

ST1 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



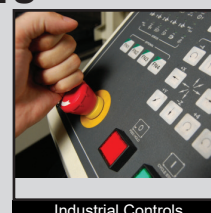
APPLICATIONS / MARKETS



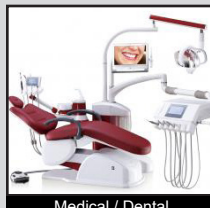
Floor Care Appliances



Commercial Appliances



Industrial Controls



Medical / Dental



HVAC



Vending Machines

RoHS

SPECIFICATIONS

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

Storage Temperature: -20°C to 85°C

FEATURES & BENEFITS

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

PART NUMBER CONFIGURATOR

Series



ST1 - 1 Pole

Terminal



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

Function



1 - 1 Pole Off - On
3 - 1 Pole On - On
4 - 1 Pole Off - (On)
Middle - End
5 - 1 Pole
On - Off - On
C - 1 Pole
On - Off - (On)
D - 1 Pole
(On) - Off - (On)

Rating



D - 20A 125VAC
F - 15A 277VAC

Actuator Type



0 - Standard Bat
1 - Short Bat

Bushing Type



0 - M12 x 1.0
2 - 15/32" - 32UNS

NOTES:

() = Denotes function is momentary

Specifications subject to change without notice 10.23.2020



E-SWITCH®

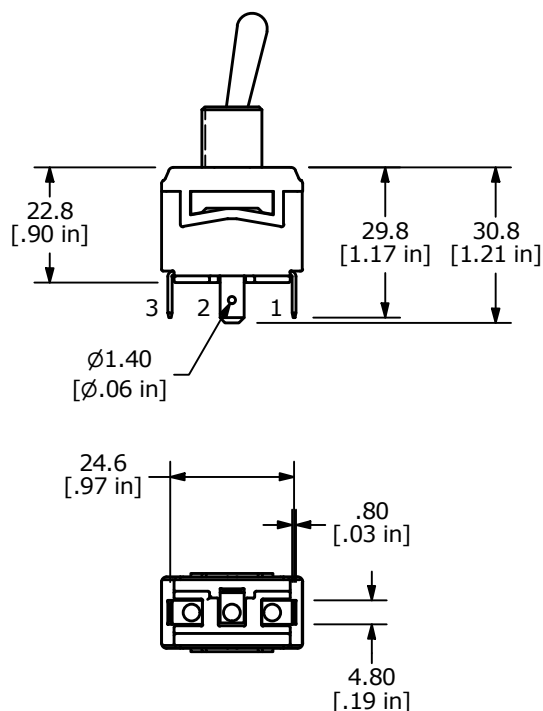
www.e-switch.com

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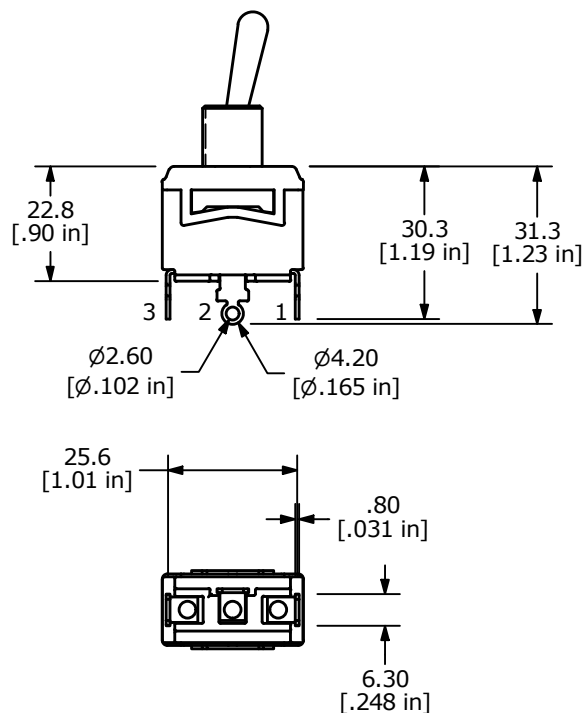
1

ST1 SERIES TOGGLE SWITCH

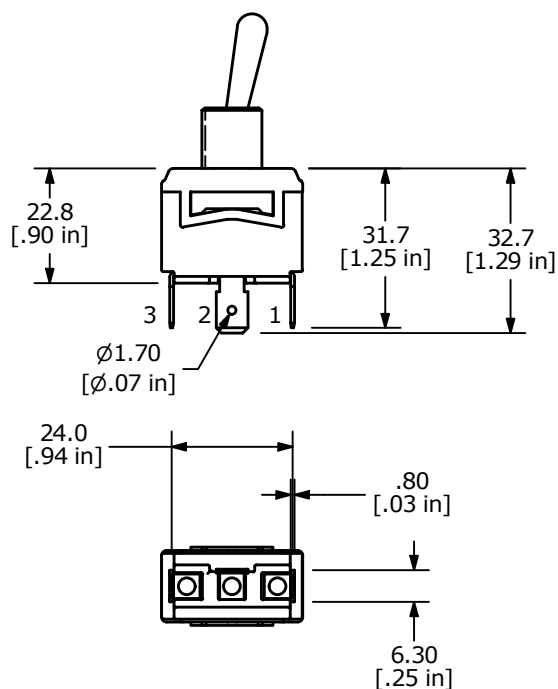
TERMINAL OPTIONS



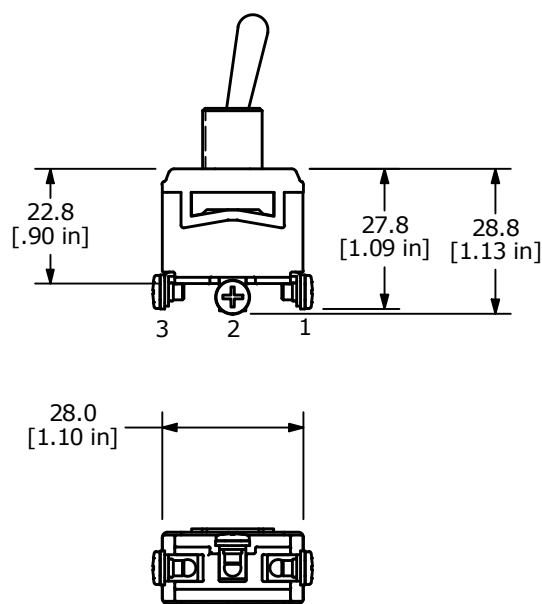
1 = 4.8mm TABS



2 = SOLDER



4 = 6.3mm TABS



6 = SCREW



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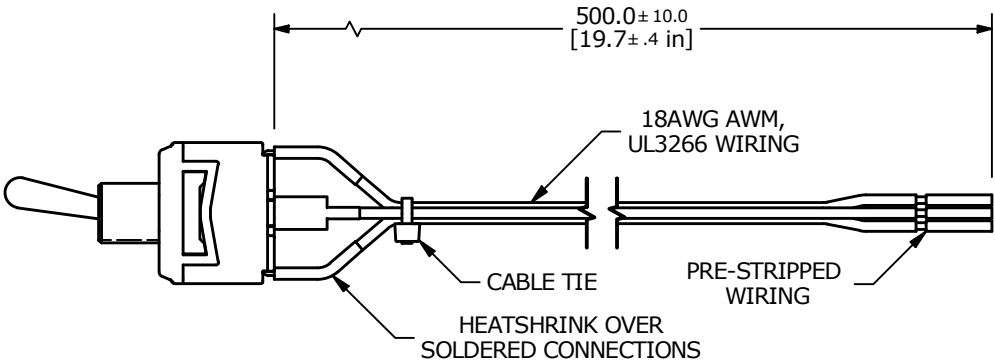
2

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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]

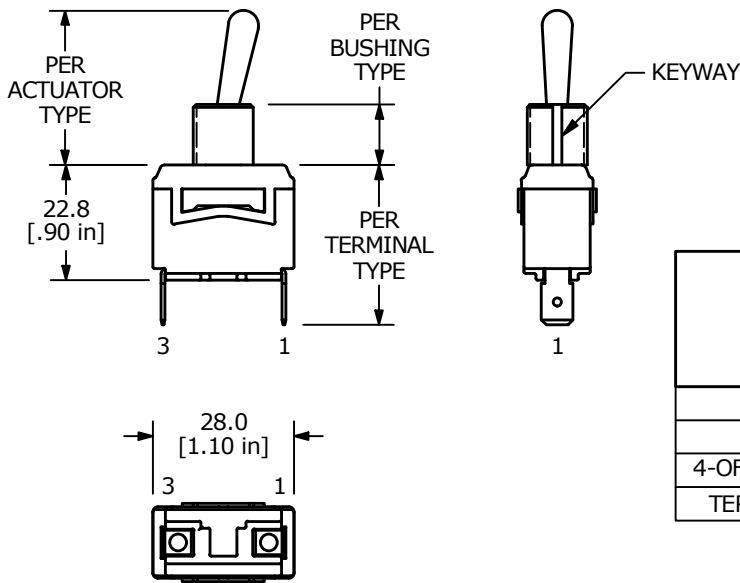
** WIRE LEADS PROVIDED ARE DEPENDANT ON THE FUNCTION SELECTED **



W = WIRED LEADS 500mm

FUNCTION OPTIONS

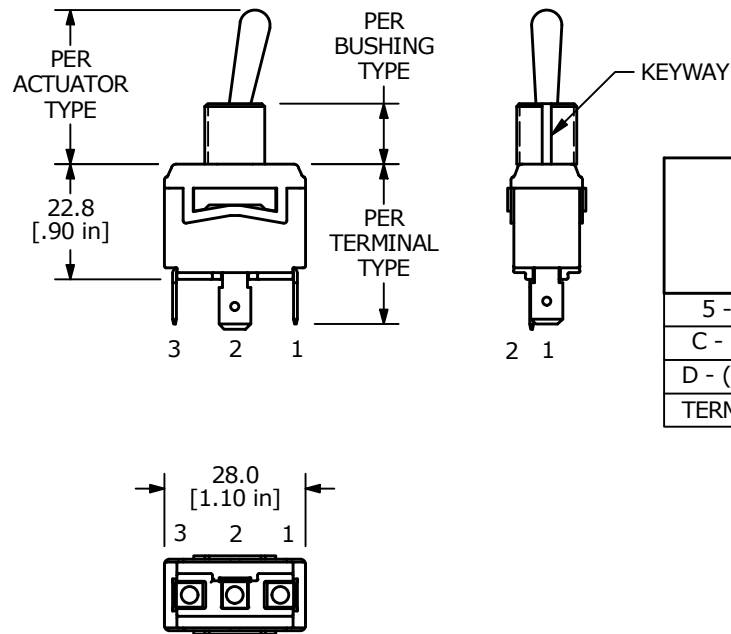
FUNCTIONS: 1, 3, & 4



FUNCTION	POS. 1 	POS. 2 	POS. 3
1 - OFF - ON	OFF	N/A	ON
3 - ON - ON	ON	NA	ON
4-OFF-(ON)MIDDLE-END	(ON)	OFF	N/A
TERMINAL CLOSURES	1-3	N/A	1-3

() = DENOTES MOMENTARY

FUNCTIONS: 5, C, & D



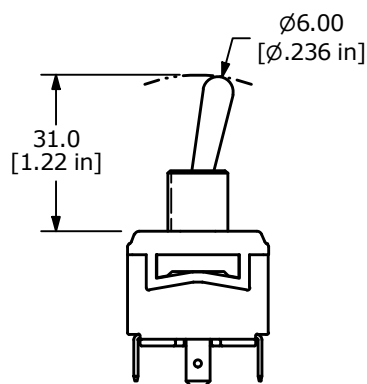
FUNCTION	POS. 1 	POS. 2 	POS. 3
5 - ON - OFF - ON	ON	OFF	ON
C - ON - OFF - (ON)	ON	OFF	(ON)
D - (ON) - OFF - (ON)	(ON)	OFF	(ON)
TERMINAL CLOSURES	2-3	N/A	1-2

() = DENOTES MOMENTARY

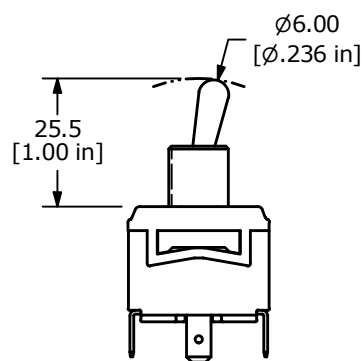


ST1 SERIES TOGGLE SWITCH

ACTUATOR OPTIONS

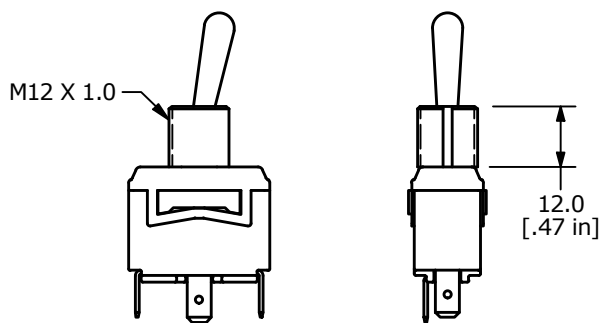


0 = STANDARD BAT

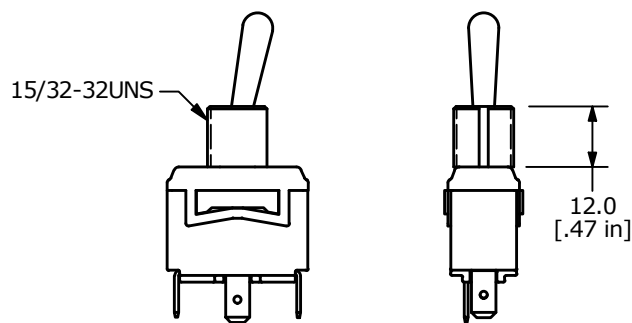


1 = SHORT BAT

BUSHING OPTIONS

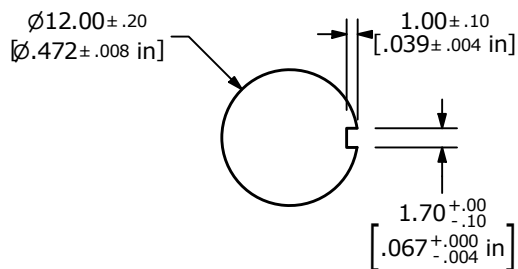


0 = M12 X 1.0

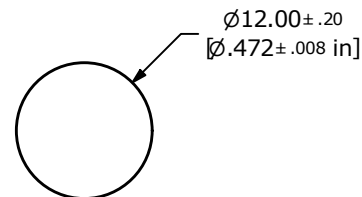


2 = 15/32"-32UNS

PANEL CUTOUT OPTIONS



RECOMMENDED PANEL CUTOUT



ALTERNATE PANEL CUTOUT



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