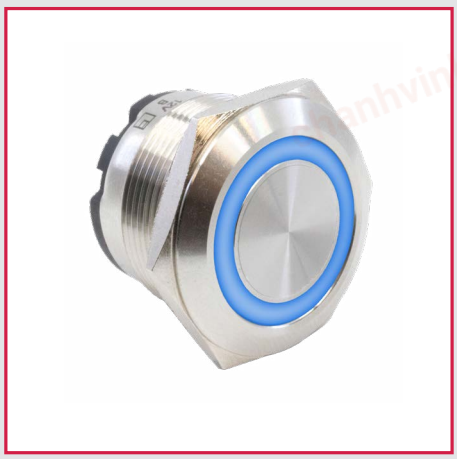
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E•SWITCH®

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 **W** - Wire Leads 300mm	**3** - SPST Off-On **B** - SPST Off-(On)	**S** - Stainless Steel 1 - Black Anodized	**S** - Stainless Steel 1 - Black Anodized	**NONE** - Silver	**NONE** - Non-Illuminated **3** - Ring Illumination **6** - Ring/Power Symbol Illumination	**NONE** - Non-Illuminated **0** - White **1** - Red **3** - Green **4** - Blue **5** - Yellow	**NONE** - Non-Illuminated **3** - 6V **4** - 12V **5** - 24V

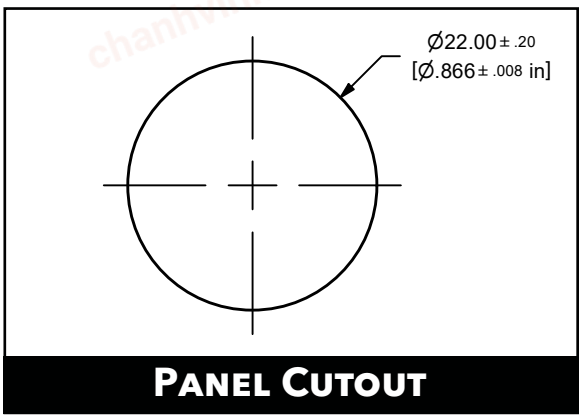
NOTES:
( ) Denotes function is momentary
Additional LED colors including Bi-color LED available upon request

Specifications subject to change without notice 6/24/2026

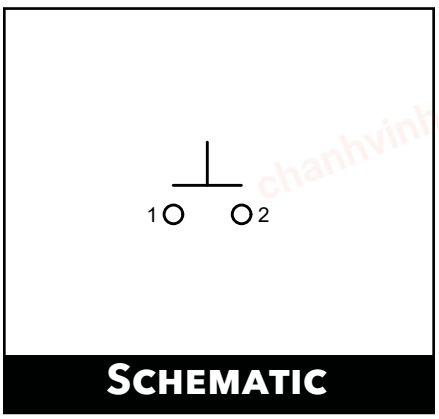
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PVHC7 Series Anti-Vandal Switch - Body Dimensions

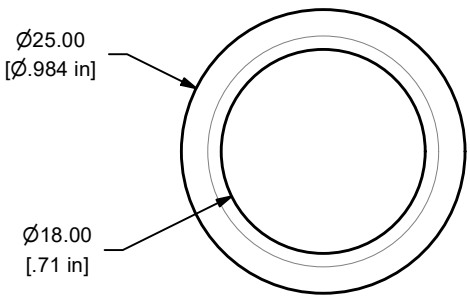
Non-Illuminated

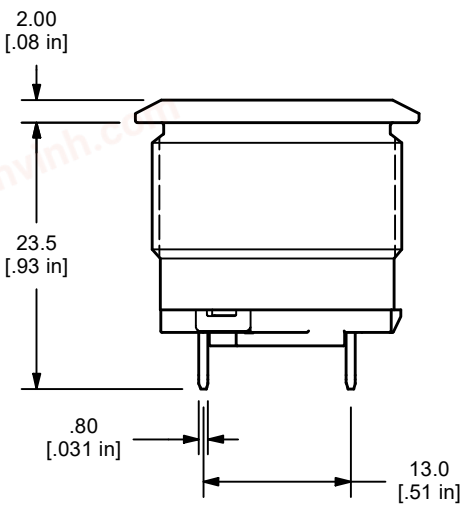


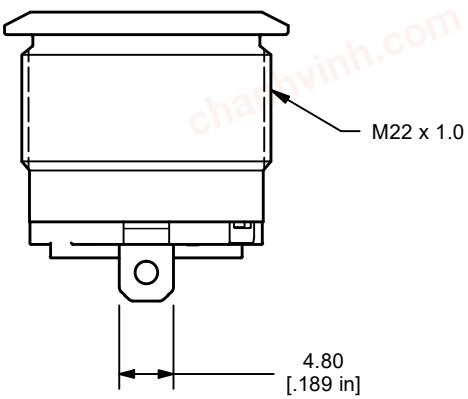
Panel Cutout

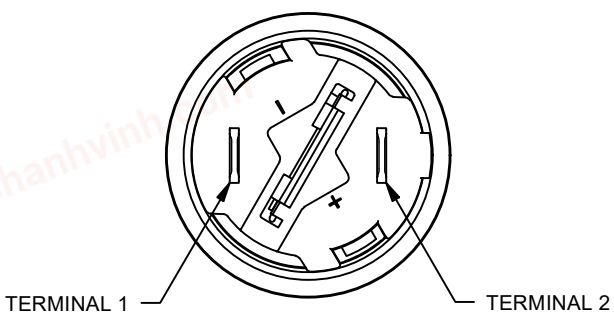


Schematic





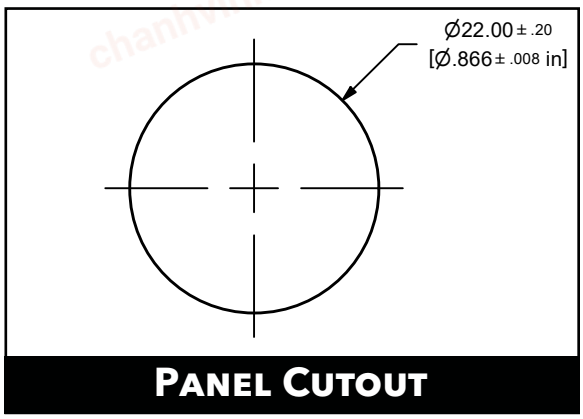




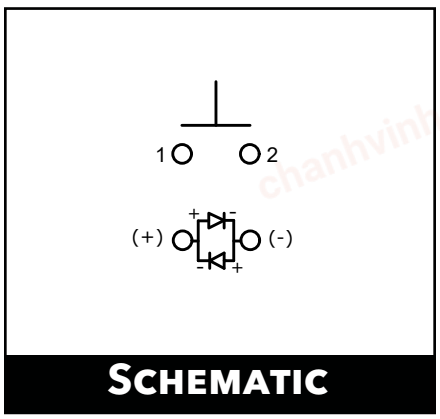
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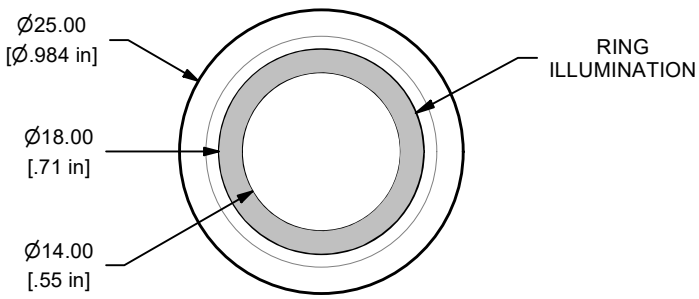
Illuminated Ring

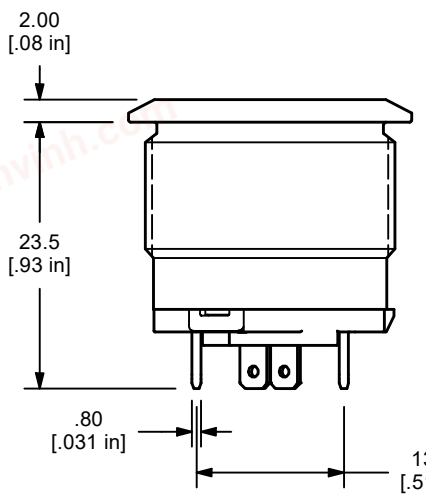


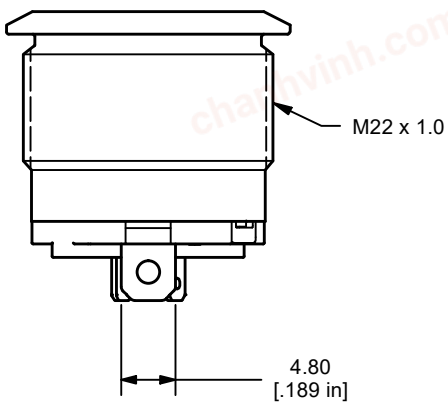
Panel Cutout

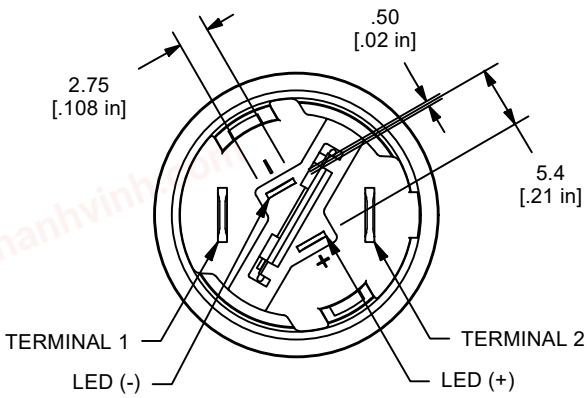


Schematic





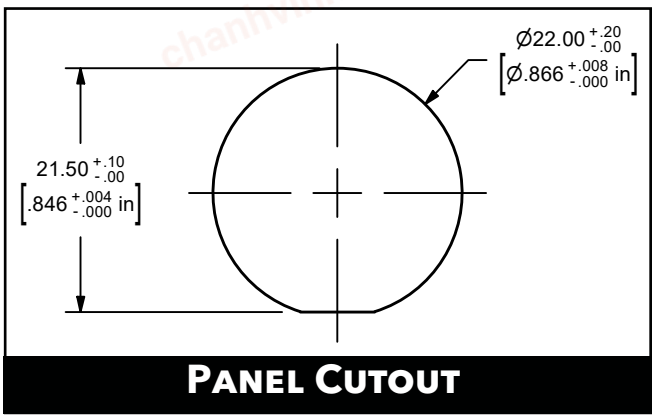




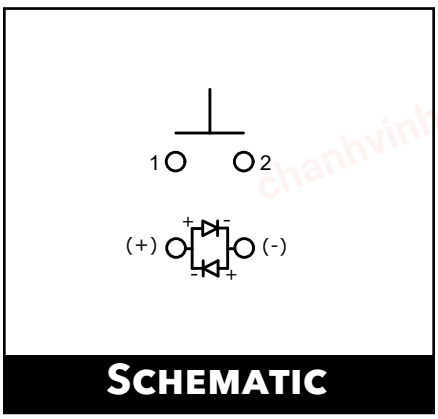
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PVHC7 Series Anti-Vandal Switch - Body Dimensions

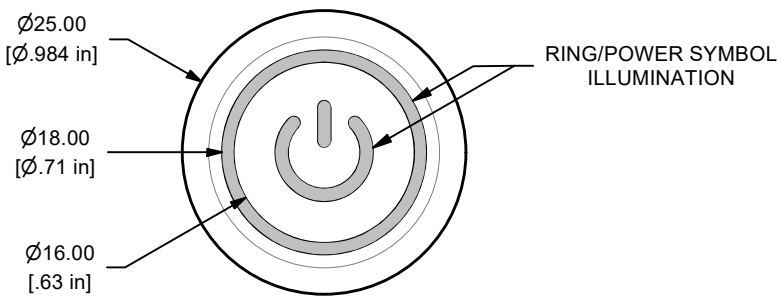
Illuminated Ring/Power Symbol

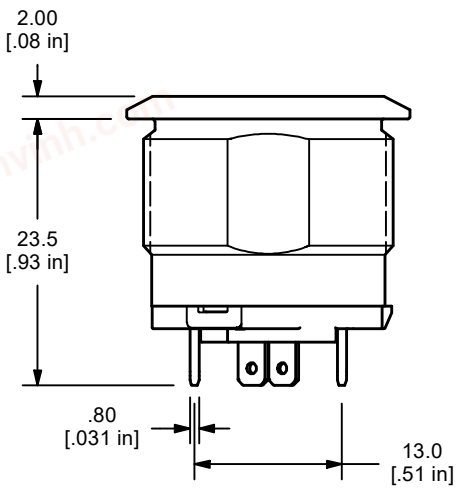


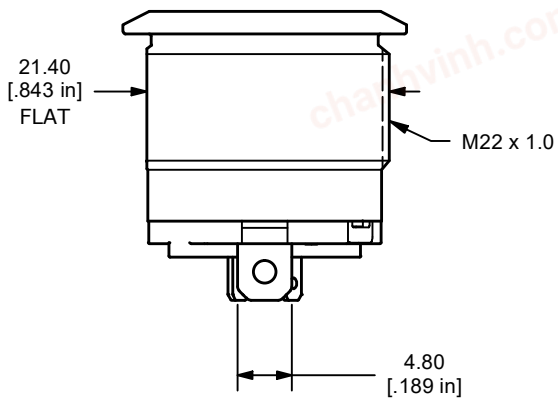
Panel Cutout

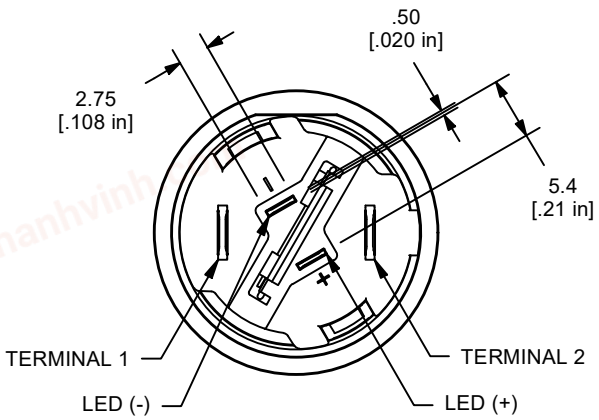


Schematic





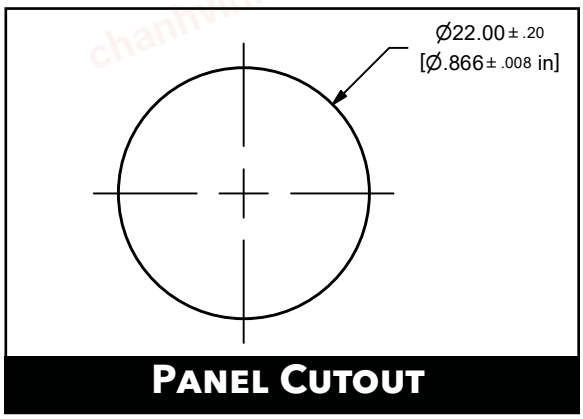




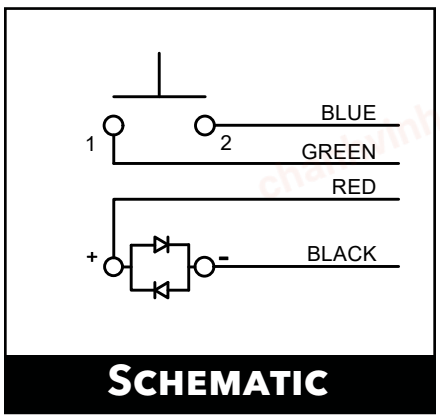
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PVHC7 Series Anti-Vandal Switch - Body Dimensions

Wire Leads 300mm

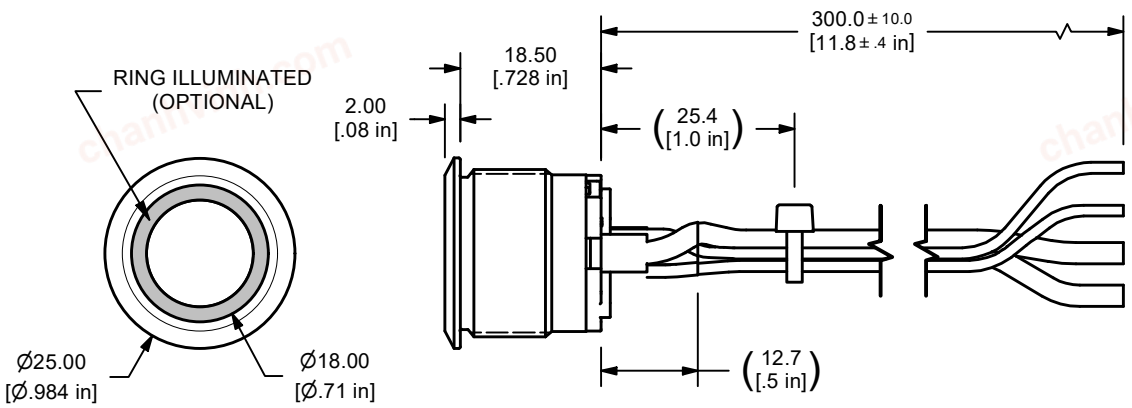


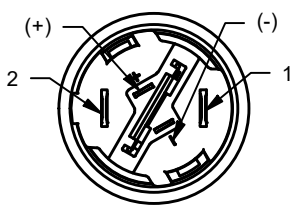
Panel Cutout



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]





BOTTOM VIEW
SHOWN WITHOUT
WIRING

