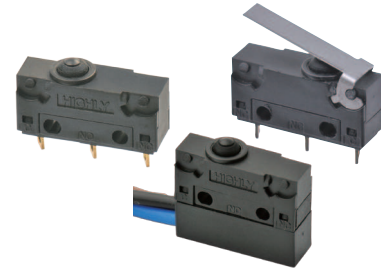


# SNAP ACTION SWITCH

## Features

- Water-tight housing conforming to IEC IP67.
- Wide range of operating temperature from -40°C ~ +120°C.
- Gold crossbar contact and coil spring offer long life expectancy and high reliability.
- RoHs compliant.



## Applications

• Automotive Door Latch, Steamer, Telephone, Air Conditioner, Humidifier, Alarm, Time Recorder, Security Device, Mixer & Chopper, Solder Gun, Neon Phone, Fax Machine, Joystick Water, Pump, Gas Detector, Pencil Sharpener, Money Sorter, Food Processor, Electric Knife, Juice Maker.

## Specifications

Item	Standard
<b>Rating</b>	6A 125V AC / 250V AC 0.1A 24VDC
<b>Operating speed</b>	0.1mm to 1 m/s (pin plunger models)
<b>Operating frequency</b>	Mechanical: 300 operations/min max. Electrical: 30 operations/min max.
<b>Insulation resistance</b>	100MΩmin. (at DC 500V)
<b>Contact resistance (initial value)</b>	50mΩmax. For terminal models 70mΩmax. For molded lead wire models
<b>Dielectric strength</b>	AC 1000V (50/60HZ for 1 minute)
<b>Vibration resistance</b>	Malfunction: 10 to 55Hz, 1.5-mm double amplitude Destruction: 1,000 m/s <sup>2</sup> {approx. 100G} max.
<b>Shock resistance</b>	Malfunction: 300 m/s <sup>2</sup> {approx. 30G} max.
<b>Durability</b>	Mechanical: 1,000,000 operations min. (60 operations/min) Electrical: 200,000 operations min.
<b>Degree of protection</b>	IP67
<b>Protection against electrical shock</b>	Class 1
<b>Ambient operating temperature</b>	-40°C ~ +120° (without wire leads) -40°C ~ +105° (with wire leads)
<b>Ambient operating humidity</b>	95% max. (for 5°C to 35°C)

## Product Selection

SR □□□

1 2 3

### 1. CONTACT

0: Silver contact

1: Gold-plated contact

### 2. ACTUATOR TYPE

00: Pin plunger

01: Short hinge lever

XX: other actuator types

### 3. TERMINAL TYPE

A: Solder Type

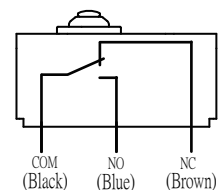
P: PCB Type

C: Cable Type

## Terminal Dimensions

Code	Solder Terminal	Code	Quick Connect Terminal (#110)
-A		-P	

## Contact Form Terminal



**HIGHLY**

B19

Design, specifications are subject to change without notice.

