

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



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.



Designation _____
ATP19 Series

Actuator Style _____
S Standard
R Raised
D Dome without LED only

Actuator Indicator _____
L0 Without LED
L1 Fix ring
L2 Spot
L3 Moving ring (standard actuator only)
L4 Power logo*
L5 Moving ring & Power logo* (standard actuator only)

LED Illumination _____

Contact arrangement _____
S SPDT
D DPDT

Mechanical function _____
A Momentary
E Lock

Termination _____
03 STD solder lug
04 Short solder lug
W1 Wire lead 500mm
W2 Wire lead 1,000mm

Terminal plating _____
Q Silver
G Gold

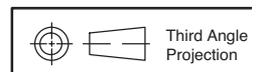
Color	Dual color
0 Without LED	A Red & Green
2 White	B Red & Blue
3 Red	D Blue & Yellow
5 Yellow	G Red & Yellow
6 Green	H Green & Yellow
7 Blue	J Orange & Green

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.



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



17 Dec 18



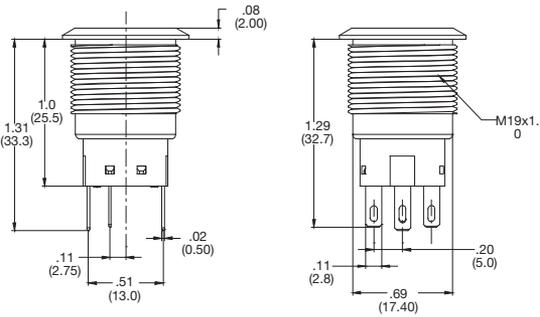
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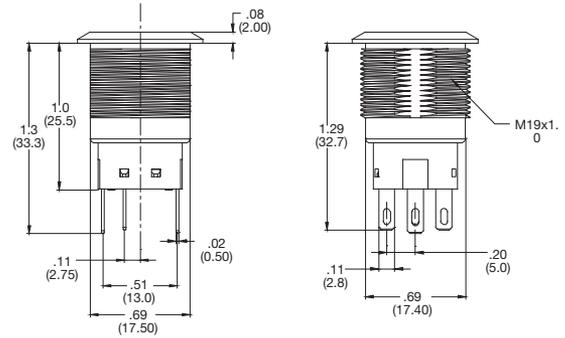
Pushbutton
A

STANDARD VIEW

ROUND BUSHING

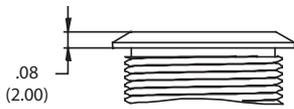


DOUBLE-D BUSHING

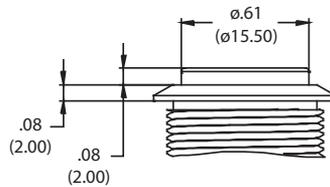


ACTUATOR STYLE

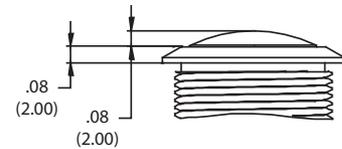
S STANDARD



R RAISED

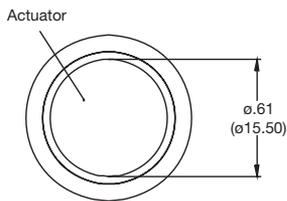


D DOME

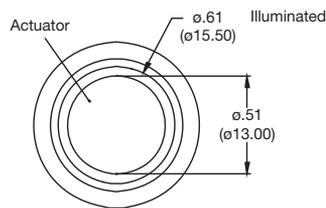


ACTUATOR INDICATOR

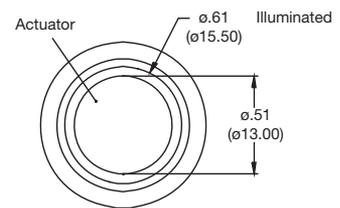
L0 WITHOUT LED



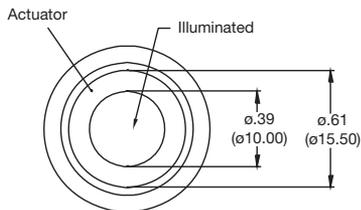
L1 FIX RING



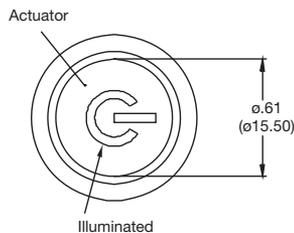
L3 MOVING RING



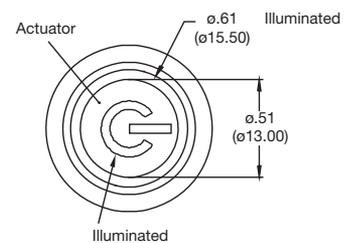
L2 SPOT



L4 POWER LOGO



L5 POWER & MOVING RING



NEW

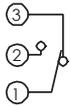
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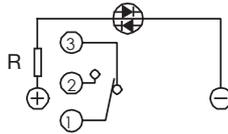
A
Pushbutton

CIRCUIT

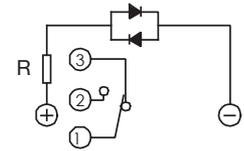
SPDT



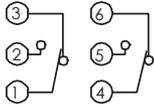
SPDT - SINGLE COLOR LED



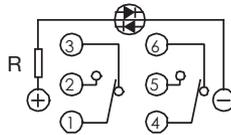
SPDT - DUAL COLOR LED



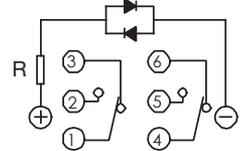
DPDT



DPDT - SINGLE COLOR LED

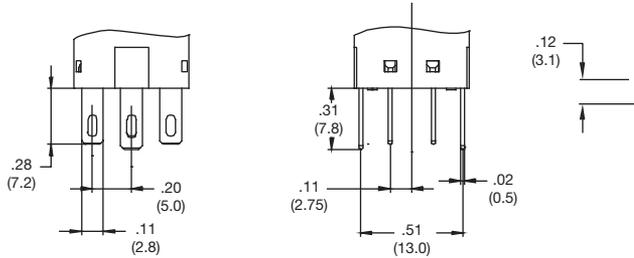


DPDT - DUAL COLOR LED

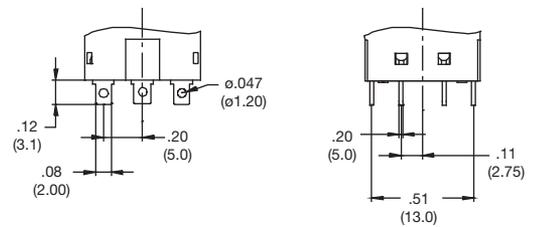


TERMINATION

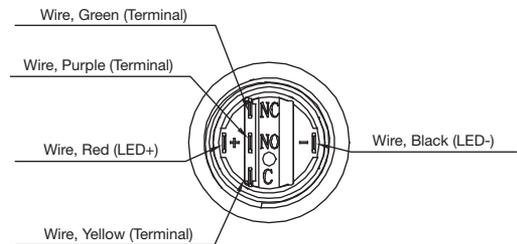
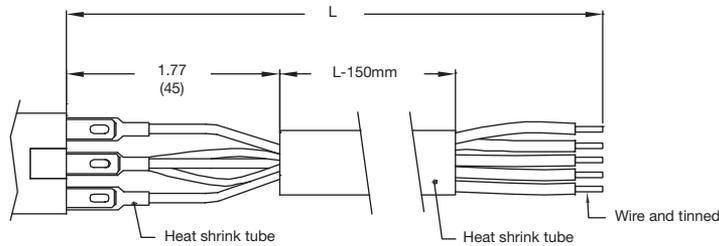
03 SOLDERLUG



04 SHORT SOLDER LUG

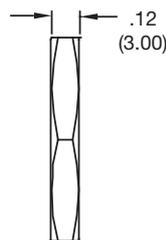
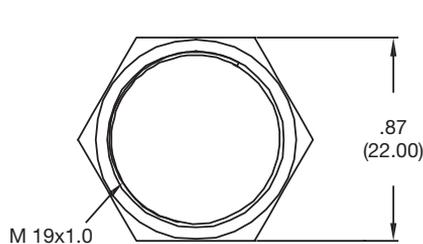


W1 OR W2 WIRE LEAD



HARDWARE

HEX NUT



O - RING

