

# PVB3 SERIES ANTI-VANDAL SWITCH



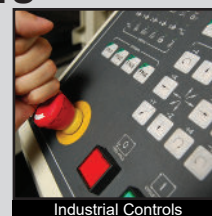
## APPLICATIONS / MARKETS



Commercial Appliances



Security Devices



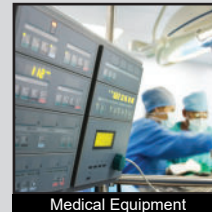
Industrial Controls



Kiosks



Electrical Housewares



Medical Equipment

# RoHS

## SPECIFICATIONS

**Electrical Rating:** 2A, 24VDC. 0.5A, 220VAC  
**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:** -25°C to 55°C  
**Travel:** 3.0mm  
**Moisture Protection:** IP65  
**Contact Arrangement:** SPDT  
**Actuation Force:** 2.5N  
**Panel Thickness:** 1-7mm

## FEATURES & BENEFITS

- 16mm panel cutout
- Ring illumination option
- Multiple LED color options
- IP65 rated
- Momentary or Latching functions

## 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="On - (On)*"/><br><input type="text" value="3 - 1P"/><br><input type="text" value="On - On"/> | <input type="text" value="0 - 2A, 24VDC."/><br><input type="text" value="0.5A, 220VAC"/> | <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"/> | <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

† 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 11.1.2023



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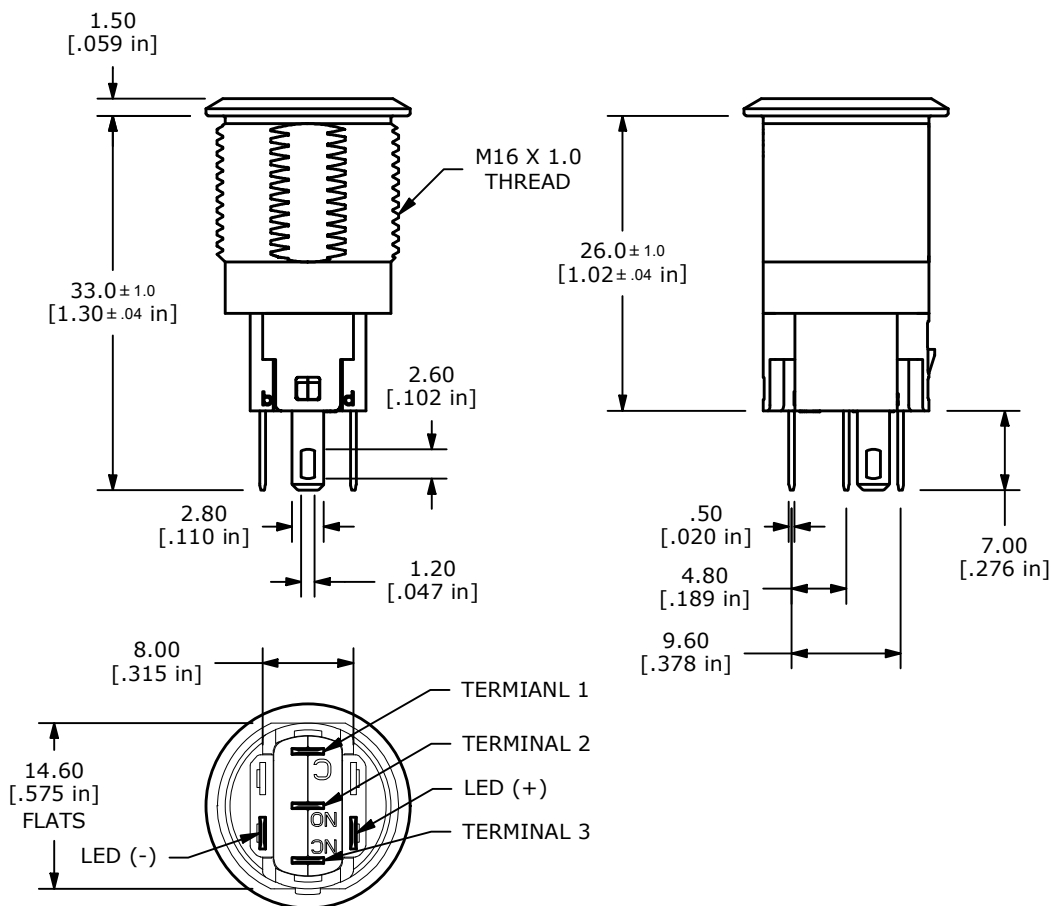
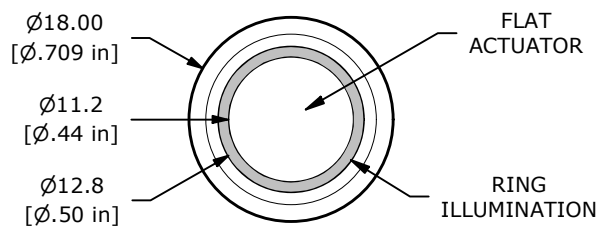
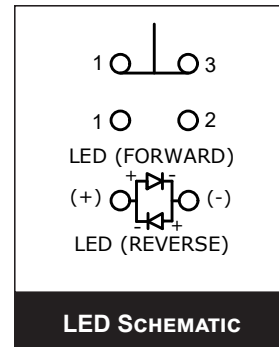
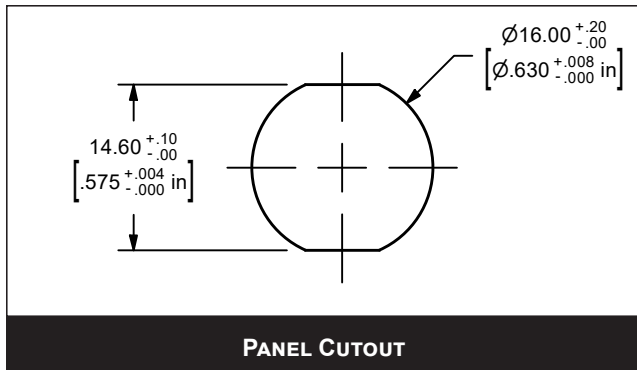
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# PVB3 SERIES ANTI-VANDAL SWITCH

## FLAT ACTUATOR LED ILLUMINATED RING BODY DIMENSIONS



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ANTI-VANDAL  
SWITCHES

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SWITCHES

DIP  
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KEYLOCK  
SWITCHES

NAVIGATION  
SWITCHES

PUSHBUTTON  
SWITCHES

ROCKER  
SWITCHES

ROTARY  
SWITCHES

SLIDE  
SWITCHES

SNAP ACTION  
SWITCHES

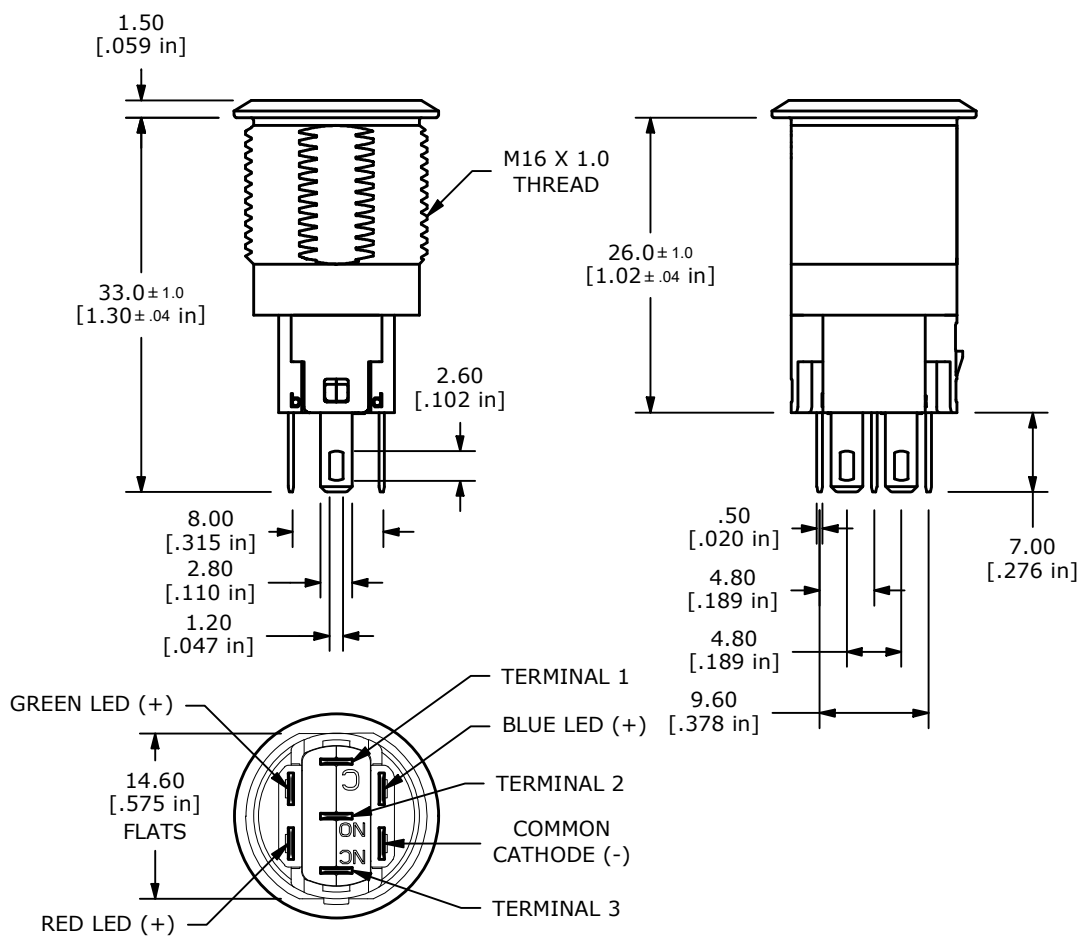
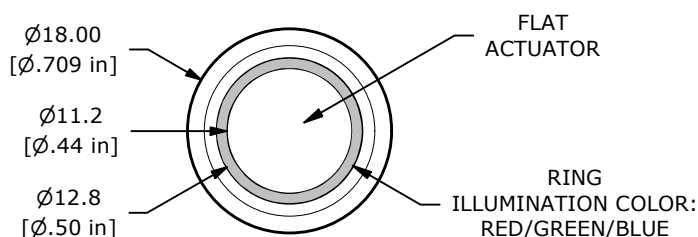
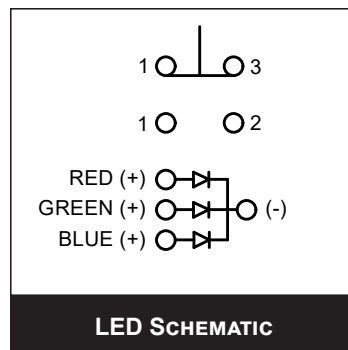
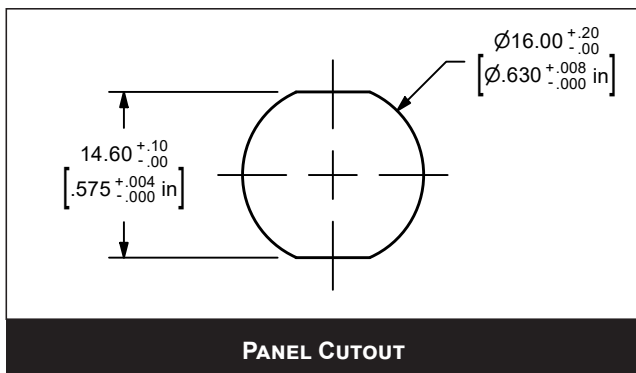
TACTILE  
SWITCHES

TOGGLE  
SWITCHES

CAP  
OPTIONS

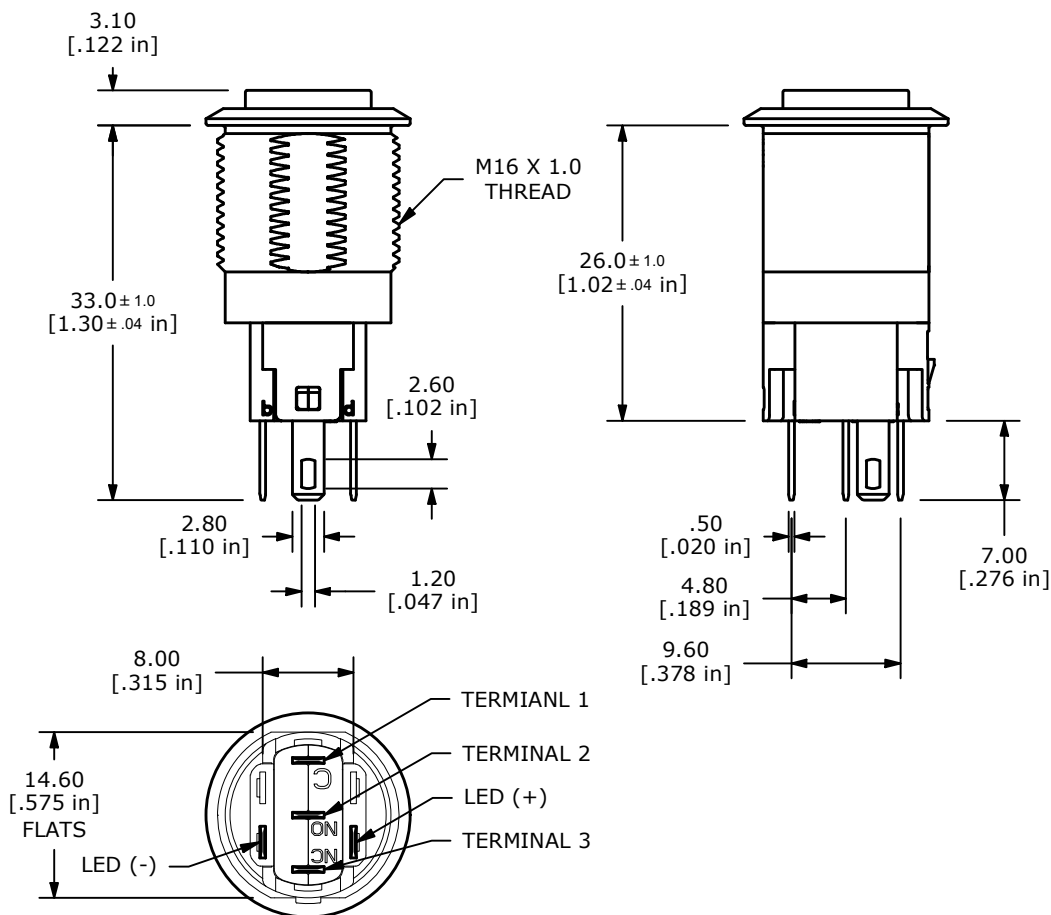
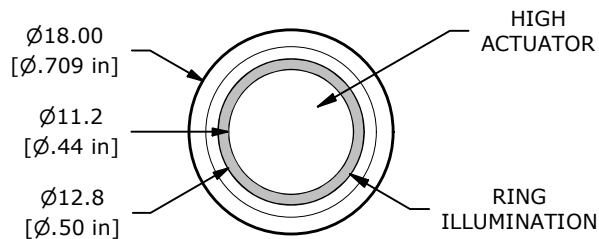
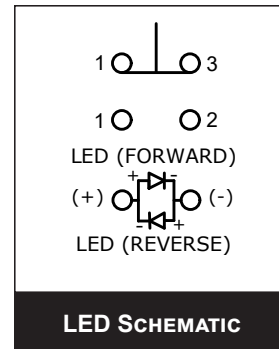
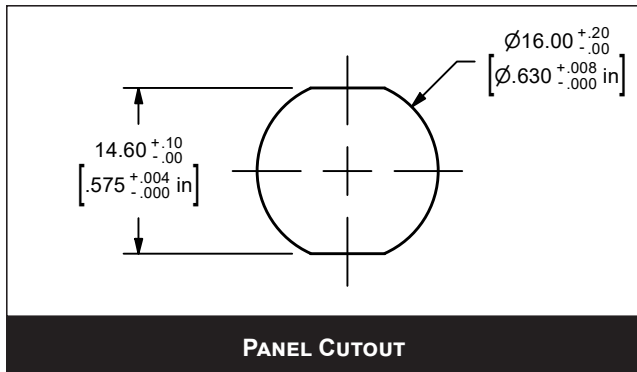
# PVB3 SERIES ANTI-VANDAL SWITCH

## FLAT ACTUATOR RGB ILLUMINATED RING BODY DIMENSIONS



# PVB3 SERIES ANTI-VANDAL SWITCH

## HIGH ACTUATOR LED ILLUMINATED RING BODY DIMENSIONS



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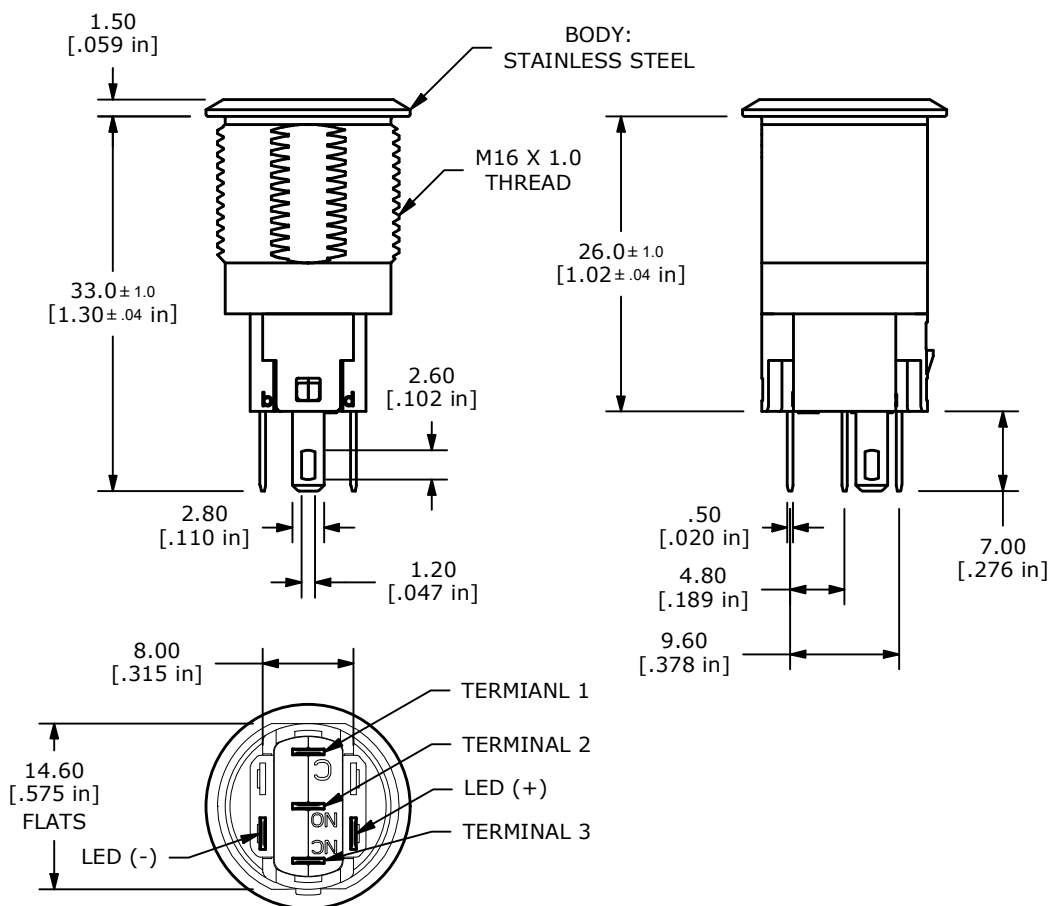
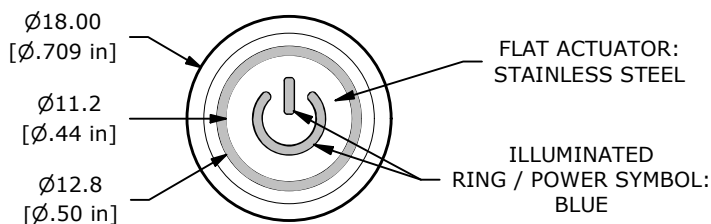
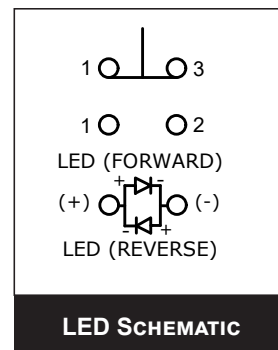
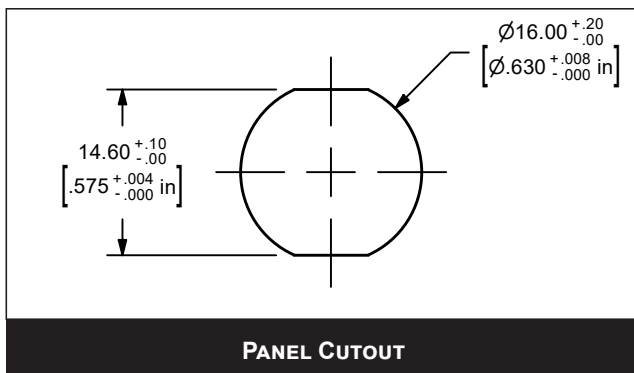
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ROTARY SWITCHES  
SLIDE SWITCHES  
SNAP ACTION SWITCHES  
TACTILE SWITCHES  
TOGGLE SWITCHES  
CAP OPTIONS

# PVB3 SERIES ANTI-VANDAL SWITCH

## FLAT ACTUATOR LED ILLUM RING/POWER BODY DIMENSIONS



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