A-138

ATP22 Series
Anti-Vandal Sealed Pushbutton Switch

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: 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.

Designation
ATP22 Series

Actuator Style
S Standard

Actuator Indicator
L0 Without LED
L3 Moving ring
L6 Ring LED*
L7 Ring LED + power logo**
L8 Ring LED + power logo***

Illumination

<table>
<thead>
<tr>
<th>Color</th>
<th>Dual color</th>
<th>LED voltage (20mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Without LED</td>
<td>00 Without LED</td>
</tr>
<tr>
<td>2</td>
<td>White</td>
<td>03 3V</td>
</tr>
<tr>
<td>3</td>
<td>Red</td>
<td>06 6V</td>
</tr>
<tr>
<td>5</td>
<td>Yellow</td>
<td>12 12V</td>
</tr>
<tr>
<td>6</td>
<td>Green</td>
<td>24 24V</td>
</tr>
<tr>
<td>7</td>
<td>Blue</td>
<td>36 36V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A1 110V AC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A2 220V AC</td>
</tr>
</tbody>
</table>

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

C & K
Pushbutton

Specifications and dimensions subject to change

www.ckswitches.com
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STANDARD VIEW

ROUND BUSHING

DOUBLE-D BUSHING

ACTUATOR STYLE

S STANDARD

ACTUATOR INDICATOR

L0 WITHOUT LED

L3 & L6 RING LED

L7 & L8 POWER & RING

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

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CIRCUIT

SPDT

DPDT

SPDT - SINGLE COLOR LED

DPDT - SINGLE COLOR LED

SPDT - DUAL COLOR LED

DPDT - DUAL COLOR LED

TERMINATION

03 SOLDERLUG

W1 OR W2 WIRE LEAD

HARDWARE

HEX NUT

O - RING

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