switch. The terminals are available in a choice of double turret solder style and 0.020" x 0.025" PC pins.

The B1 series is also available with integral lever actuators as B1-5 series.





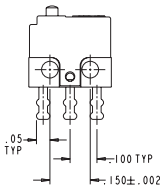
FEATURES:

- Ultra-compact:
  only 0.300" w x 0.255" h x 0.100" thick
- Logic level switching capability
- Designed in accordance with MIL-PRF-8805/94
- Available in commercial and military grades
- Choice of solder or PC pin terminals
- Precision operating points
- Momentary action
- RoHS compliant

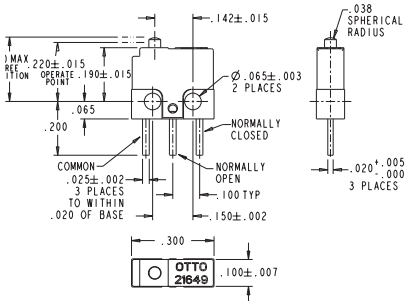
Standard Characteristics/Ratings:		
ELECTRICAL RATINGS:		
Load	**Sea Level @ 28VDC or 115VAC, 60Hz**	**50,000 feet @ 28VDC**
Resistive	2A	2A
Inductive*	0.5A	0.2A
DWV	1000Vrms	400Vrms
Logic Level	10mA @ 5VDC	10mA @ 5VDC
*L/R = 0.026		
Electrical Life:	Up to 25,000 cycles	
Mechanical Life:	B1 Series is 100,000 cycles *(B1-5 Series is up to 1,000,000 cycles)*	
Seal:	Unsealed	
Operating Temp Range:	-55°C to +125°C	
Operating Force:	6 oz max	
Release Force:	0.7 oz min	
Operate Point:	0.220 +/- 0.015 inches from mounting holes	
Overtravel:	0.003 inches min	
Movement Differential:	0.002 inches nominal, 0.005 inches max	
Pretravel:	0.015 inches max	
MATERIALS:		
Case:	Thermoset, blue	
Cover:	Thermoplastic, blue	
Button:	Thermoplastic, black	
Terminals:	Silver with gold	
Contacts:	Stationary: Silver with gold Moveable: Silver with gold	
Terminal Hardware:	None provided	
Mounting Hardware:	None provided	

B1 Drawings

DOUBLE TURRET TERMINALS
(Style Code 2)



PC PINS TERMINALS
(Style Code 3)



Your official representative

ALDERS electronic GmbH
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B1 Basic Switch
Part Number Code

B1 -	X	X	X	X	X
	Construction Grade	**Terminal Style***	**Operating Force**	**Movement Differential**	**Contact Material**
	1. Military **2.** Commercial	**2.** Double Turret **3.** PC Pins	**1.** 6 oz max	**1.** 0.005" max	**1.** Silver/Gold – High Current **3.** Silver/Gold – Low Current

* Wire leads available, contact factory.