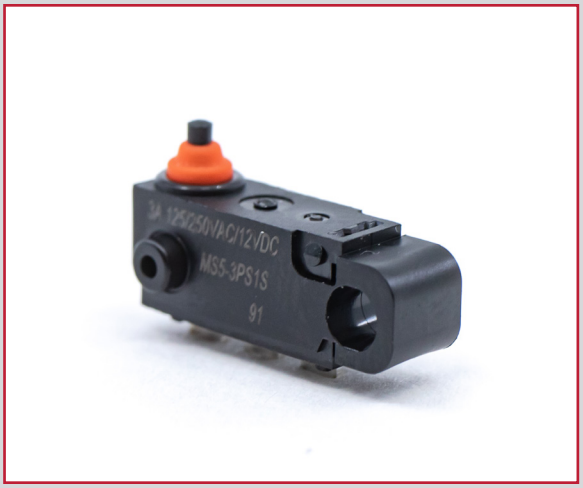
# WS1 Series Snap Action Switch






## Applications / Markets


HVAC


Electrical Housewares


Floor Care Appliances


White Goods


Vending Machines


Medical Equipment

RoHS

## Specifications

**Contact Rating:** 01 = 0.1A @ 48VDC
0.1A @ 125VAC, 250VAC
3 = 3A @ 12VDC
3A @ 125VAC, 250VAC
**Contact Resistance:** 150mΩ Max.
**Insulation Resistance:** 100MΩ Max.
**Dielectric Strength:** 500VAC for 1 minute
**Electrical Life:** 100,000 Cycles MIN.
**Mechanical Life:** 500,000 Cycles MIN.
**Operating Temperature:** -40°C to 85°C
**Moisture Protection:** IP67
**Opertating Force:** 130 gf MAX.

## Features & Benefits

- **Current rating options**
- **Multiple termination options**
- **IP67 rated**

## Part Number Configurator

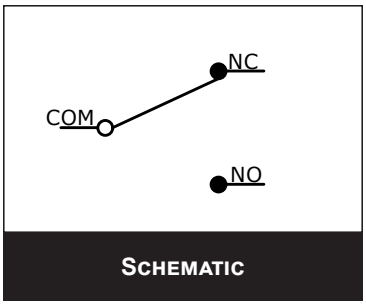
| Series | Operating Temperature | Current Rating | Actuator | Operating Force | Termination | Circuit |
|---|---|---|---|---|---|---|
| WS1 | **085** - 85°C | **01** - 0.1A @ 48VDC, 0.1A @ 125VAC, 250VAC<br>**3** - 3A @ 125VDC, 3A @ 125VAC, 250VAC | **00** - Pin Plunger | **F130** - 130 gf | **S** - Solder Lug<br>**W** - Wire Leads (162mm Length) | **A** - SPDT |

*Specifications subject to change without notice 3.14.2022*

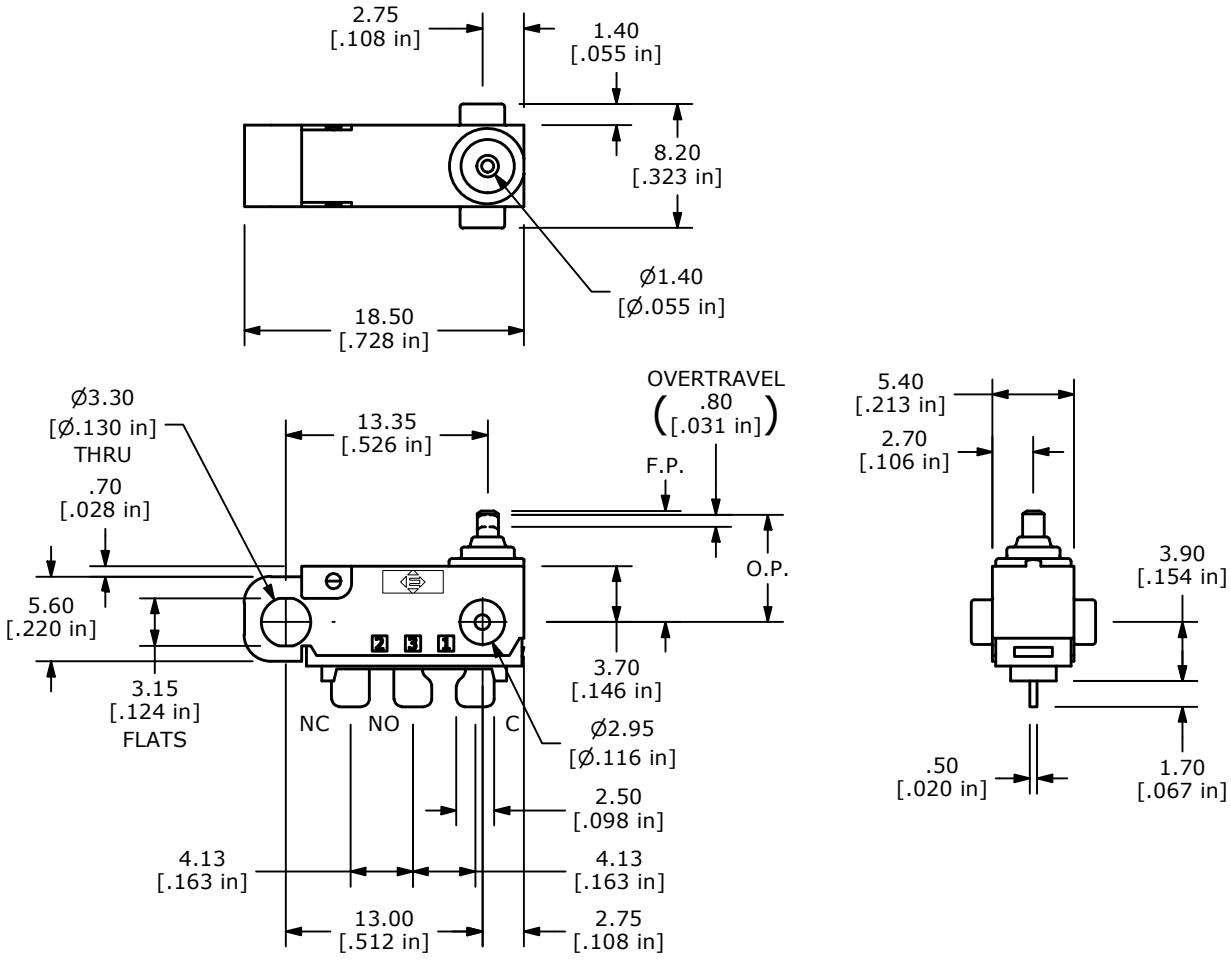
## Body Dimensions - Solder Lug

| O.P. (MM) | F.P. (MM) |
|---|---|
| 6.40~6.95 | 7.35 MAX |

O.P. = OPERATING POINT
F.P. = FREE-POSITION



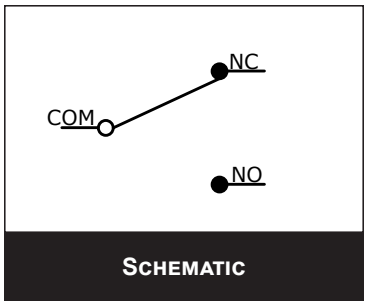

Schematic



## Body Dimensions - Wire Leads

| O.P. (MM) | F.P. (MM) |
|---|---|
| 6.40~6.95 | 7.35 MAX |

O.P. = OPERATING POINT
F.P. = FREE-POSITION




Schematic

| SWITCH | WIRE | LENGTH |
|---|---|---|
| SW1-1 (COM) | WIRE, 24AWG UL1007 STRANDED, BLACK | 162.0 [6.38 in] |
| SW1-2 (NO) | WIRE, 24AWG UL1007 STRANDED, YELLOW | 162.0 [6.38 in] |
| SW1-3 (NC) | WIRE, 24AWG UL1007 STRANDED, BLUE | 162.0 [6.38 in] |

