

# PVB3 SERIES ANTI-VANDAL SWITCH



## APPLICATIONS / MARKETS



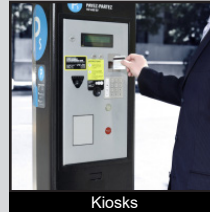
Commercial Appliances



Security Devices



Industrial Controls



Kiosks



Electrical Housewares



Medical Equipment



RoHS

## SPECIFICATIONS

**Electrical Rating:** 5A/250V (Resistive)  
1.5A/250V (Inductive)  
2A/ 24VDC

**Mechanical Life:** 1,000,000 Cycles (Momentary)  
500,000 Cycles (Latching)

**Electrical Life:** 50,000 Cycles

**Contact Resistance:** 50mΩ Max.

**Insulation Resistance:** 1000 MΩ Min. @ 500VDC

**Dielectric Strength:** 1,500VAC

**Operating/Storage Temperature:** -40°C to 85°C

**Travel:** 3.0mm

**Moisture Protection:** IP67

**Contact Arrangement:** SPDT

**Actuation Force:** 2.5N

**Panel Thickness:** 1-7mm

## FEATURES & BENEFITS

- 16mm panel cutout
- Ring illumination option
- Multiple LED color options
- IP67 rated
- Momentary or Latching functions
- **UL60947-1 recognized per UL File E504759:**  
(5A/250VAC, 1.5A/250VAC, 6000 Cycles, SAT 55°C)

## PART NUMBER CONFIGURATOR

| Series                            | Actuator Options                                                               | Terminal Options                        | Function Options                                                                                                                                              | Rating Options                                                                        | Body Finish Options                                                                                 | Actuator Finish Options                                                                             | Contact Material Options                                                            | Lens Style Option                                                                                                                                                   | LED-Color Options                                                                                                                                                                                                                                                                                                                                                                                                           | Illumination Voltage Options                                                                                                                                                                                                                                                                                   |
|-----------------------------------|--------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="text" value="PVB3"/> | <input type="text" value="F - Flat"/><br><input type="text" value="H - High"/> | <input type="text" value="2 - Solder"/> | <input type="text" value="B - 1P"/><br><input type="text" value="3 - 1P"/><br><input type="text" value="On - (On)*"/><br><input type="text" value="On - On"/> | <input type="text" value="0 - 5A, 250VAC"/><br><input type="text" value="2A, 24VDC"/> | <input type="text" value="S - Stainless Steel"/><br><input type="text" value="1 - Black Anodized"/> | <input type="text" value="S - Stainless Steel"/><br><input type="text" value="1 - Black Anodized"/> | <input type="text" value="NONE - Silver"/><br><input type="text" value="G - Gold"/> | <input type="text" value="NONE - Non-Illuminated"/><br><input type="text" value="3 - Ring Illumination"/><br><input type="text" value="6 - Ring / Power symbol**"/> | <input type="text" value="NONE - Non-Illuminated"/><br><input type="text" value="0 - White"/><br><input type="text" value="1 - Red"/><br><input type="text" value="2 - Orange"/><br><input type="text" value="3 - Green"/><br><input type="text" value="4 - Blue"/><br><input type="text" value="5 - Yellow"/><br><input type="text" value="R - RGB Common Cathode"/><br><input type="text" value="RA - RGB Common Anode"/> | <input type="text" value="NONE - Non-Illuminated"/><br><input type="text" value="1 - Base Voltage†"/><br><input type="text" value="3 - 6V"/><br><input type="text" value="4 - 12V"/><br><input type="text" value="5 - 24V"/><br><input type="text" value="6 - 125V"/><br><input type="text" value="7 - 250V"/> |

### NOTES:

\* (ON) Denotes function is momentary

\*\* Lens Style Option 6 - Ring/Power Symbol is unavailable with Actuator H - High

† Base voltage on LEDs:

1.8V @ 20mA for Red, Yellow and Orange LED colors

2.8V @ 20mA for Blue, Green and White LED colors

Specifications subject to change without notice 1.21.2025



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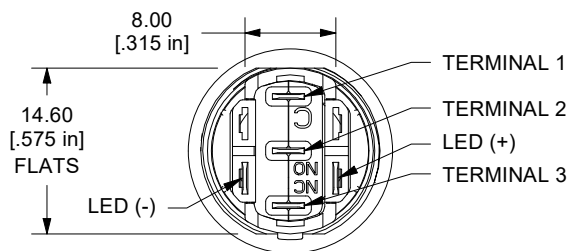
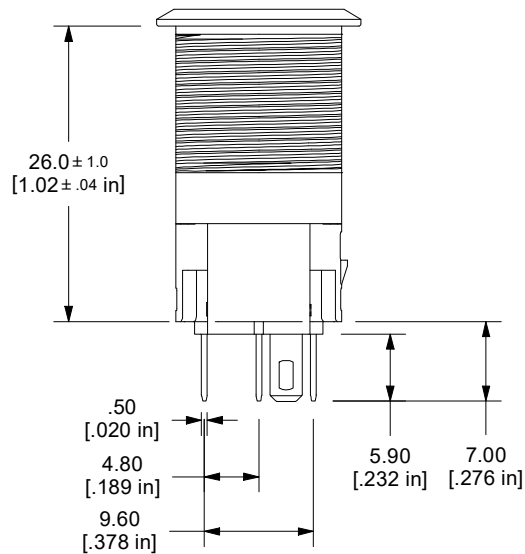
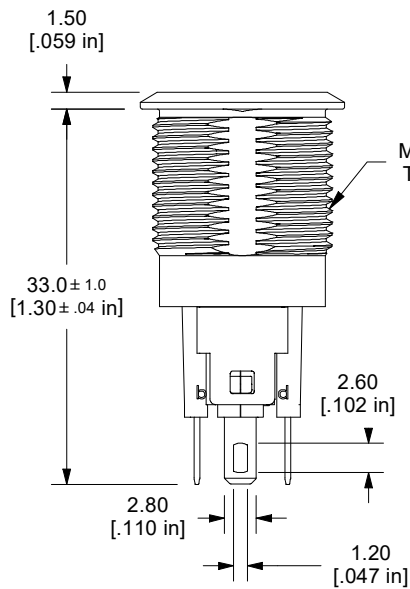
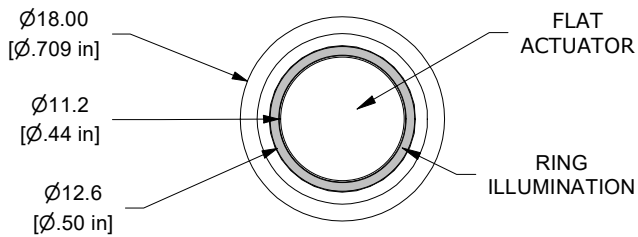
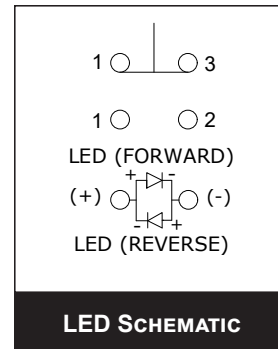
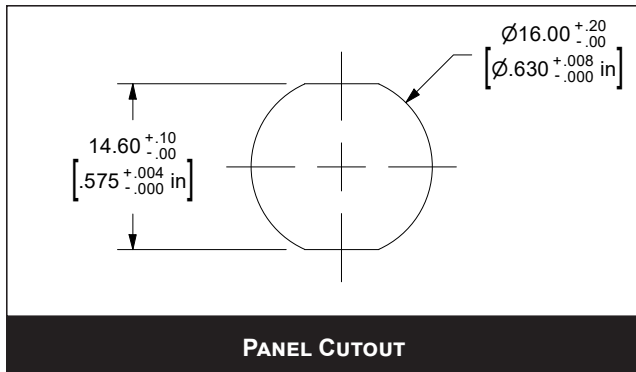
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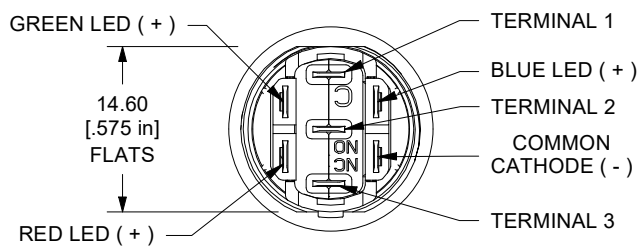
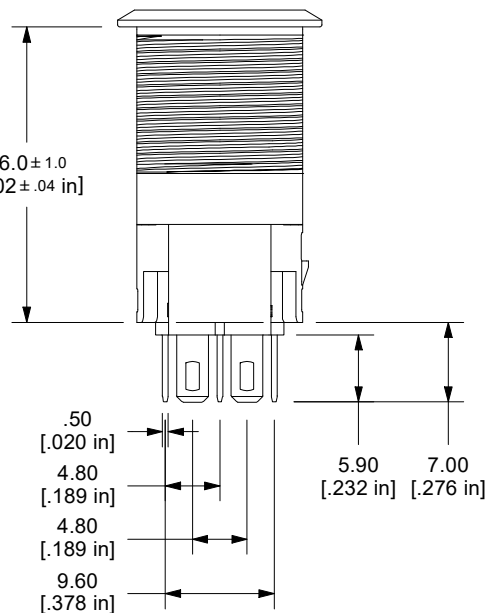
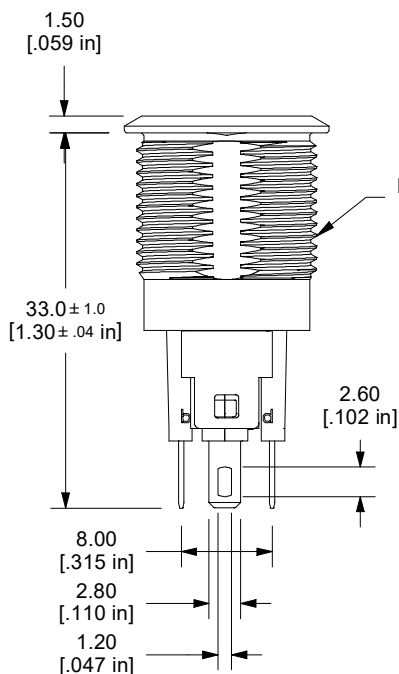
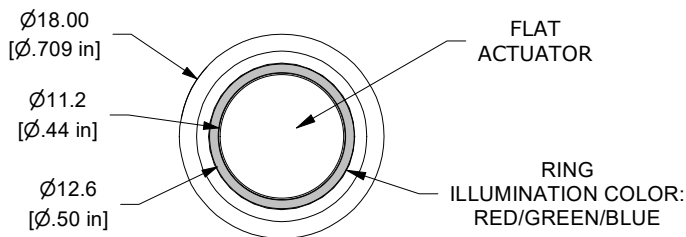
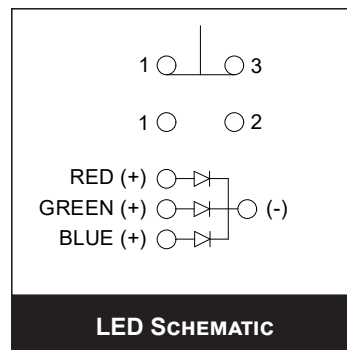
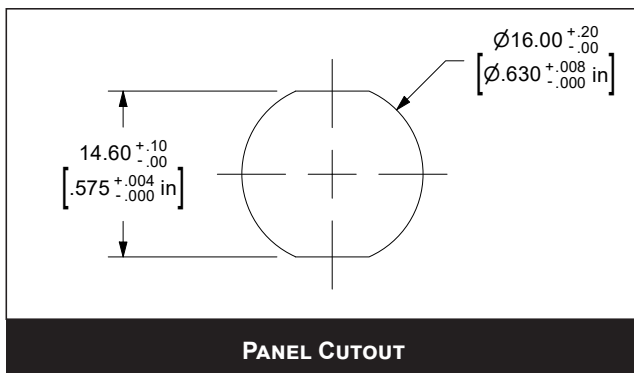
# PVB3 SERIES ANTI-VANDAL SWITCH

## FLAT ACTUATOR LED ILLUMINATED RING BODY DIMENSIONS



# PVB3 SERIES ANTI-VANDAL SWITCH

## FLAT ACTUATOR RGB ILLUMINATED RING BODY DIMENSIONS



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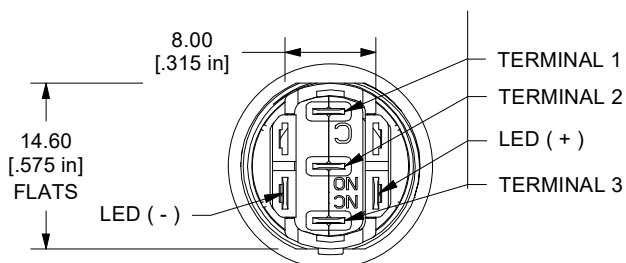
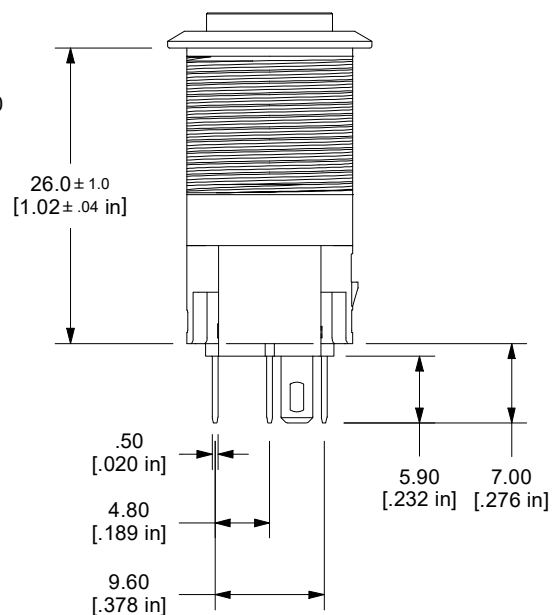
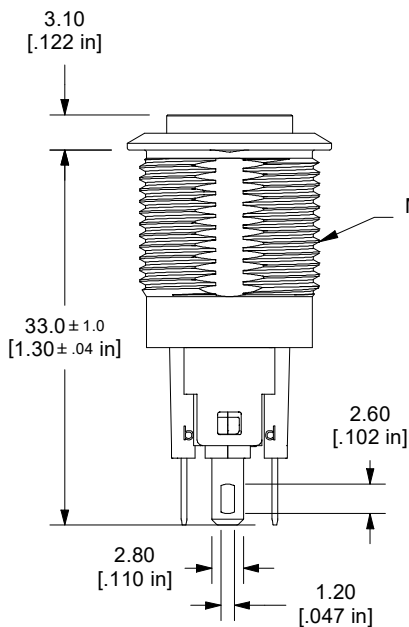
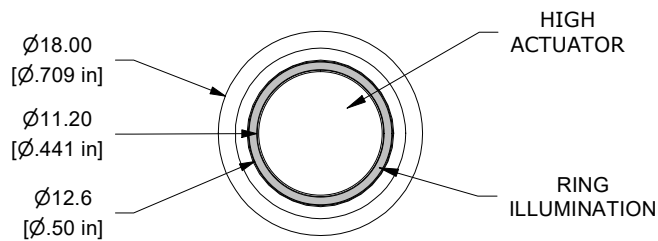
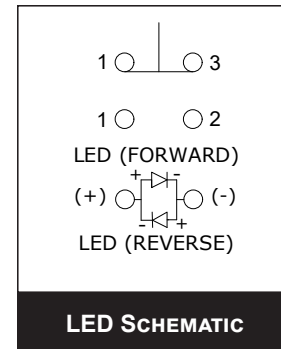
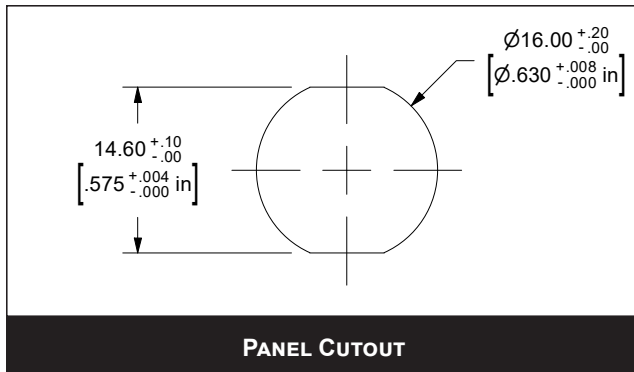
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# PVB3 SERIES ANTI-VANDAL SWITCH

## HIGH ACTUATOR LED ILLUMINATED RING BODY DIMENSIONS



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ROTARY  
SWITCHES

SLIDE  
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SNAP ACTION  
SWITCHES

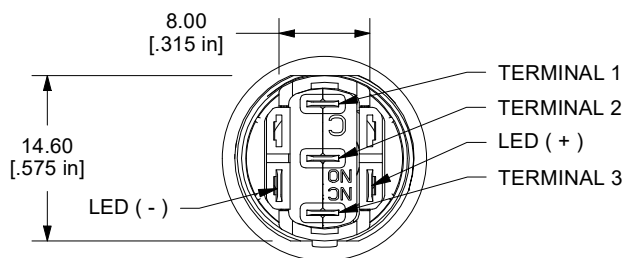
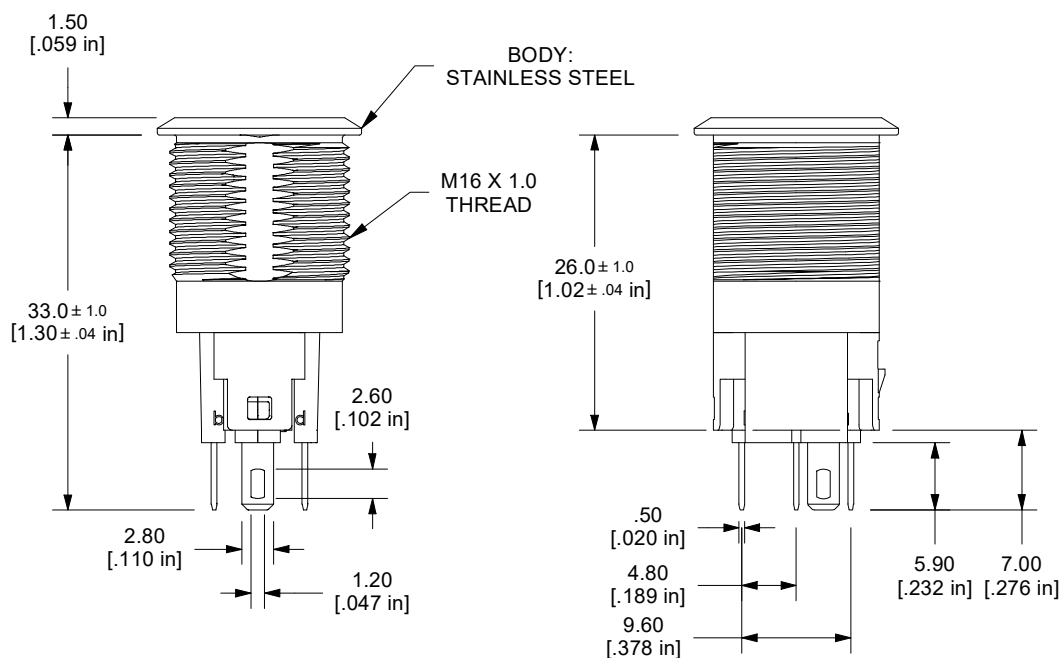
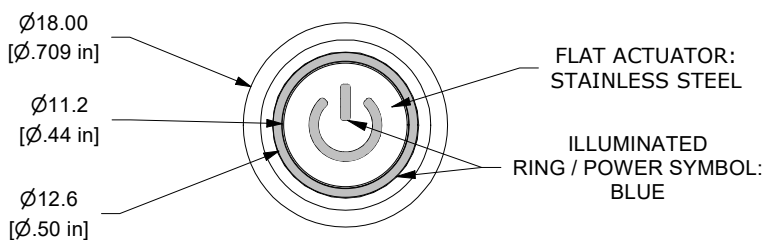
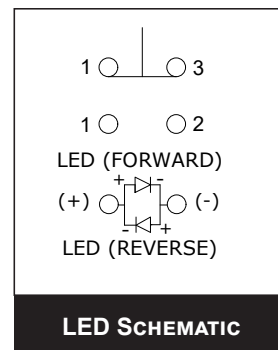
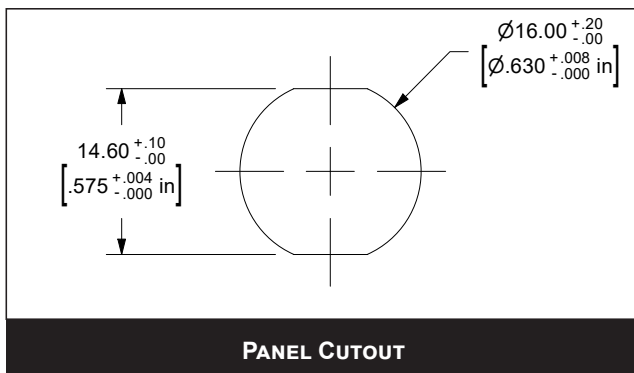
TACTILE  
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TOGGLE  
SWITCHES

CAP  
OPTIONS

# PVB3 SERIES ANTI-VANDAL SWITCH

## FLAT ACTUATOR LED ILLUM RING/POWER BODY DIMENSIONS



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