

PVB7 SERIES ANTI-VANDAL SWITCH



SPECIFICATIONS

Electrical Rating: 5A, 250VAC UL; 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, DPDT
Actuation Force: 2.5N
Panel Thickness: 1-7mm

FEATURES & BENEFITS

- 22mm diameter Panel Cutout
- SPDT or DPDT circuit; latching or momentary function
- Solder, Wire Leads 300mm, or Wire Leads w/ Connector
- LED illuminated Ring, or Ring/Power Symbol
- RGB illumination option
- Flat Actuator
- Stainless Steel or Black Anodized Finish
- Silver or Gold contact material
- IP67 rated

PART NUMBER CONFIGURATOR

Series	Actuator	Terminal	Function	Rating	Body Finish	Actuator Finish	Contact Material	Lens Style	LED Color	LED Voltage
PVB7	F - Flat	2 - Solder Wire Leads 300mm C - Wire Leads 300mm w/ Connector	3 - SPDT On-On B - SPDT On-(On) G - DPDT On-On H - DPDT On-(On)	0 - 5A, 250VAC 2A, 24VDC	S - Stainless Steel 1 - Black Anodized	S - Stainless Steel 1 - Black Anodized	NONE - Silver G - Gold	NONE - Non-Illuminated 3 - Ring Illumination 6 - Ring / Power Symbol Illumination	NONE - Non-Illuminated 0 - White 1 - Red 2 - Orange 3 - Green 4 - Blue 5 - Yellow R - RGB Common Cathode RA - RGB Common Anode	NONE - Non-Illuminated 1 - Base Voltage<sup>‡</sup> 3 - 6V 4 - 12V 5 - 24V 6 - 125V 7 - 250V

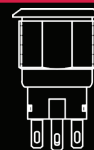
NOTES:

() Denotes function is momentary

[‡]Base voltage on LEDs:

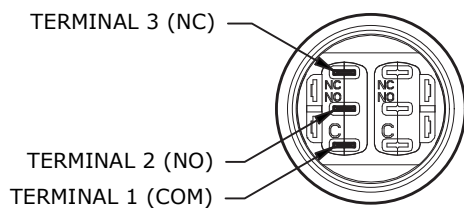
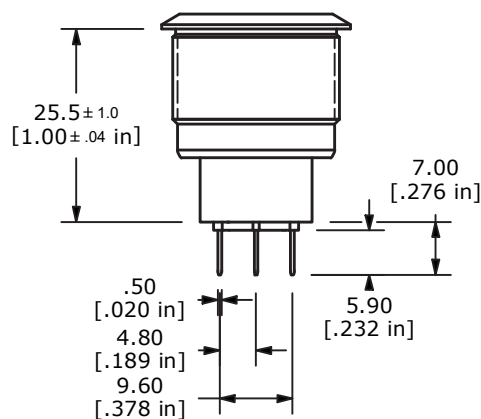
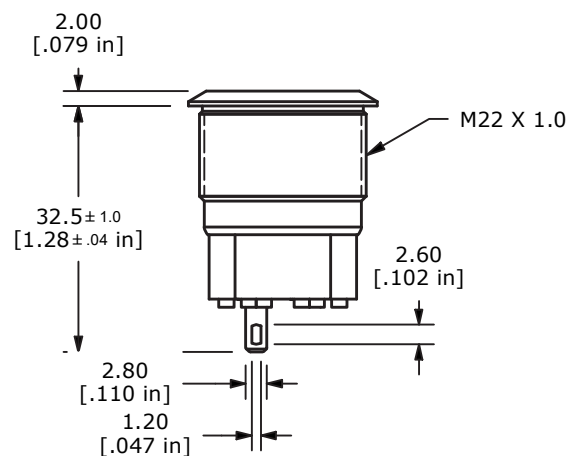
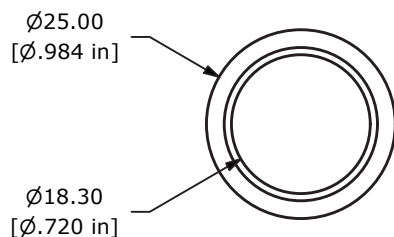
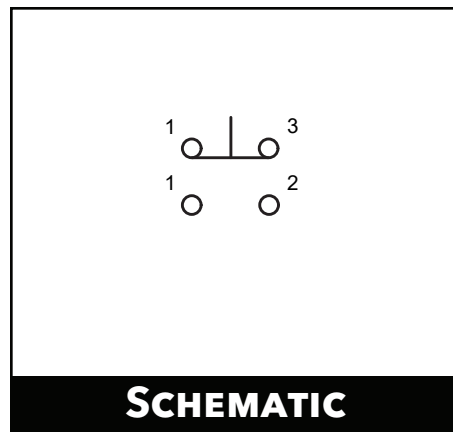
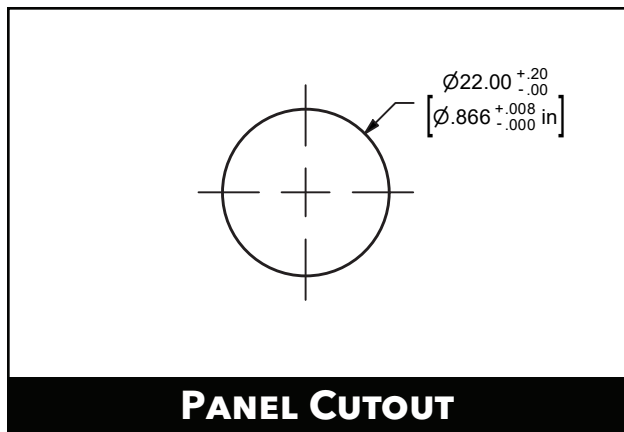
1.8V @ 20mA for Red, Yellow and Orange LED colors
 2.8V @ 20mA for Blue, Green and White LED colors

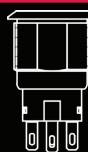
Specifications subject to change without notice 10/1/2026



PVB7 SERIES ANTI-VANDAL SWITCH - BODY DIMENSIONS

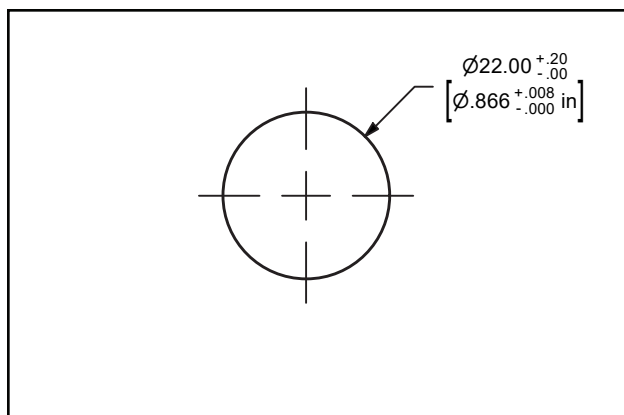
SOLDER, NON-ILLUMINATED



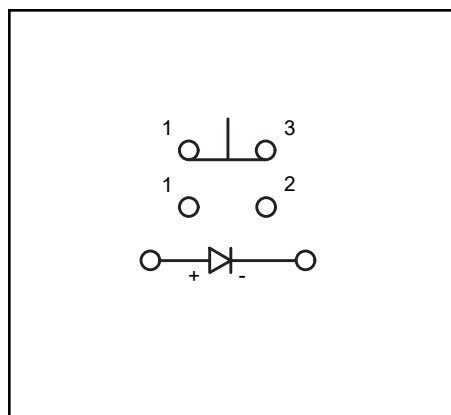


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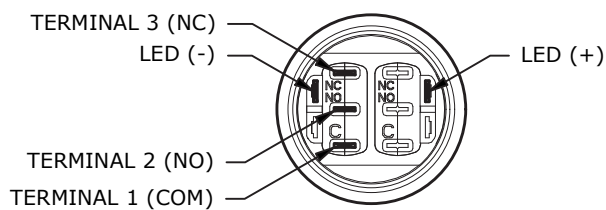
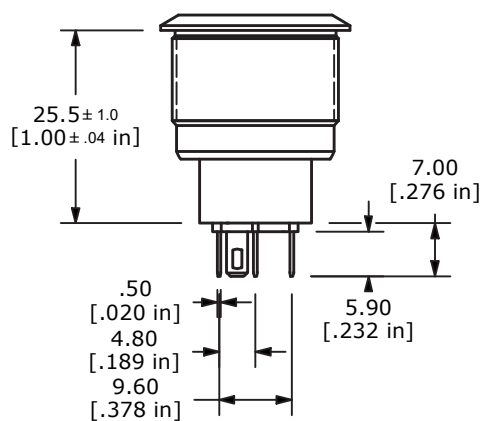
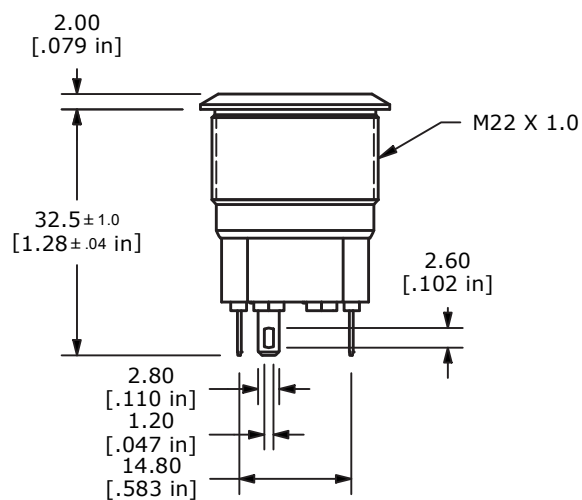
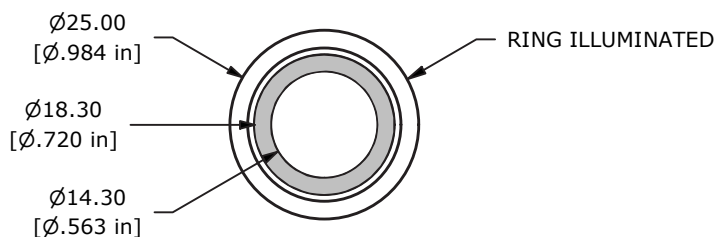
SOLDER, ILLUMINATED



PANEL CUTOUT



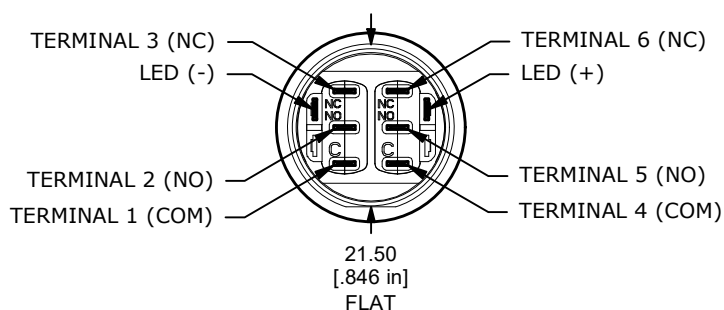
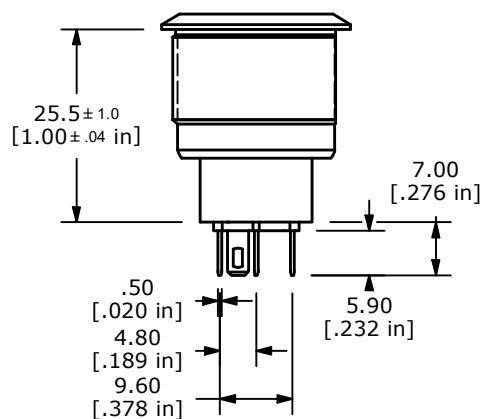
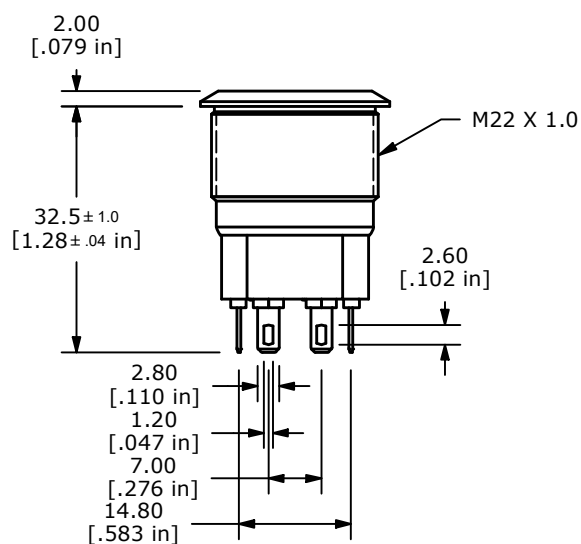
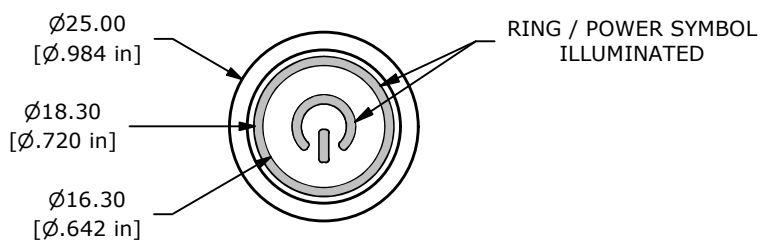
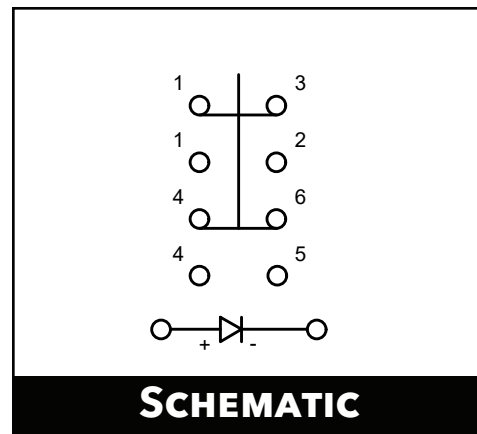
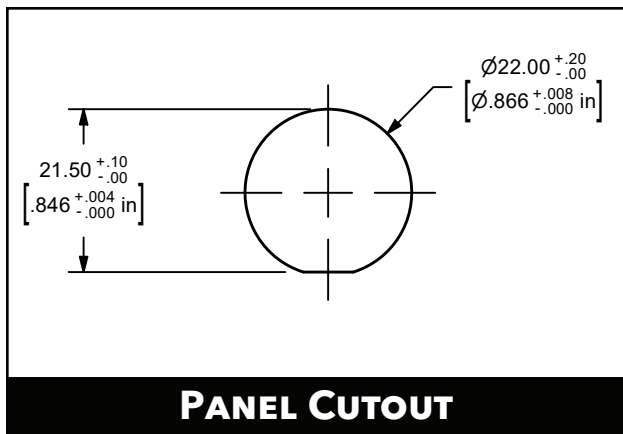
SCHEMATIC

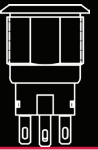




PVB7 SERIES ANTI-VANDAL SWITCH - BODY DIMENSIONS

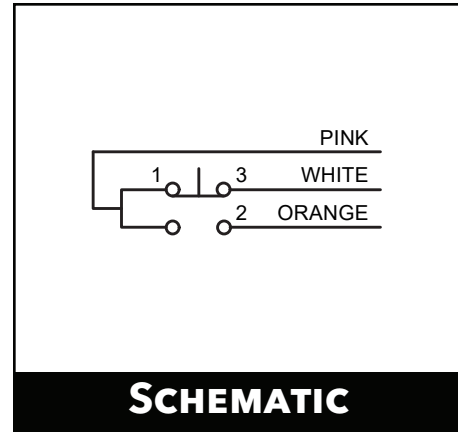
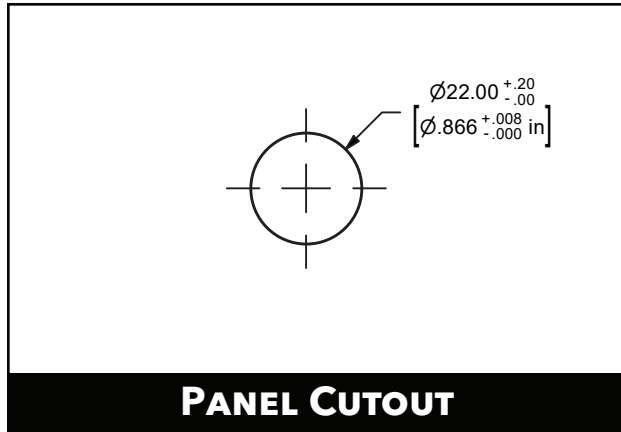
SOLDER, RGB ILLUMINATED



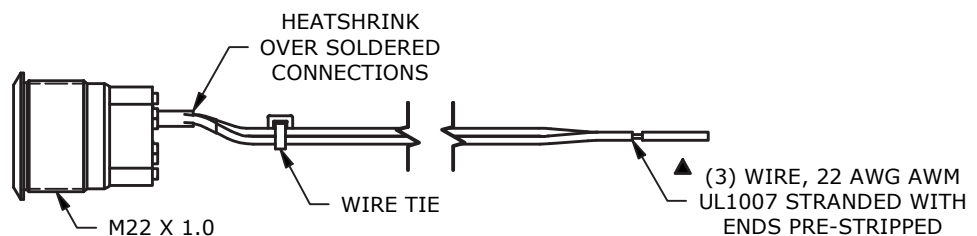
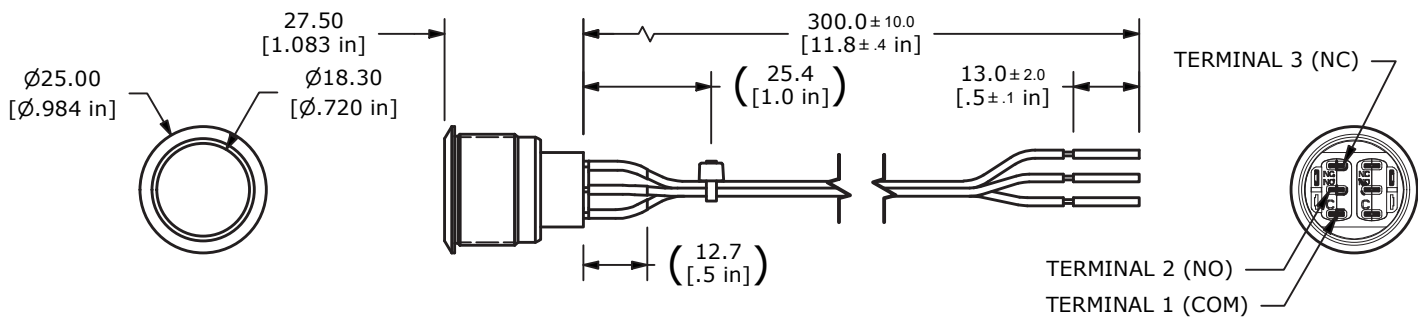


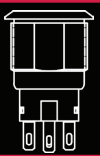
PVB7 SERIES ANTI-VANDAL SWITCH - BODY DIMENSIONS

WIRE LEADS 300MM, NON-ILLUMINATED



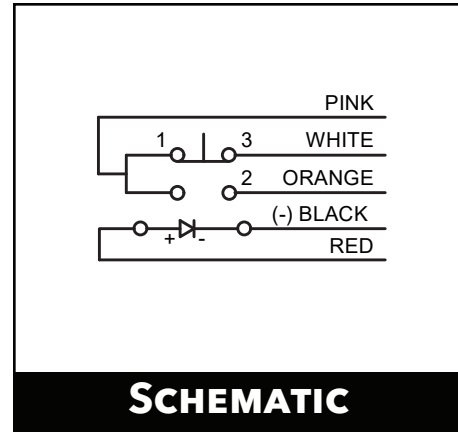
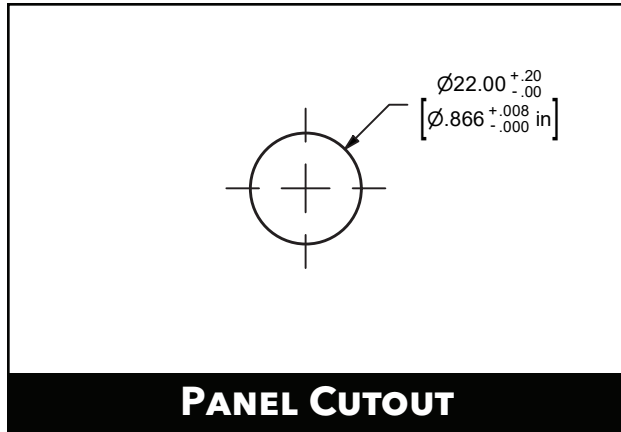
SWITCH	WIRE
SW1-1-C	WIRE, 22AWG AWM UL1007, PINK
SW1-2-NO	WIRE, 22AWG AWM UL1007, ORANGE
SW1-3-NC	WIRE, 22AWG AWM UL1007, WHITE





PVB7 SERIES ANTI-VANDAL SWITCH - BODY DIMENSIONS

WIRE LEADS 300MM, ILLUMINATED



SWITCH	WIRE
SW1-(-) CATHODE	WIRE, 22AWG AWM UL1007, BLACK
SW1-(+) ANODE	WIRE, 22AWG AWM UL1007, RED
SW1-1-C	WIRE, 22AWG AWM UL1007, PINK
SW1-2-NO	WIRE, 22AWG AWM UL1007, ORANGE
SW1-3-NC	WIRE, 22AWG AWM UL1007, WHITE

