Tactile switch with Protective Cover for increased security

- ROHS Compliant
- Protective cover prevents switch operation when cover is closed
- Spring operated cover returns to close position



Ordering Information -

■ List of Models

Contact form	Model name
Tactile Switch with protective cover	B3F-8000

Specifications —

■ Rating and Characteristics

Switching capacity	1 to 50mA, 5 to 24VDC (resistive load)	
Ambient temperature	-25°C to 70°C at 60% max. (with no icing)	
Ambient humidity	35 to 85% (for +5 °C to 35 °C)	
Contact form	SPST-NO	
Contact resistance	100 mΩ max. (initial value) (rated: 1mA, 5VDC)	
Insulation resistance	100 MΩ min. (at 250 VDC)	
Dielectric strength	500 VAC, 50/60 Hz for 1 min	
Bouncing time	5ms Max.	
Vibration resistance	Malfunction: 10 to 55 Hz, 1.5-mm double amplitude	
Shock resistance	Destruction: 1,000 m/s² max. Malfunction: 100 m/s² max.	
Life expectancy	Switch: 3,000,000 operations min. Cover: 1000,000 operations min.	

Note: 1. The data given above are initial values.

■ Operating Characteristics

Operating force (OF)	1.27 ±0.49N
Release force (RF)	0.29N Min.
Pretravel (PT)	0.3 +0.2/-0.1 mm

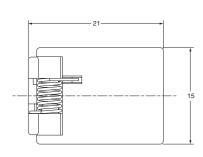
Dimensions -

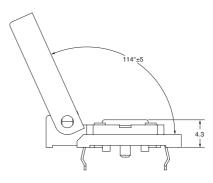
■ Dimension and Operating Characteristics

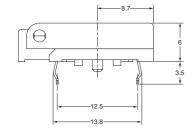
Note: 1. All units are in millimetres otherwise indicated

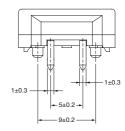
2. Unless otherwise specified, a tolerance of ±0.4mm applied to all dimensions B3F-8000

B3F-8000

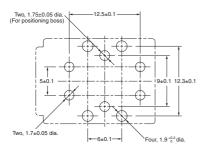








PCB mounting (TOP View) Single-sided PCB, t=1.6)



Terminal Arrangement /Internal Connections (Top View)



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ALL DIMENSIONS SHOWN ARE IN MILLIMETRES.

To convert millimetres into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.