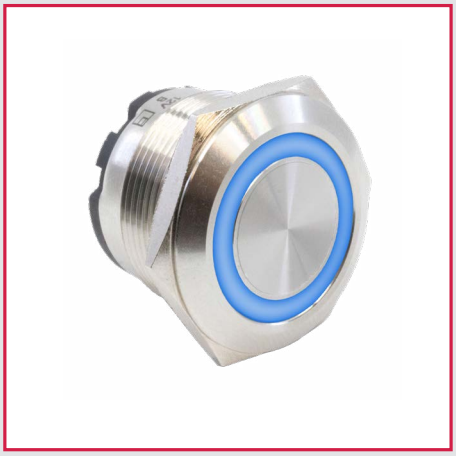
# PVHC7 Series Anti-Vandal Switch





## Specifications

**Contact Rating:** 20A @ 250VAC, UL
**Contact Arrangement:** SPST
**Contact Resistance:** 50mΩ Max
**Insulation Resistance:** 100MΩ Min @ 500VDC
**Dielectric Strength:** 1,500VAC for 1 Minute
**Electrical Life:** 50,000 Cycles
**Mechanical Life:** 500,000 Cycles Latching
1,000,000 Cycles Momentary
**Operating Temperature:** -40°C to 85°C
**Travel:** 3.50mm
**Moisture Protection:** IP67
**Actuation Force:** 6N
**Panel Thickness:** 1-6mm
**Mounting Nut Torque** : 0.6Nm

## Features & Benefits

**High Current Anti-Vandal Switch**
**22mm diameter Panel Cutout**
**SPST circuit; latching or momentary function**
**Solder or Wire Leads 300mm termination**
**LED Illuminated Ring or Ring/Power Symbol**
**Stainless Steel or Black Anodized finish**
**IP67 rated**
**UL508 Certified, E504759**

## Part Number Configurator

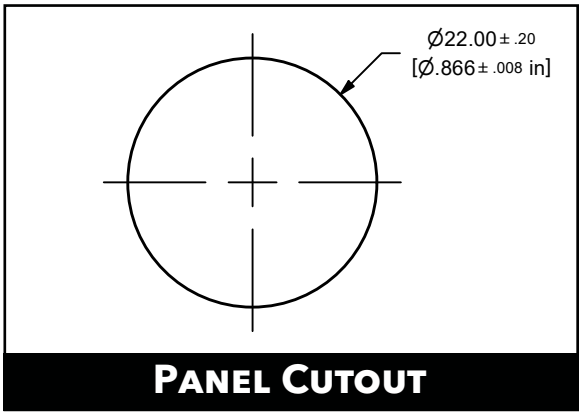
| Series | Actuator | Terminal | Function | Body Finish | Actuator Finish | Contact Material | Lens Style | LED Color | LED Voltage |
|---|---|---|---|---|---|---|---|---|---|
| **PVHC7** | **F** - Flat | **2** - Solder Lug<br>**W** - Wire Leads 300mm | **3** - SPST Off-On<br>**B** - SPST Off-(On) | **S** - Stainless Steel<br>1 - Black Anodized | **S** - Stainless Steel<br>1 - Black Anodized | **NONE** - Silver | **NONE** - Non-Illuminated<br>**3** - Ring Illumination<br>**6** - Ring/Power Symbol Illumination | **NONE** - Non-Illuminated<br>**0** - White<br>**1** - Red<br>**3** - Green<br>**4** - Blue<br>**5** - Yellow | **NONE** - Non-Illuminated<br>**3** - 6V<br>**4** - 12V<br>**5** - 24V |

NOTES:
( ) Denotes function is momentary
Additional LED colors including Bi-color LED available upon request

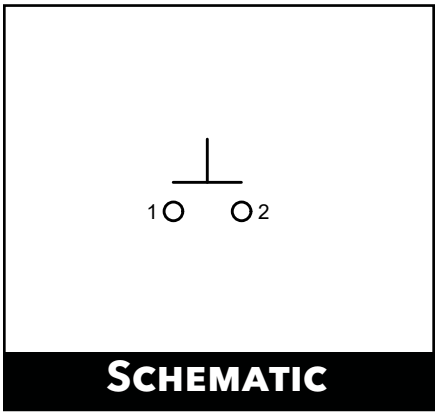
*Specifications subject to change without notice 6/24/2026*

# PVHC7 Series Anti-Vandal Switch - Body Dimensions

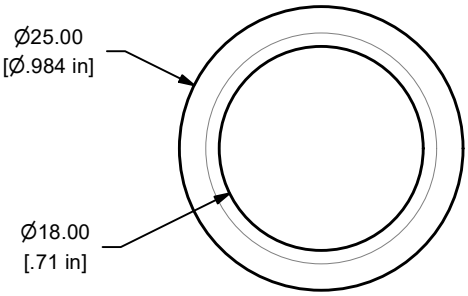
## Non-Illuminated

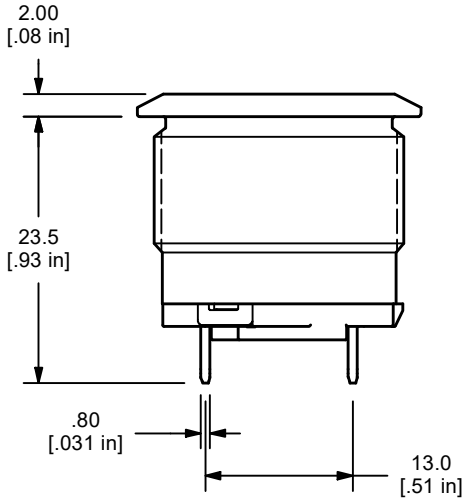


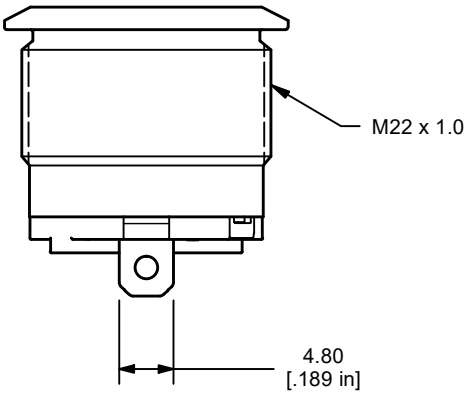

Panel Cutout

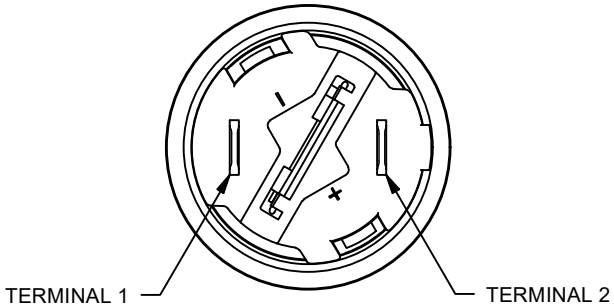



Schematic



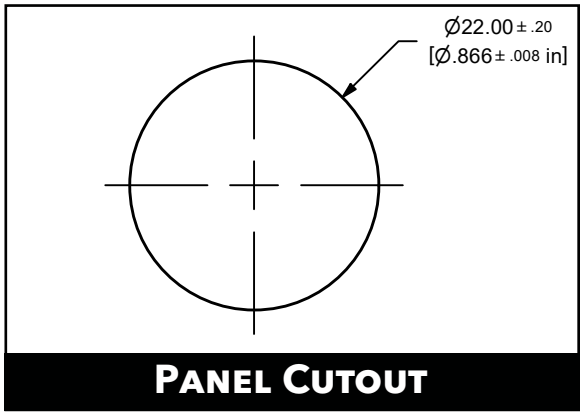



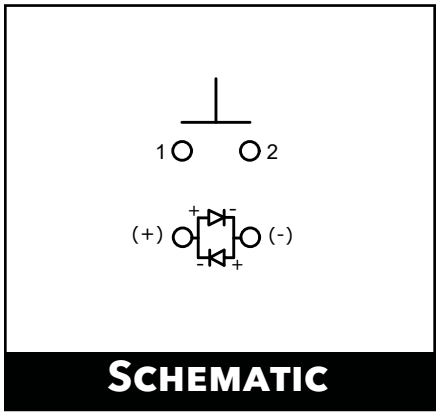



# PVHC7 Series Anti-Vandal Switch - Body Dimensions

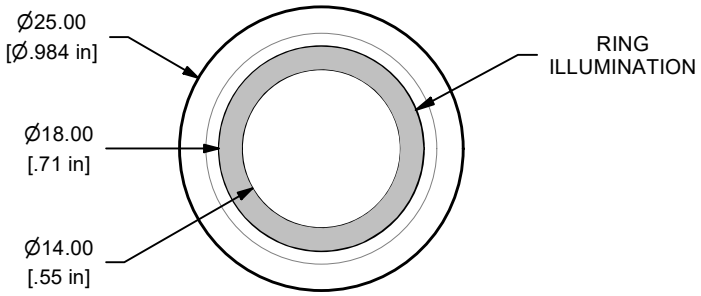
## Illuminated Ring

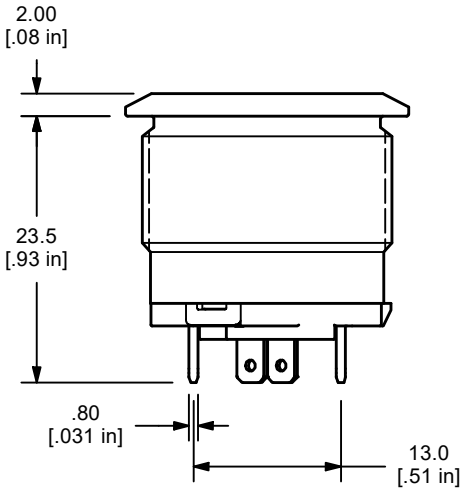


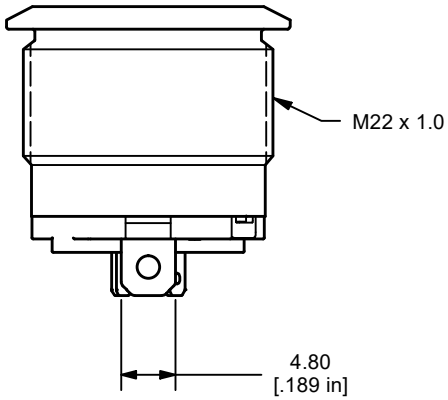

Panel Cutout

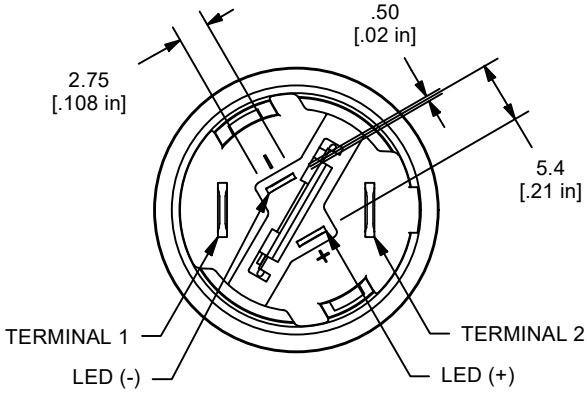



Schematic



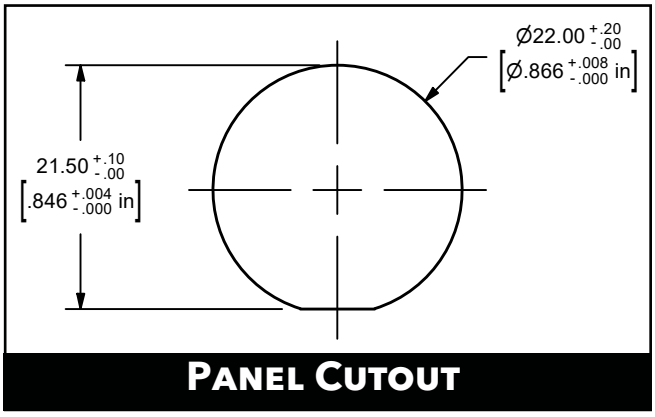



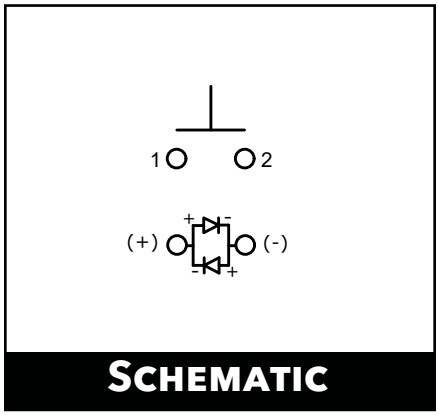



# PVHC7 Series Anti-Vandal Switch - Body Dimensions

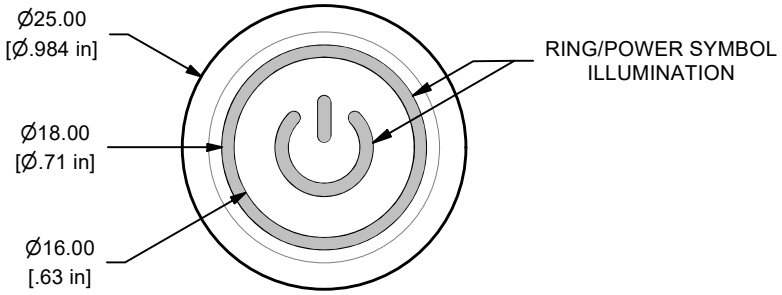
## Illuminated Ring/Power Symbol

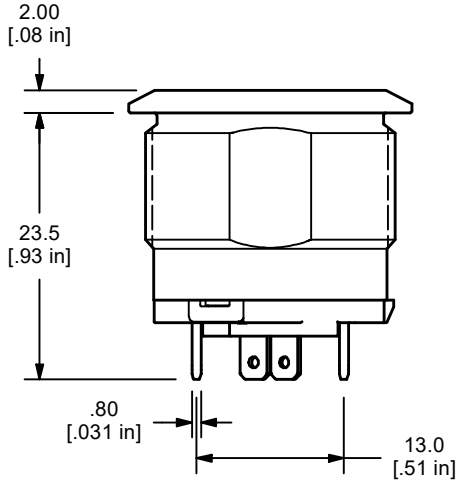


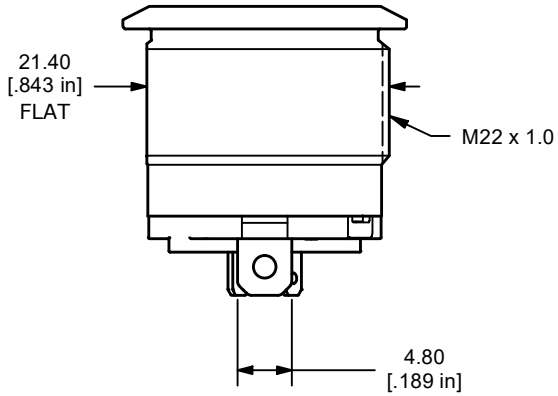

Panel Cutout

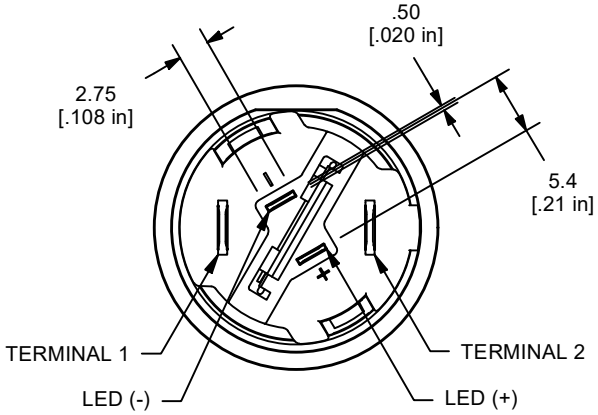



Schematic



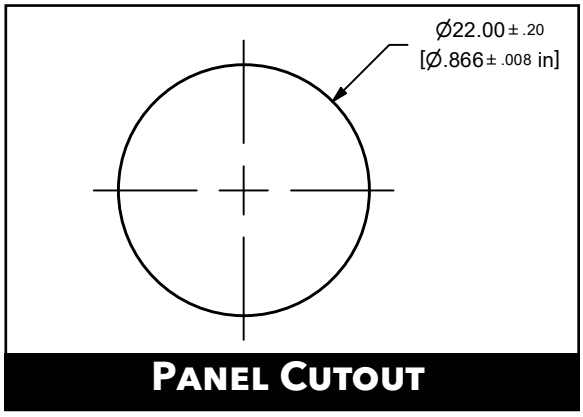



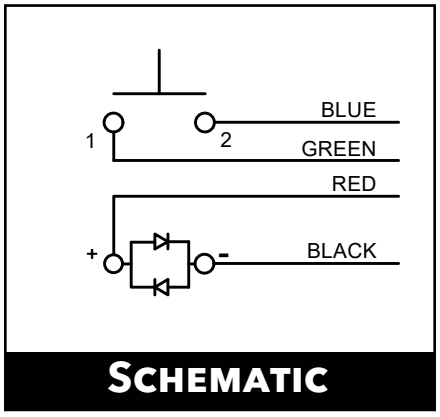



# PVHC7 Series Anti-Vandal Switch - Body Dimensions

## Wire Leads 300mm




Panel Cutout




Schematic

| SW1 | WIRE | LENGTH |
|---|---|---|
| SW1-(-) | WIRE, 24AWG STRANDED AWM UL1015, BLACK | 300.0 [11.8 in] |
| SW1-(+) | WIRE, 24AWG STRANDED AWM UL1015, RED | 300.0 [11.8 in] |
| SW1-1 | WIRE, 14AWG STRANDED AWM UL1015, GREEN | 300.0 [11.8 in] |
| SW1-2 | WIRE, 14AWG STRANDED AWM UL1015, BLUE | 300.0 [11.8 in] |

