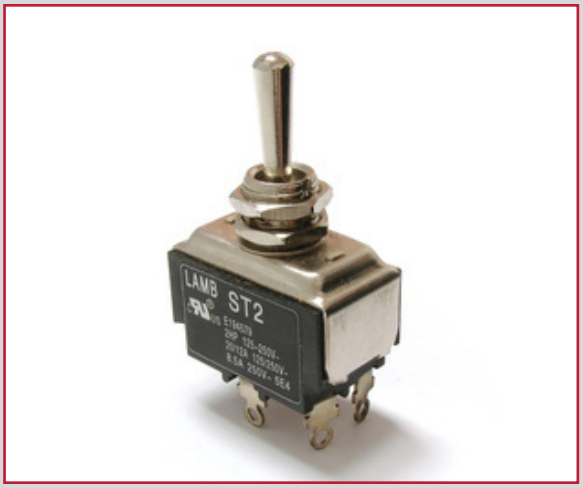
# ST2 Series Toggle Switch






## Applications / Markets


Floor Care Appliances


Commercial Appliances


Industrial Controls


Medical / Dental


HVAC


Vending Machines

RoHS

## Specifications

**Rating:** Maintained Switches: 20A 125VAC [cULus]
15A 277VAC [cULus]
2.0HP 125-277VAC [cULus]
Momentary Switches: 20A 125VAC [cULus]
15A 277VAC [cULus]
1.5HP 125-277VAC [cULus]
**Electrical Life:** 6,000 cycles
**Contact Resistance:** 50mΩ Max.
**Insulation Resistance:** 2MΩ Min. at 500VDC for 1 Minute
**Dielectric Strength:** 1,000VAC for 1 Minute
**Operating Temperature:** 0°C to 85°C
**Mounting Nut Torque:** 0.6Nm~1.0Nm

## Features & Benefits

- **Heavy duty rating with UL approvals**
- **Many funcitons available**
- **Tab, screw, and solder terminal options**
- **Soldered wire leads (500mm long) optional**

## Part Number Configurator

**Series** ☐☐☐
**ST2** - 2 Pole

**Terminal** ☐
**1** - 4.8mm Tabs
**2** - Solder
**4** - 6.3mm Tabs
**6** - Screw
**W** - Wire Leads
500mm long

**Funciton** ☐
**2** - 2 Pole Off - On
**G** - 2 Pole On - On
**E** - 2 Pole Off - (On)
**6** - 2 Pole
On - Off - On
**J** - 2 Pole
On - Off - (On)
**K** - 2 Pole
(On) - Off - (On)

**Rating** ☐
**D** - 20A 125VAC

**Actuator Type** ☐
**0** - Standard Bat

**Bushing Type** ☐
**0** - M12 x 1.0
**2** - 15/32"- 32UNS

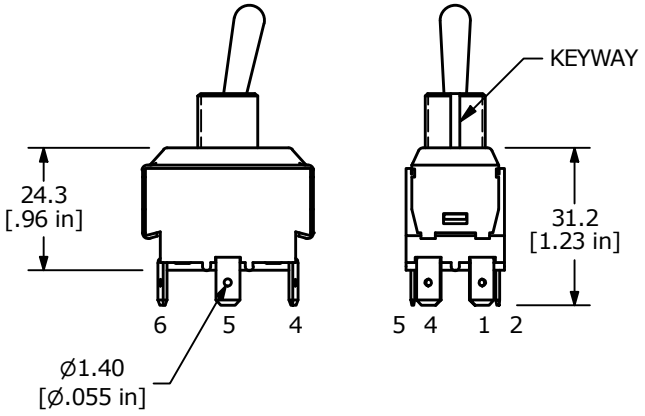
**NOTES:**
( ) = Denotes function is momentary

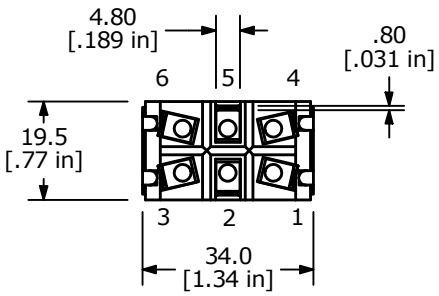
*Specifications subject to change without notice 2.16.2022*



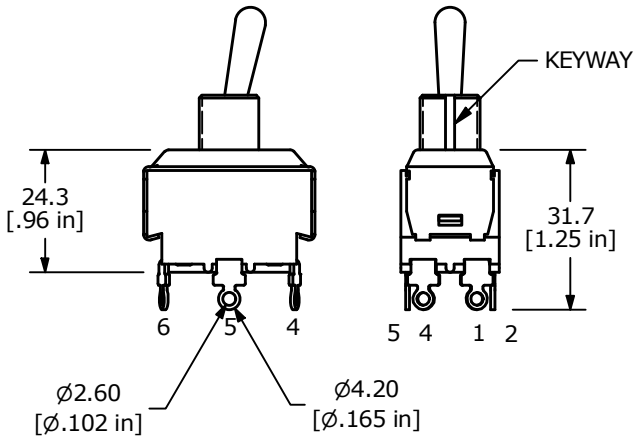
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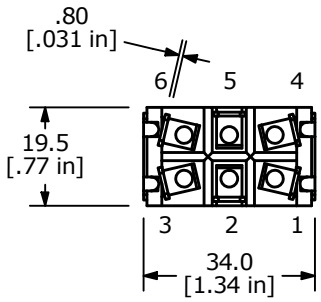
## TERMINAL OPTIONS



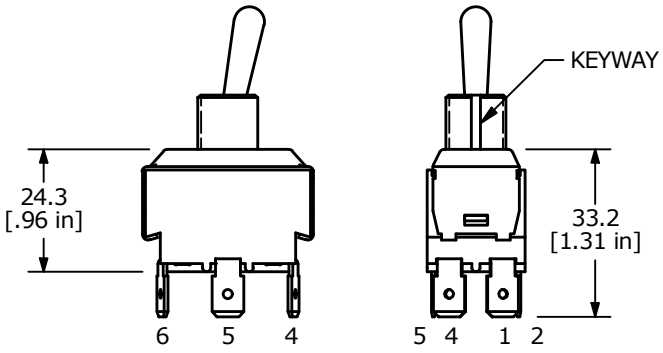



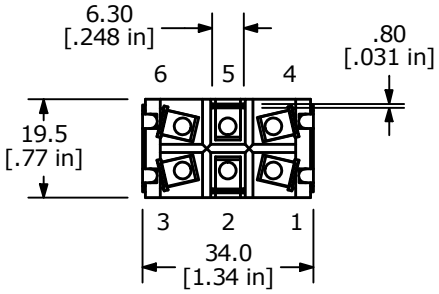

1 = 4.8mm TABS



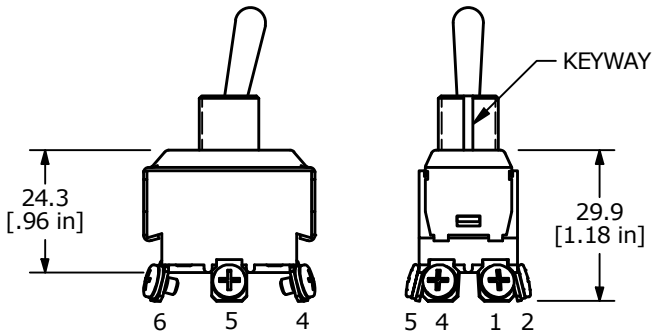



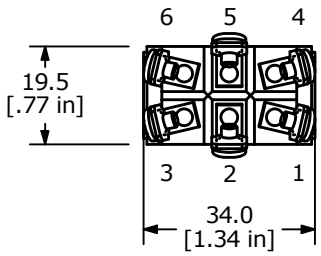

2 = SOLDER




4 = 6.3mm TABS




6 = SCREW



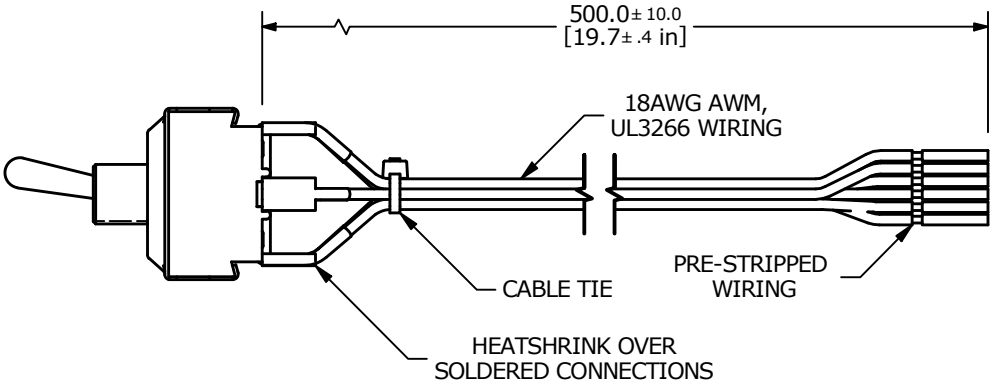


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## TERMINAL OPTIONS (CONTINUED)

| SWITCH | WIRE | LENGTH |
|---|---|---|
| SW1-1 | WIRE, 18AWG AWM UL3266, GREEN | 500.0 [19.7 in] |
| SW1-2 | WIRE, 18AWG AWM UL3266, PINK | 500.0 [19.7 in] |
| SW1-3 | WIRE, 18AWG AWM UL3266, YELLOW | 500.0 [19.7 in] |
| SW1-4 | WIRE, 18AWG AWM UL3266, BLUE | 500.0 [19.7 in] |
| SW1-5 | WIRE, 18AWG AWM UL3266, WHITE | 500.0 [19.7 in] |
| SW1-6 | WIRE, 18AWG AWM UL3266, ORANGE | 500.0 [19.7 in] |

** WIRE LEADS PROVIDED ARE DEPENDANT ON THE FUNCTION SELECTED **



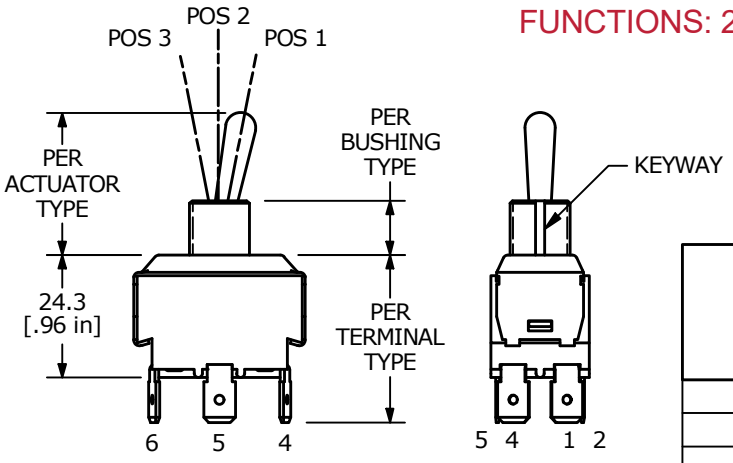

W = WIRED LEADS 500mm

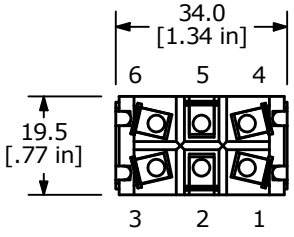


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## FUNCTION OPTIONS

### FUNCTIONS: 2, G, & E



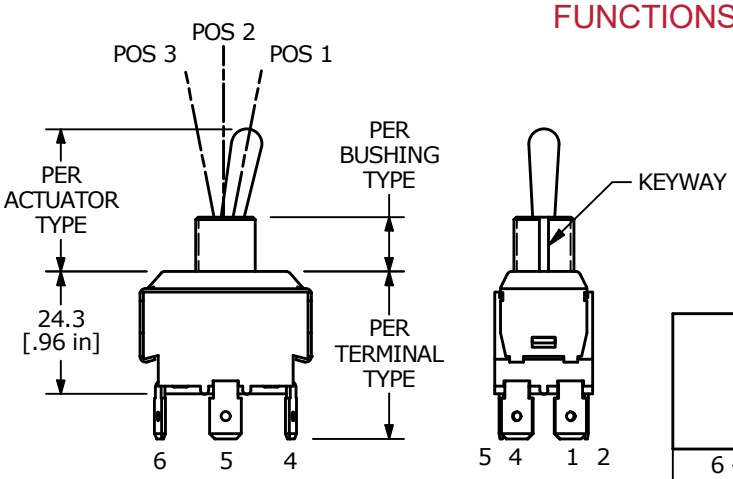



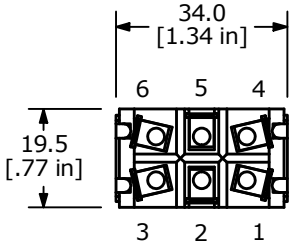

TERMINALS 3 AND 6 ONLY WITH FUNCTION G

| FUNCTION | POS. 1 | POS. 2 | POS. 3 |
|---|---|---|---|
| 2 - OFF - ON | OFF | N/A | ON |
| G - ON - ON | ON | N/A | ON |
| E - OFF - (ON) | (ON) | N/A | N/A |
| TERMINAL CLOSURES | 2 & E = 1-2, 4-5 G = 2-3, 5-6 | N/A | 1-2, 4-5 |

( ) = DENOTES MOMENTARY

### FUNCTIONS: 6, J, & K




| FUNCTION | POS. 1 | POS. 2 | POS. 3 |
|---|---|---|---|
| 6 - ON - OFF - ON | ON | OFF | ON |
| J - ON - OFF - (ON) | ON | OFF | (ON) |
| K - (ON) - OFF - (ON) | (ON) | OFF | (ON) |
| TERMINAL CLOSURES | 2-3, 5-6 | OPEN | 1-2, 4-5 |

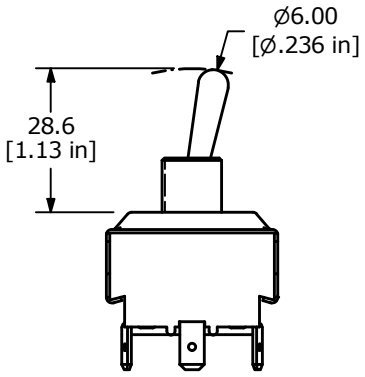
( ) = DENOTES MOMENTARY





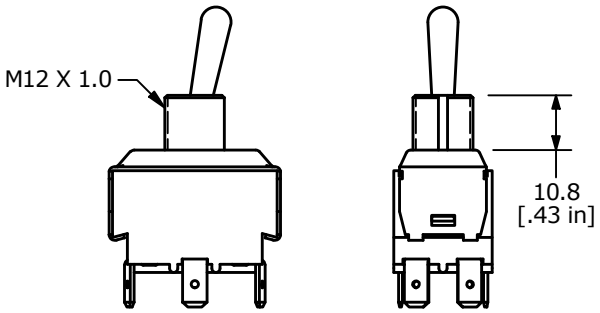
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## ACTUATOR OPTIONS

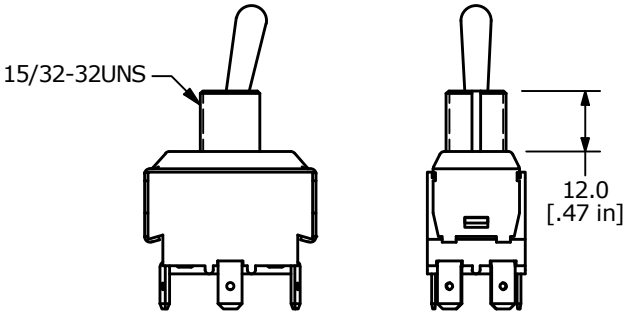



0 = STANDARD BAT

## BUSHING OPTIONS

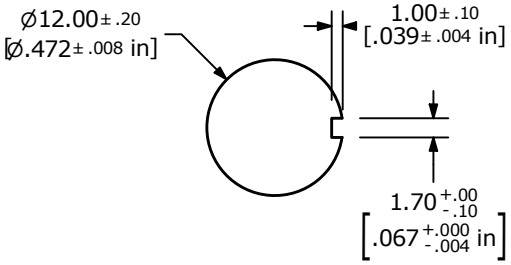



0 = M12 X 1.0

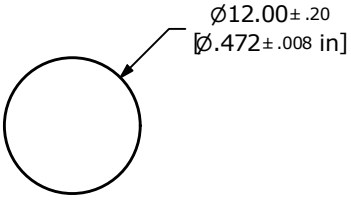



2 = 15/32"-32UNS

## PANEL CUTOUT OPTIONS




RECOMMENDED PANEL CUTOUT




ALTERNATE PANEL CUTOUT



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