

NEW

ATP19 Series Anti-Vandal Sealed Pushbutton Switch



A
Pushbutton

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&K US

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: 1th 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 / Nickel plated brass / Aluminum alloy
 BASE: PBT (UL 94-A0), PC (UL 94-V2)
 ACTUATOR: PC (UL 94-V2); Stainless steel / Nickel plated brass / Aluminum alloy
 INTERNAL ASSEMBLY: POM / PA66
 SPRING: Steel
 SEALING / O-ring: Silicone
 TERMINALS: Brass with silver or gold plated
 CONTACT: Copper, silver plated

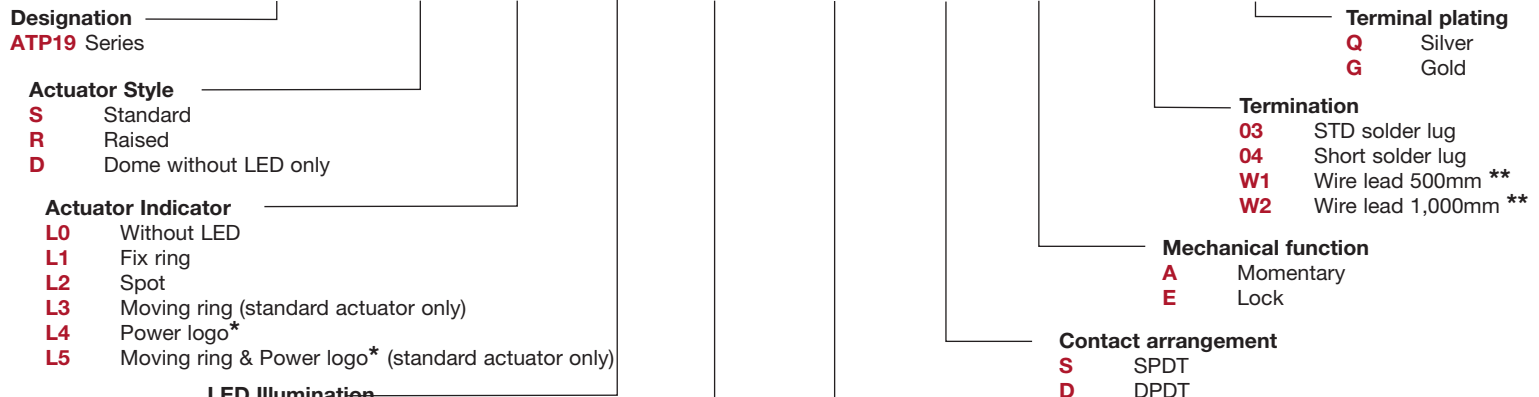
Operating Environment

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.



Color	Dual color
0 Without LED	A Red & Green
2 White	B Red & Blue
3 Red	D Blue & Yellow
5 Yellow	G Red & Yellow
6 Green	H Green & Yellow
7 Blue	J Orange & Green

LED voltage (20mA)

00	Without LED
03	3V
06	6V
12	12V
24	24V
36	36V
A1	110V AC
A2	220V AC

Round	Double D shape
B0 Stainless (Natural)	M0 Stainless (Natural)
B1 Brass (Mirror Chrome Plated)	M1 Brass (Mirror Chrome plated)
B2 Brass (Nickel plated)	M2 Brass (Nickel plated)
B3 Al alloy (Black anodized)	M3 Al alloy (Black anodized)

* Available on double D-shape bushing only.
 ** Available upon request, please contact your sales representative for details.



Dimensions are shown: mm (inches)
 Specifications and dimensions subject to change



19 Jan 21



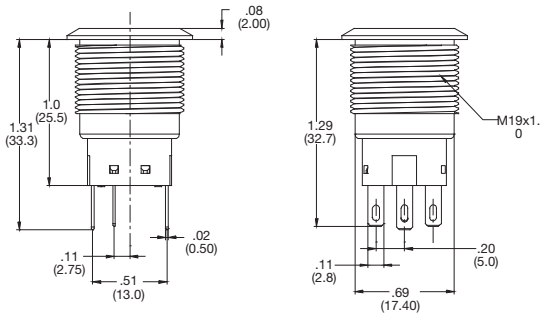
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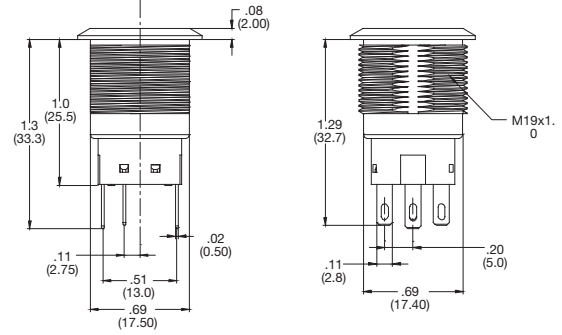
Pushbutton
A

STANDARD VIEW

ROUND BUSHING

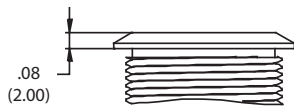


DOUBLE-D BUSHING

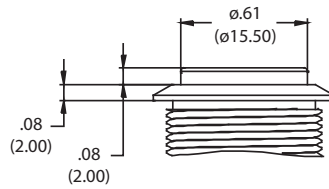


ACTUATOR STYLE

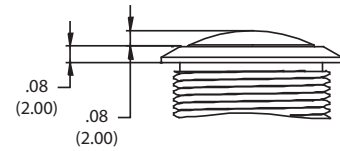
S STANDARD



R RAISED

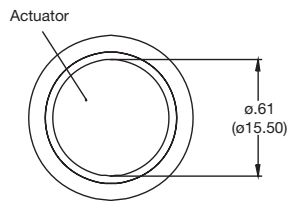


D DOME

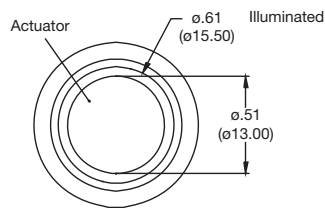


ACTUATOR INDICATOR

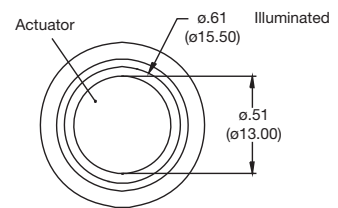
L0 WITHOUT LED



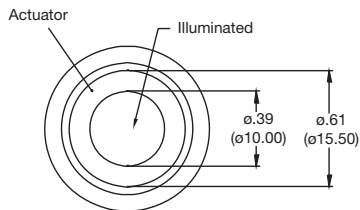
L1 FIX RING



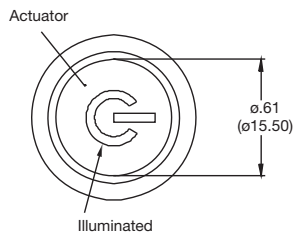
L3 MOVING RING



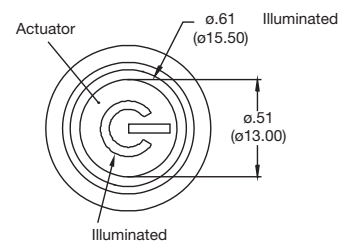
L2 SPOT



L4 POWER LOGO



L5 POWER & MOVING RING



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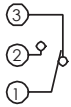


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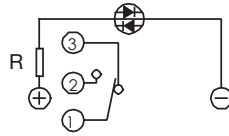
Pushbutton

CIRCUIT

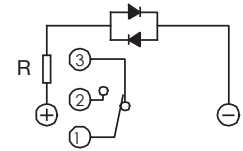
SPDT



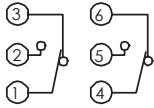
SPDT - SINGLE COLOR LED



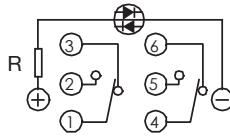
SPDT - DUAL COLOR LED



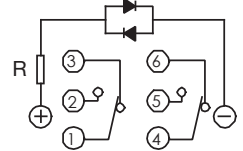
DPDT



DPDT - SINGLE COLOR LED

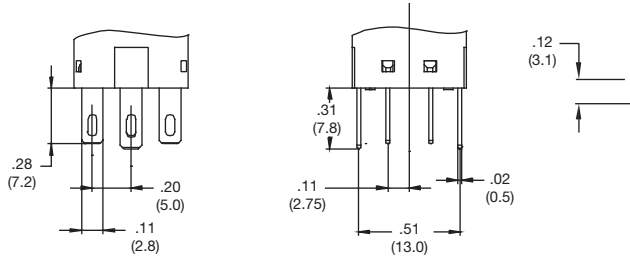


DPDT - DUAL COLOR LED

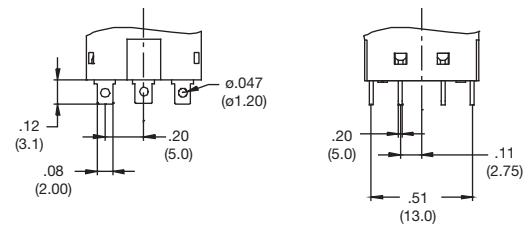


TERMINATION

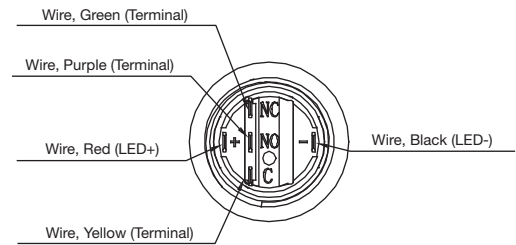
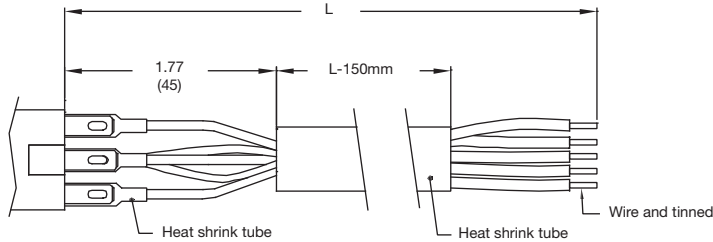
03 SOLDERLUG



04 SHORT SOLDER LUG



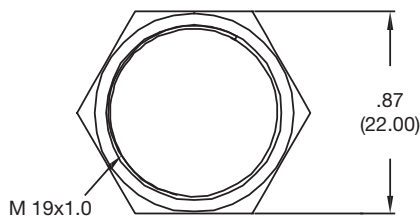
W1 OR W2 WIRE LEAD



HARDWARE

HEX NUT

Order PN: ATP190016



O RING

Order PN: ATP190017

