

# ST5 SERIES TOGGLE SWITCH

ANTI-VANDAL SWITCHES  
DETECTOR SWITCHES  
DIP SWITCHES  
KEYLOCK SWITCHES  
NAVIGATION SWITCHES  
PUSHBUTTON SWITCHES  
ROCKER SWITCHES  
ROTARY SWITCHES  
SLIDE SWITCHES  
SNAP ACTION SWITCHES  
TACTILE SWITCHES  
TOGGLE SWITCHES  
CAP OPTIONS



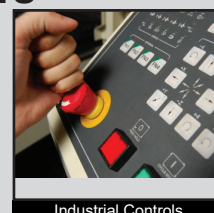
## APPLICATIONS / MARKETS



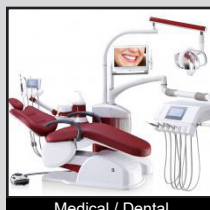
Floor Care Appliances



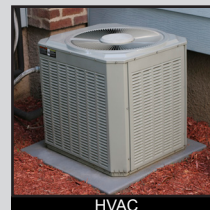
Commercial Appliances



Industrial Controls



Medical / Dental



HVAC



Vending Machines

# RoHS

## SPECIFICATIONS

**Contact Rating:** 16(8)A 125/250VAC  $\mu$ T125/55  
20(8)A 125/250VAC  $\mu$ T125/55  
20A 6-30VDC  $\mu$ T125/55

**Electrical Life:** 10,000 Cycles

**Contact Resistance:** 50m $\Omega$  Max. initial

**Insulation Resistance:** 50M $\Omega$  Min.

**Dielectric Strength:** 1500V RMS

**Operating Temperature:** -10°C to 125°C

**Storage Temperature:** -10°C to 125°C

**Circuit Function:** SP or DP  
2 or 3 Position

**Agency Approvals:** cURus

**Moisture Protection:** IP40

**Panel Thickness:** 1-8mm

## FEATURES & BENEFITS

- Multiple termination options
- Single or double pole
- Available in both 2 or 3 position circuits
- Multiple Actuator options

## PART NUMBER CONFIGURATOR

| Series                                                                                       | No. of Poles                                                  | Function                                                                                                                                                                                                                                                                                                                                              | Rating                                                                                                      | Actuator                                                      | Termination                                                                                                                                                |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="text" value="S"/> <input type="text" value="T"/> <input type="text" value="5"/> | <input type="text" value="S"/> <input type="text" value="D"/> | <input type="text" value="P"/> <input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="4"/> <input type="text" value="5"/> <input type="text" value="6"/> <input type="text" value="7"/> <input type="text" value="8"/> <input type="text" value="9"/> <input type="text" value="10"/> | <input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="4"/>                | <input type="text" value="T"/> <input type="text" value="2"/> | <input type="text" value="C"/> <input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="S"/> <input type="text" value="2"/> |
| ST5                                                                                          | S - Single Pole<br>D - Double Pole                            | P1 - OFF - (ON)<br>P2 - OFF - ON<br>P3 - ON - ON<br>P4 - (OFF) - ON<br>P5 - (ON) - OFF<br>P6 - (ON) - ON<br>P7 - ON - (ON)<br>P8 - ON - OFF - ON<br>P9 - ON - OFF - (ON)<br>P10 - (ON) - OFF - (ON)                                                                                                                                                   | 1 - 16(8)A 125/250VAC $\mu$ T125/55<br>2 - 20(8)A 125/250VAC $\mu$ T125/55<br>4 - 20A 6-30VDC $\mu$ T125/55 | T1 - 17mm Metal Bat<br>T2 - 22mm Plastic Bat                  | C1 - 3/16 Quick Connect<br>C2 - 1/4 Quick Connect<br>S1 - Solder Lug<br>S2 - Screw Terminal                                                                |

\* ( ) denotes momentary

Specifications subject to change without notice 7.20.2021



**E-SWITCH®**

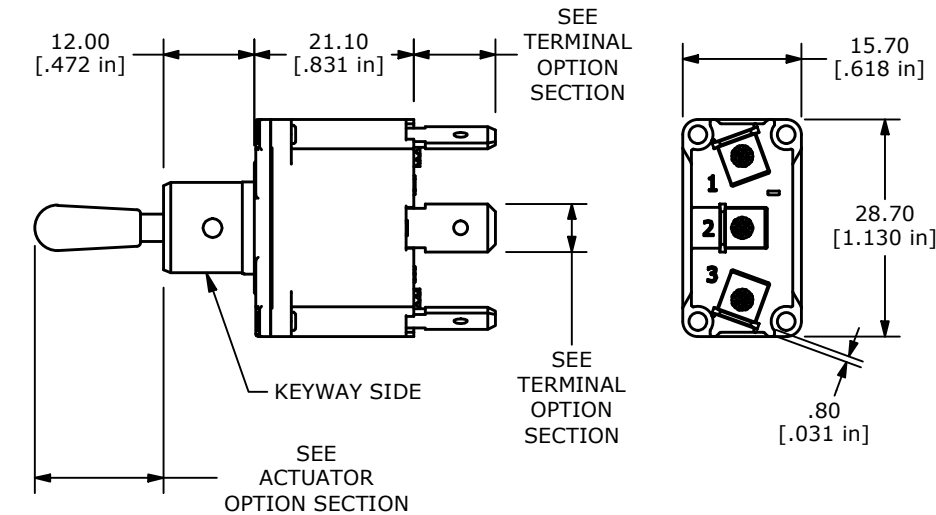
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# ST5 SERIES TOGGLE SWITCH

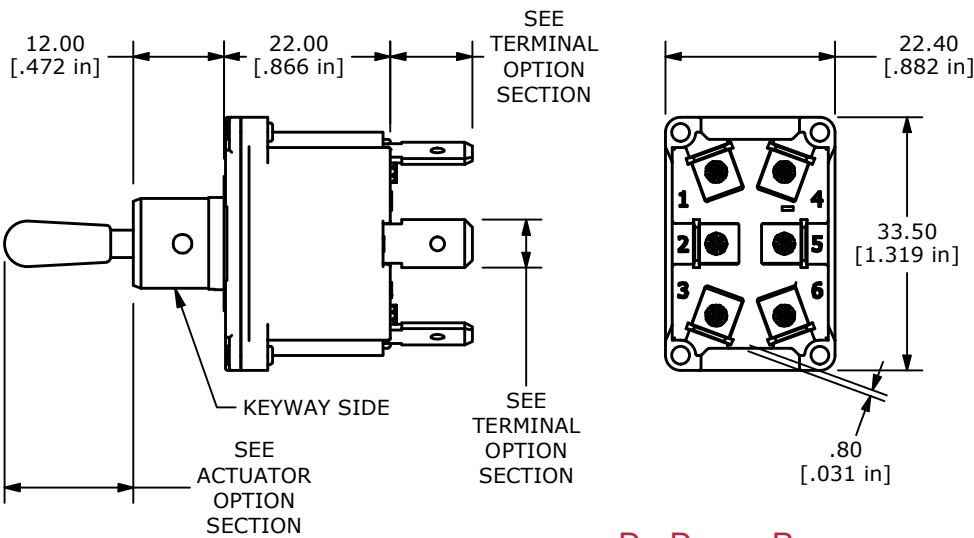
## No. of Pole AND Function Options



S - SINGLE POLE

|                  |  |  |  |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| FUNCTION         | POS. 1                                                                              | POS. 2                                                                              | POS. 3                                                                              |
| P1               | OFF                                                                                 | N/A                                                                                 | (ON)                                                                                |
| P2               | OFF                                                                                 | N/A                                                                                 | ON                                                                                  |
| P3               | ON                                                                                  | N/A                                                                                 | ON                                                                                  |
| P4               | (OFF)                                                                               | N/A                                                                                 | ON                                                                                  |
| P5               | (ON)                                                                                | N/A                                                                                 | OFF                                                                                 |
| P6               | (ON)                                                                                | N/A                                                                                 | ON                                                                                  |
| P7               | ON                                                                                  | N/A                                                                                 | (ON)                                                                                |
| P8               | ON                                                                                  | OFF                                                                                 | ON                                                                                  |
| P9               | ON                                                                                  | OFF                                                                                 | (ON)                                                                                |
| P10              | (ON)                                                                                | OFF                                                                                 | (ON)                                                                                |
| TERMINAL CLOSURE | 1-2                                                                                 | OPEN                                                                                | 2-3                                                                                 |

( ) = MOMENTARY



D - DOUBLE POLE

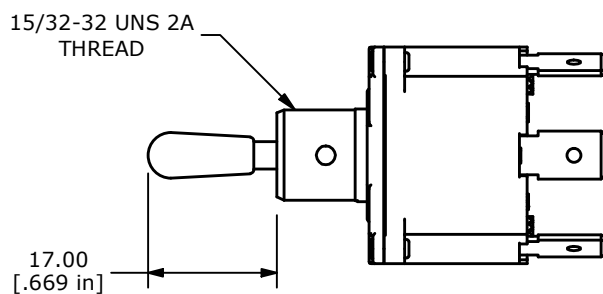
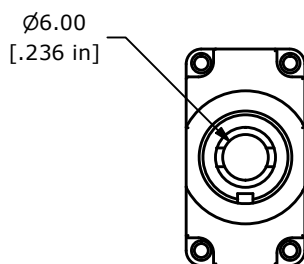
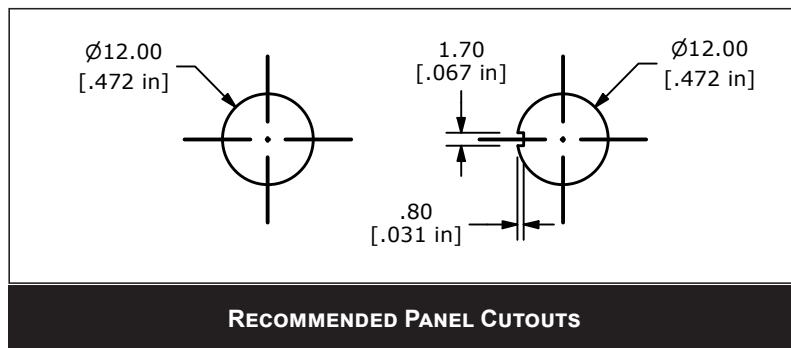
|                  |  |  |  |
|------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| FUNCTION         | POS. 1                                                                                | POS. 2                                                                                | POS. 3                                                                                |
| P1               | OFF                                                                                   | N/A                                                                                   | (ON)                                                                                  |
| P2               | OFF                                                                                   | N/A                                                                                   | ON                                                                                    |
| P3               | ON                                                                                    | N/A                                                                                   | ON                                                                                    |
| P4               | (OFF)                                                                                 | N/A                                                                                   | ON                                                                                    |
| P5               | (ON)                                                                                  | N/A                                                                                   | OFF                                                                                   |
| P6               | (ON)                                                                                  | N/A                                                                                   | ON                                                                                    |
| P7               | ON                                                                                    | N/A                                                                                   | (ON)                                                                                  |
| P8               | ON                                                                                    | OFF                                                                                   | ON                                                                                    |
| P9               | ON                                                                                    | OFF                                                                                   | (ON)                                                                                  |
| P10              | (ON)                                                                                  | OFF                                                                                   | (ON)                                                                                  |
| TERMINAL CLOSURE | 1-2, 4-5                                                                              | OPEN                                                                                  | 2-3, 5-6                                                                              |

( ) = MOMENTARY

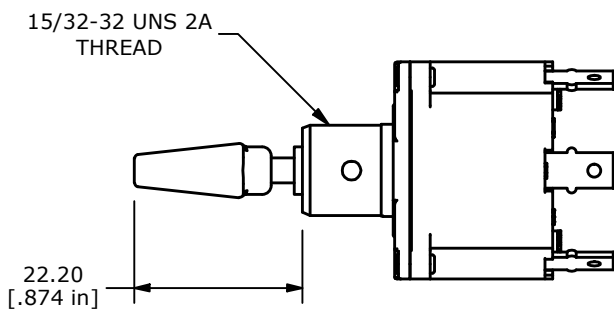
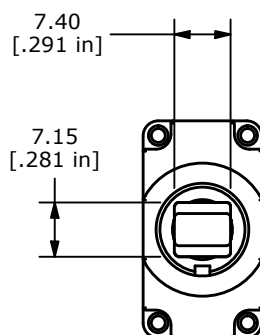


# ST5 SERIES TOGGLE SWITCH

## ACTUATOR OPTIONS



T1 = 17mm METAL BAT



T2 = 22mm PLASTIC BAT



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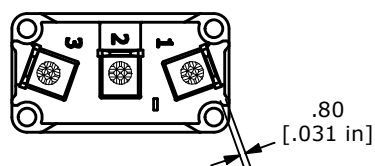
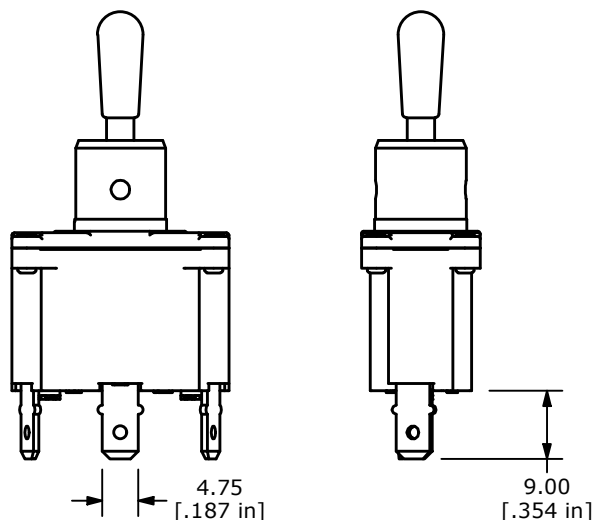
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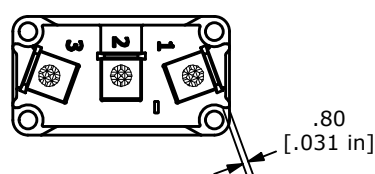
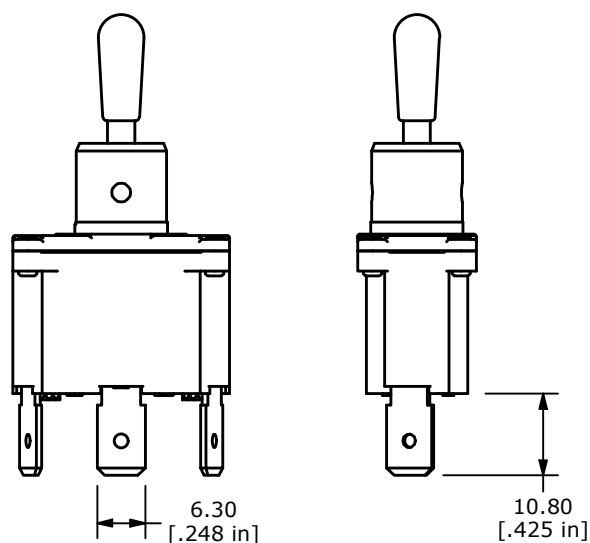
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# ST5 SERIES TOGGLE SWITCH

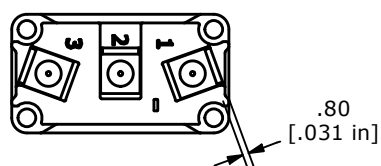
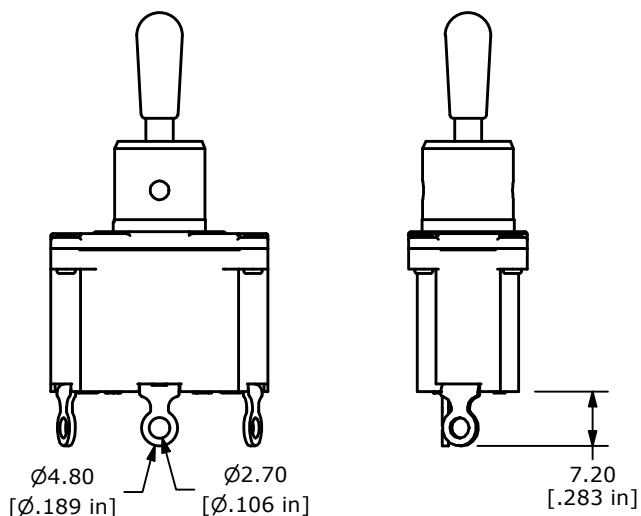
## TERMINAL OPTIONS



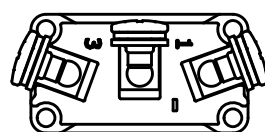
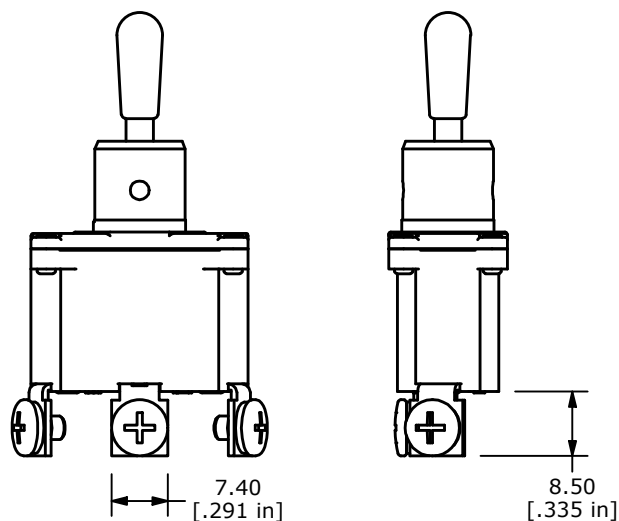
C1 = 3/16 QUICK CONNECT



C2 = 1/4 QUICK CONNECT



S1 = SOLDER LUG



S2 = SCREW TERMINAL



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CAP OPTIONS

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