



# 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



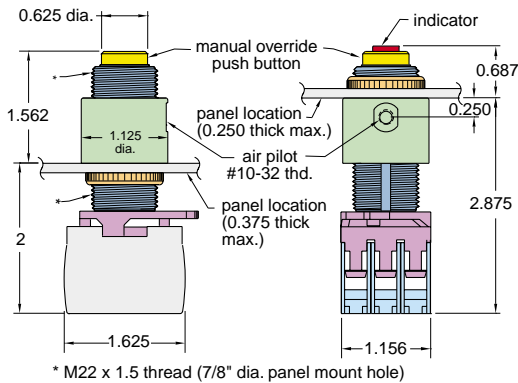
Medium: Air

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®  
 Seals - Buna-N rubber  
 Mounting - M22 x 1.5 male thread for panel mount through 7/8" dia. hole



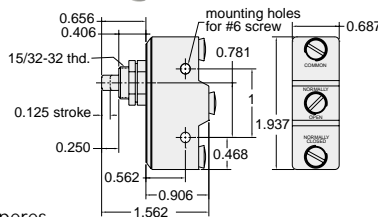
### Part No. Description

| Part No. | Description        | Push Button Color |
|----------|--------------------|-------------------|
| AS-BN    | Manual Override    | Black             |
| AS-GN    | Manual Override    | Green             |
| AS-RN    | Manual Override    | Red               |
| AS-YN    | Manual Override    | Yellow            |
| AS-BN-A  | Air Actuation Only | Black             |
| AS-GN-A  | Air Actuation Only | Green             |
| AS-RN-A  | Air Actuation Only | Red               |
| AS-YN-A  | Air Actuation Only | Yellow            |

### Push Buttons with Indicator Indicator Color

|         |                    |        |
|---------|--------------------|--------|
| AS-BG   | Manual Override    | Black  |
| AS-BR   | Manual Override    | Green  |
| AS-BY   | Manual Override    | Red    |
| AS-BW   | Manual Override    | Yellow |
| AS-BG-A | Air Actuation Only | Green  |
| AS-BR-A | Air Actuation Only | Red    |
| AS-BY-A | Air Actuation Only | Yellow |
| AS-BW-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

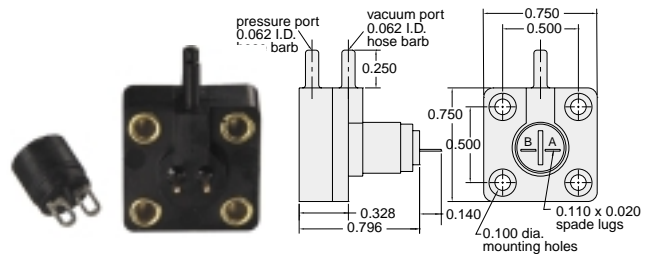
Rating D.C.: 125 volts - 0.5 amperes  
 250 volts - 0.25 amperes

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  |
|----------|--|
| ES-1     | Single Pole, Double Throw Snap-Action Electrical Switch                          |
| ES-1-GP  | Single Pole, Double Throw Snap-Action Electrical Switch with Gold-Plated Contact |
| 15601    | 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   |
|-----------|---|
| 5100-3-NO | Pneumatic Electric Switch, Normally-Open Contacts   |
| 5100-3-NC | Pneumatic Electric Switch, Normally-Closed Contacts |