



# ATP22 Series

## Anti-Vandal Sealed Pushbutton Switch

A

### Features/Benefits

- Momentary or Lock version
- IP67 sealed & IK10 (Stainless steel bushing)
- Capable of up to 3A resistive load
- 50,000 life cycle at full load
- Various colors of LED illuminate indicator
- Choices of pushbutton with symbol on spot, ring or power logo

### Typical Applications

- Control Panels including car park and traffic light
- Industrial Instruments
- Lifts / Escalator
- Communication equipment
- Alarm, safety and security systems

c R<sup>®</sup> us

Pushbutton

### Specifications

FUNCTION: Single pole and double poles  
 CONTACT ARRANGEMENT: N.O. and N.C.  
 MOUNTING TYPE: Threaded front panel mount  
 TORQUE FOR THREADED BODY: 5-14 Nm

### Mechanical

OPERATING LIFE: Momentary 1,000,000 cycles  
 Self-lock 500,000 cycles  
 TOTAL TRAVEL: about 3.2 mm  
 OPERATING FORCE: 1 pole 2.5 ± 1N  
 2 pole 3.5 ± 1N

### Electrical

CONTACT RATING: Ith 5A/250VAC  
 3A / 250VAC  
 3A / 28VDC  
 OPERATING LIFE: 50,000 make-and-break cycles at full load  
 DIELECTRIC STRENGTH: 2,000 V RMS @ sea level  
 INSULATION RESISTANCE: 1,000 MΩ min. @ 500 VDC  
 INITIAL CONTACT RESISTANCE : 50 mΩ max @1A 12VDC

### Materials

BUSHING: Stainless steel / Aluminum alloy  
 BASE: PBT (UL 94-A0), PC (UL 94-V2)  
 ACTUATOR: PC; Stainless steel / Aluminum alloy  
 INTERNAL ASSEMBLY: POM / PA66  
 SPRING: Steel  
 SEALING / O-ring: Silicone  
 TERMINALS: Brass with silver or gold plated  
 CONTACT: Copper, silver plated

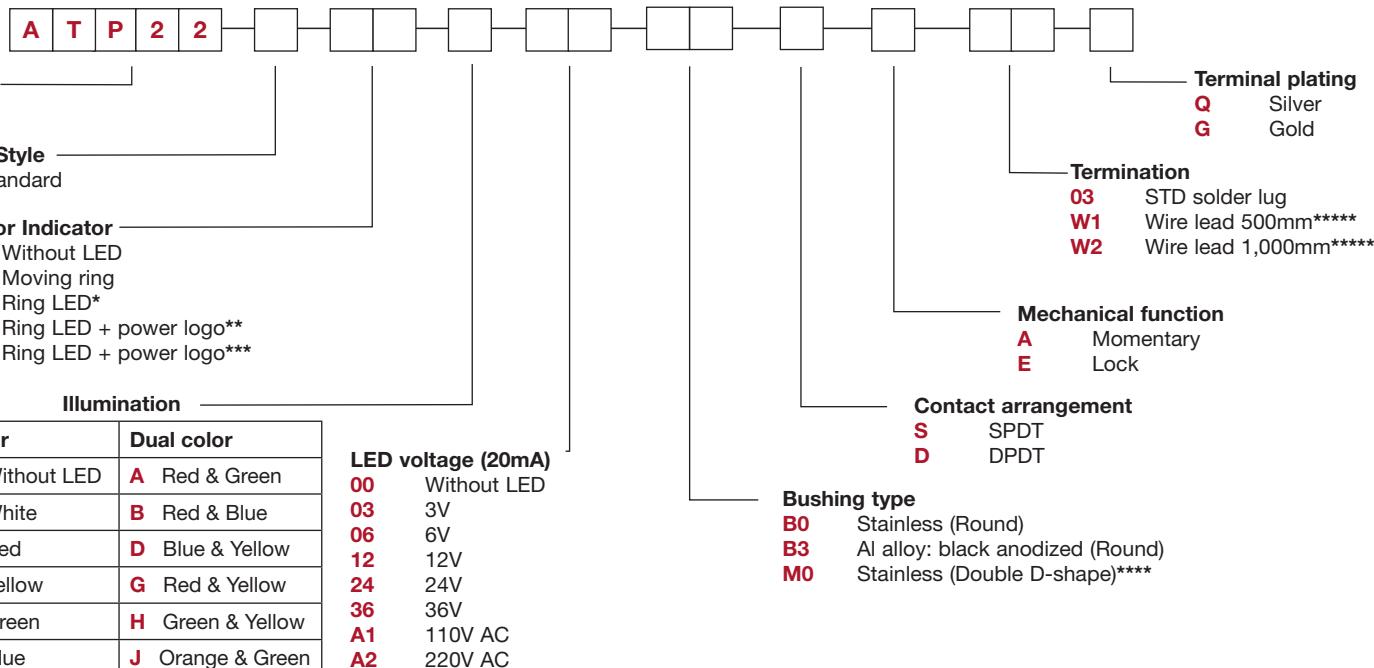
### Operating Environment

OPERATING TEMPERATURE: -20°C to +55°C  
 SEALING / PROTECTION: IP67 / IK10 (Stainless steel bushing)

**NOTE:** Specifications and materials listed above are for switches with standard options.  
 For information on specific and custom switches, please contact Customer Service.

### Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box.



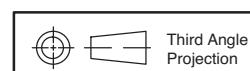
\* Available on ring color CAP of red/green/blue only

\*\* Power logo and ring with clear color CAP available on double D-shape bushing only

\*\*\* Power logo and ring with red/green/blue color CAP available on double D-shape bushing only

\*\*\*\* Not available on L0/L3/L6 actuator indicator

\*\*\*\*\* Available upon request, please contact your sales representative for details



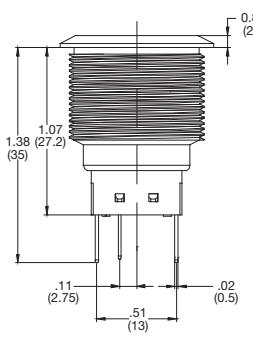
# ATP22 Series Anti-Vandal Sealed Pushbutton Switch

## STANDARD VIEW

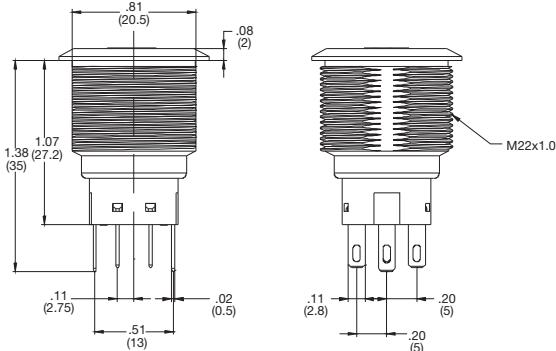


**A**  
Pushbutton

ROUND BUSHING

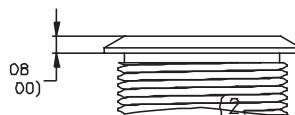


DOUBLE-D BUSHING



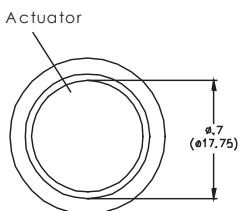
## ACTUATOR STYLE

**S** STANDARD

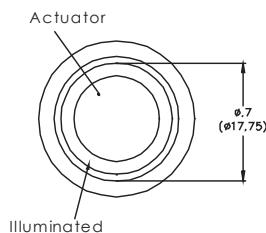


## ACTUATOR INDICATOR

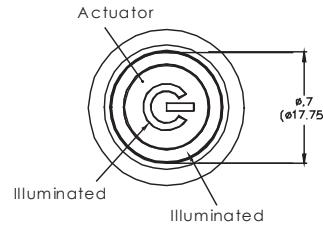
**L0** WITHOUT LED



**L3 & L6** RING LED



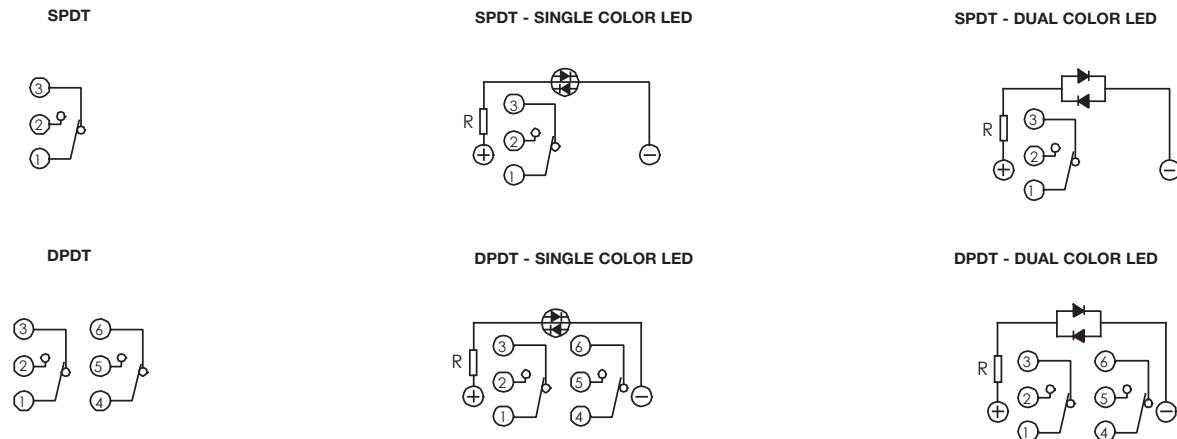
**L7 & L8** POWER & RING



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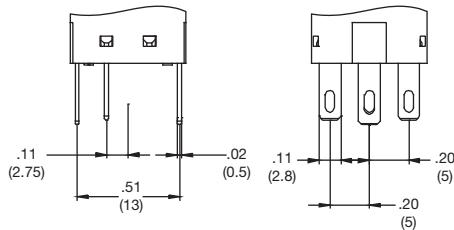
Pushbutton  
A

## CIRCUIT

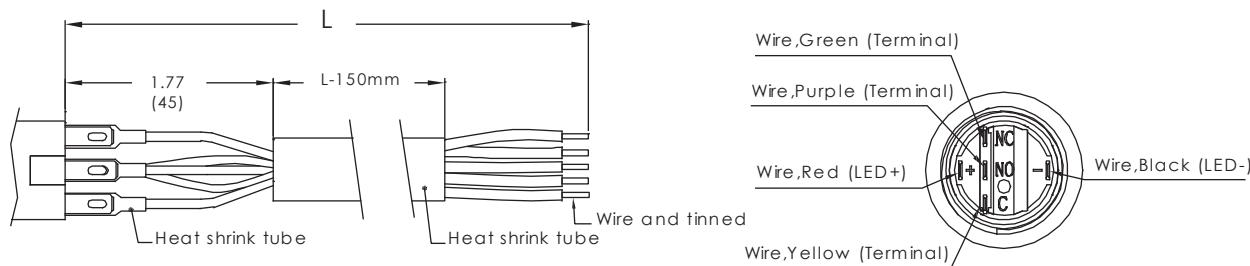


## TERMINATION

### 03 SOLDERLUG



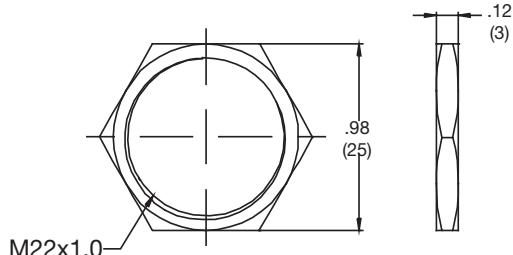
### W1 OR W2 WIRE LEAD



## HARDWARE

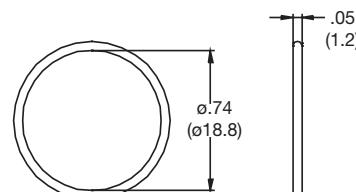
### HEX NUT

Order PN: ATP22-HN



### O RING

Order PN: ATP22-OR



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## C&K Switches:

[ATP22SL6706B0SA03Q](#) [ATP22SL0000B0DAW1Q](#) [ATP22SL0000B3SA03Q](#) [ATP22SL32A2B0DE03Q](#)

[ATP22SL3324B0SE03Q](#) [ATP22SL3603B0SA03Q](#) [ATP22SL3612B0SE03Q](#) [ATP22SL3712B0DE03Q](#)

[ATP22SL3A24B0DA03Q](#) [ATP22SL3A24B0DE03Q](#) [ATP22SL3J03B0SA03Q](#) [ATP22SL6324B0SA03Q](#)

[ATP22SL63A2B0SE03Q](#) [ATP22SL6612B0DE03Q](#) [ATP22SL6624B0SA03Q](#) [ATP22SL6624B0SAW1Q](#)

[ATP22SL6724B0SAW1Q](#) [ATP22SL7324M0SAW1Q](#) [ATP22SL7324M0SEW1Q](#) [ATP22SL7B24M0SA03Q](#)

[ATP22SL7H12M0SA03G](#) [ATP22SL8624M0SA03Q](#) [ATP22SL8624M0SE03Q](#)