



# ELECTRIC & PNEUMATIC SWITCHES

## Features

- Switch modules available Normally-Open or Normally-Closed
- Wide range of mounting configurations available
- Actuators with or without an air pressure indicator
- Standard manual override or Pneumatic Actuation Only (Manual Override Blocked)
- Interfaces pneumatic signals with manual signals via the same devices, saving space and cost, adding safety and convenience
- 4 bright colors for visibility and operator recognition
- Can actuate as many as 12 switches



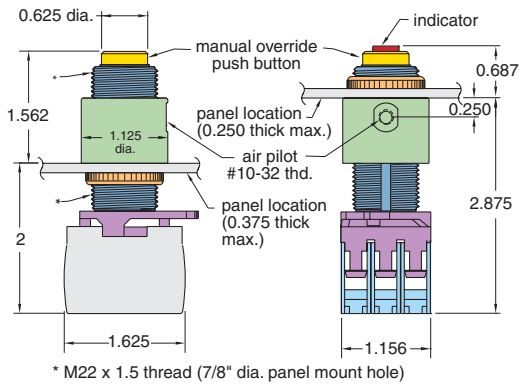
**Medium:** Air

**Operating Pressure:** Approx. 10 psig plus 1.5 psig per switch

**Max. Operating Pressure:** 150 psig

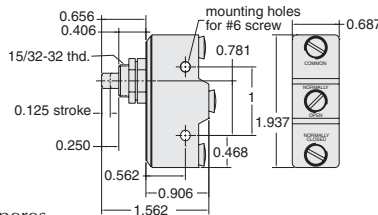
### Construction:

*Activator Housing* - Nickel-plated brass, Anodized aluminum, Nylon  
*Internal Parts* - Delrin<sup>®</sup>  
*Seals* - Buna-N rubber  
*Mounting* - M22 x 1.5 male thread for panel mount through 7/8" dia. hole



Part No.	Description	Push Button Color
<b>Push Buttons</b>		
<a href="#">AS-BN</a>	Manual Override	Black
<a href="#">AS-GN</a>	Manual Override	Green
<a href="#">AS-RN</a>	Manual Override	Red
<a href="#">AS-YN</a>	Manual Override	Yellow
<a href="#">AS-BN-A</a>	Air Actuation Only	Black
<a href="#">AS-GN-A</a>	Air Actuation Only	Green
<a href="#">AS-RN-A</a>	Air Actuation Only	Red
<a href="#">AS-YN-A</a>	Air Actuation Only	Yellow
<b>Push Buttons with Indicator</b>		
<a href="#">AS-BG</a>	Manual Override	Black
<a href="#">AS-BR</a>	Manual Override	Green
<a href="#">AS-BY</a>	Manual Override	Red
<a href="#">AS-BW</a>	Manual Override	Yellow
<a href="#">AS-BG-A</a>	Air Actuation Only	Green
<a href="#">AS-BR-A</a>	Air Actuation Only	Red
<a href="#">AS-BY-A</a>	Air Actuation Only	Yellow
<a href="#">AS-BW-A</a>	Air Actuation Only	White

## Single Pole Electrical Switch



**Stem Travel:** 1/8"

**Rating A.C.:** 120 volts - 15 amperes  
 240 volts - 15 amperes  
 480 volts - 15 amperes

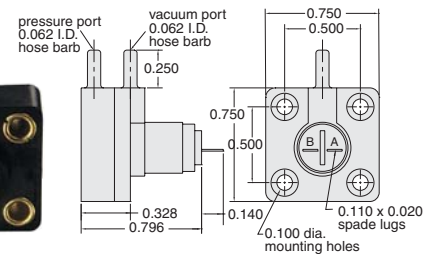
**Rating D.C.:** 125 volts - 0.5 amperes  
 250 volts - 0.25 amperes

**Mounting:** #15/32-32 thread; nut and lockwashers furnished, also two 0.140" dia. mounting holes in body

**Approvals:** UL and CE

Part No.	Description
<a href="#">ES-1</a>	Single Pole, Double Throw Snap-Action Electrical Switch
<a href="#">ES-1-GP</a>	Single Pole, Double Throw Snap-Action Electrical Switch with Gold-Plated Contact
<a href="#">15601</a>	Terminal Cover

## Pneumatic Electric Switches



**Electrical Rating:** 60 ma. AC resistive 40 ma. DC resistive @ 120 volts

**Switching Speed:** 125 Hz, Normally-Open

**Actuating Pressure:** 3" H<sub>2</sub>O 10% pressure vacuum, or DP

**Maximum Pressure:** 8 psig (continuous)

**Construction:** ABS plastic case gold plated contacts natural rubber diaphragm

**Use:** For interfacing fluidic or other low pressure air signals with electronic circuitry dual inputs operates on pressure, vacuum, or differential pressure signals

Part No.	Description
<a href="#">5100-3-NO</a>	Pneumatic Electric Switch, Normally-Open Contacts
<a href="#">5100-3-NC</a>	Pneumatic Electric Switch, Normally-Closed Contacts