

PV0 SERIES ANTI-VANDAL SWITCH



APPLICATIONS / MARKETS



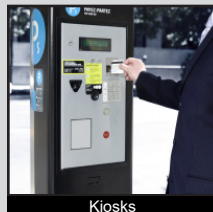
Audio / Visual



Security Devices



Industrial Controls



Kiosks



Electrical Housewares



Medical Equipment

SPECIFICATIONS

Electrical Rating: 2A, 36VDC
Mechanical Life: 1,000,000 Cycles
Electrical Life: 50,000 Cycles
Contact Resistance: 50mΩ Max.
Insulation Resistance: 1000 MΩ Min.
Dielectric Strength: 2,000VAC
Operating/Storage Temperature: -40°C to 85°C
Travel: 1.50mm
Moisture Protection: IP67
Contact Arrangement: SPST Off-(On)
Actuation Force: 4 N
Panel Thickness: 1-6mm
Mounting Nut Torque: .6Nm

FEATURES & BENEFITS

- 12mm panel cutout
- Ring or dot illumination options
- Multiple LED color options including RGB
- IP67 rated

PART NUMBER CONFIGURATOR

Series	Actuator Options	Terminal Options	Function Options	Rating Options	Body Finish Options	Actuator Finish Options	Contact Material Options	Lens Style Options	LED-Color Options	Illumination Voltage Options
PV0	H - High F - Flat	2 - Solder	4 - Off - (On)*	0 - 2A, 36VDC	S - Stainless Steel 1 - Black Anodized	S - Stainless Steel 1 - Black Anodized	NONE - Silver	NONE - Non-Illuminated 2 - Dot Illumination 3 - Ring Illumination 5 - Illuminated Power Symbol**	NONE - Non-Illuminated 0 - White 1 - Red 2 - Orange 3 - Green 4 - Blue 5 - Yellow R - RGB	NONE - Non-Illuminated 1 - Base Voltage†

NOTES:

*(ON) Denotes function is momentary

** Lens Style 5 - Illuminated Power Symbol is only available for Actuator option F - Flat

†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 8.7.2024



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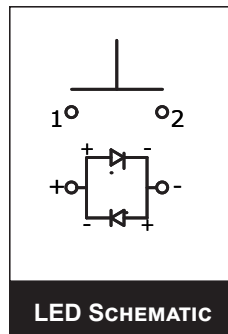
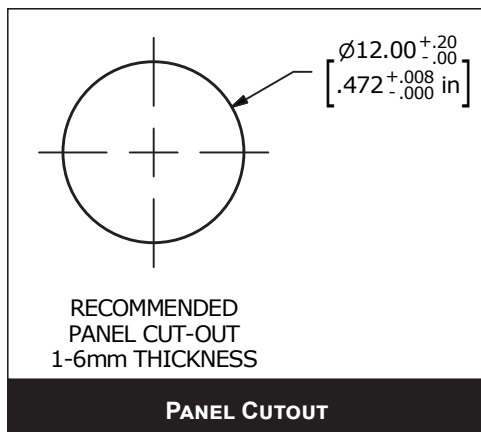
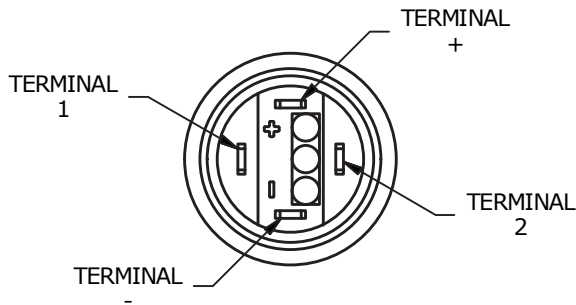
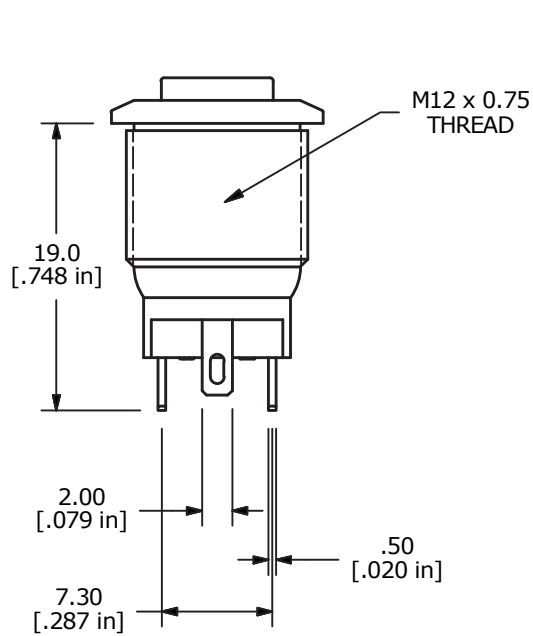
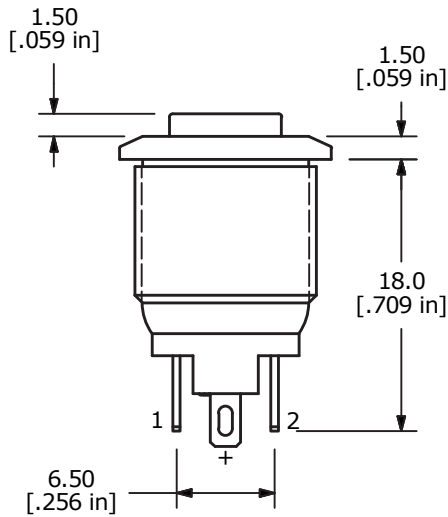
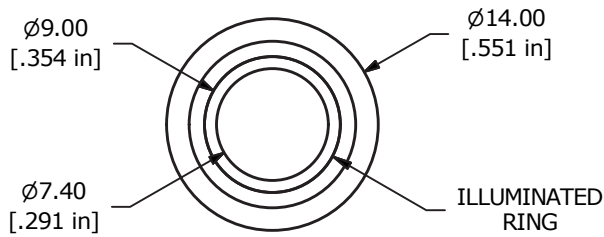
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RING ILLUMINATION



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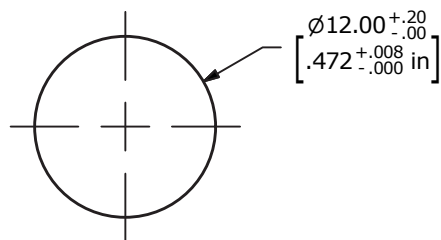
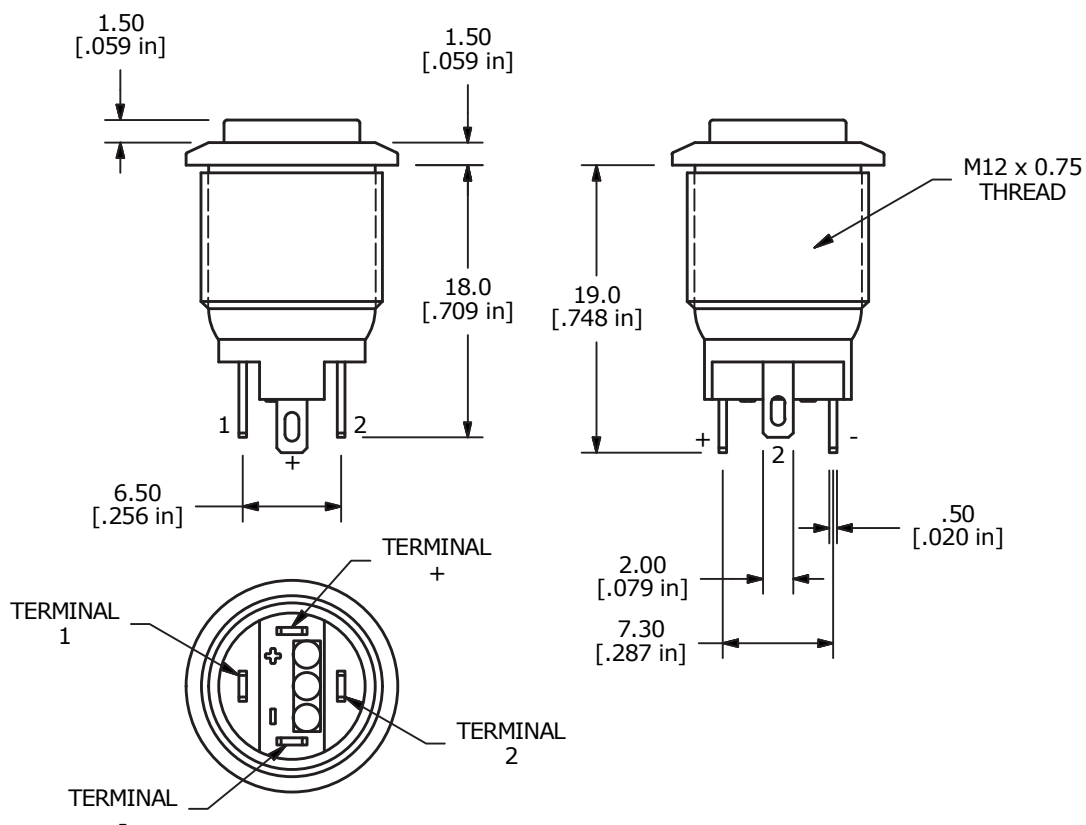
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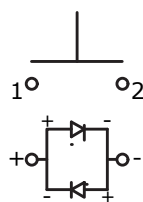
ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS

CAP OPTIONS	TOGGLE SWITCHES	TACTILE SWITCHES	SNAP ACTION SWITCHES	SLIDE SWITCHES	ROTARY SWITCHES	ROCKER SWITCHES	PUSHBUTTON SWITCHES	NAVIGATION SWITCHES	KEYLOCK SWITCHES	DIP SWITCHES	DETECTOR SWITCHES	ANTI-VANDAL SWITCHES
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Diagram illustrating the target geometry. The target consists of concentric circles. The outermost circle has a diameter of $\varnothing 9.00$ [0.354 in]. The innermost circle has a diameter of $\varnothing 3.10$ [0.122 in]. The central area is labeled "ILLUMINATED DOT".



PANEL CUTOUT



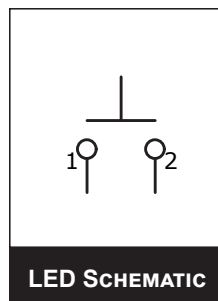
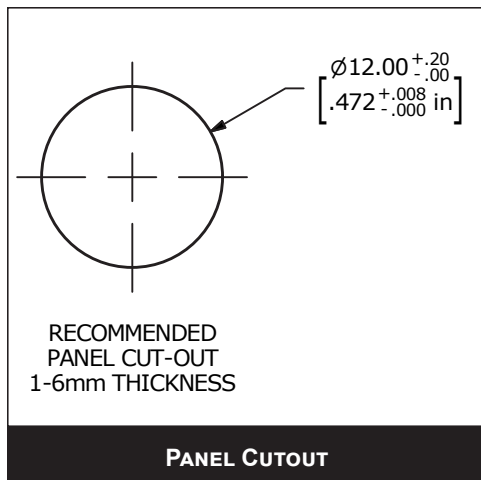
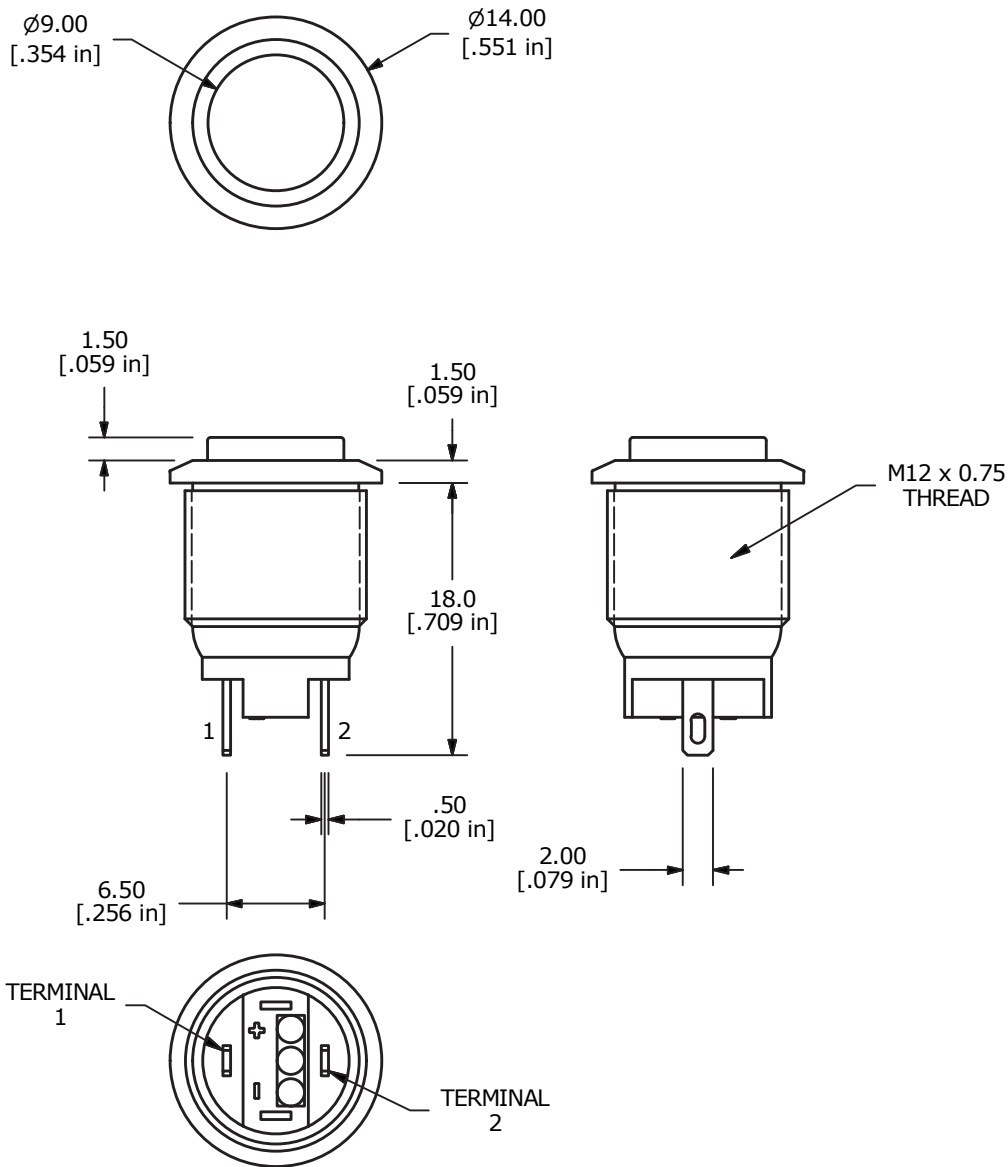
LED SCHEMATIC



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Non-ILLUMINATED



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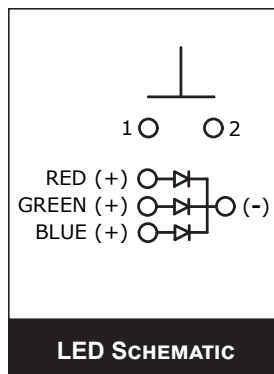
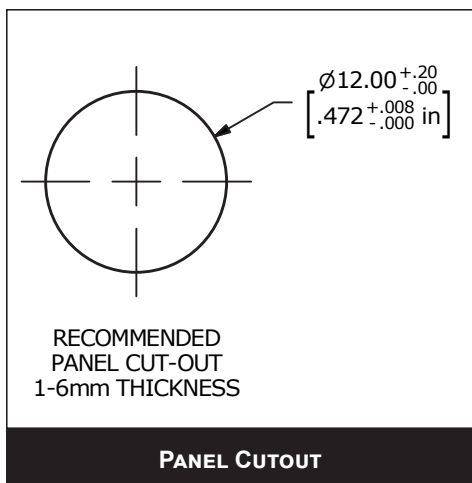
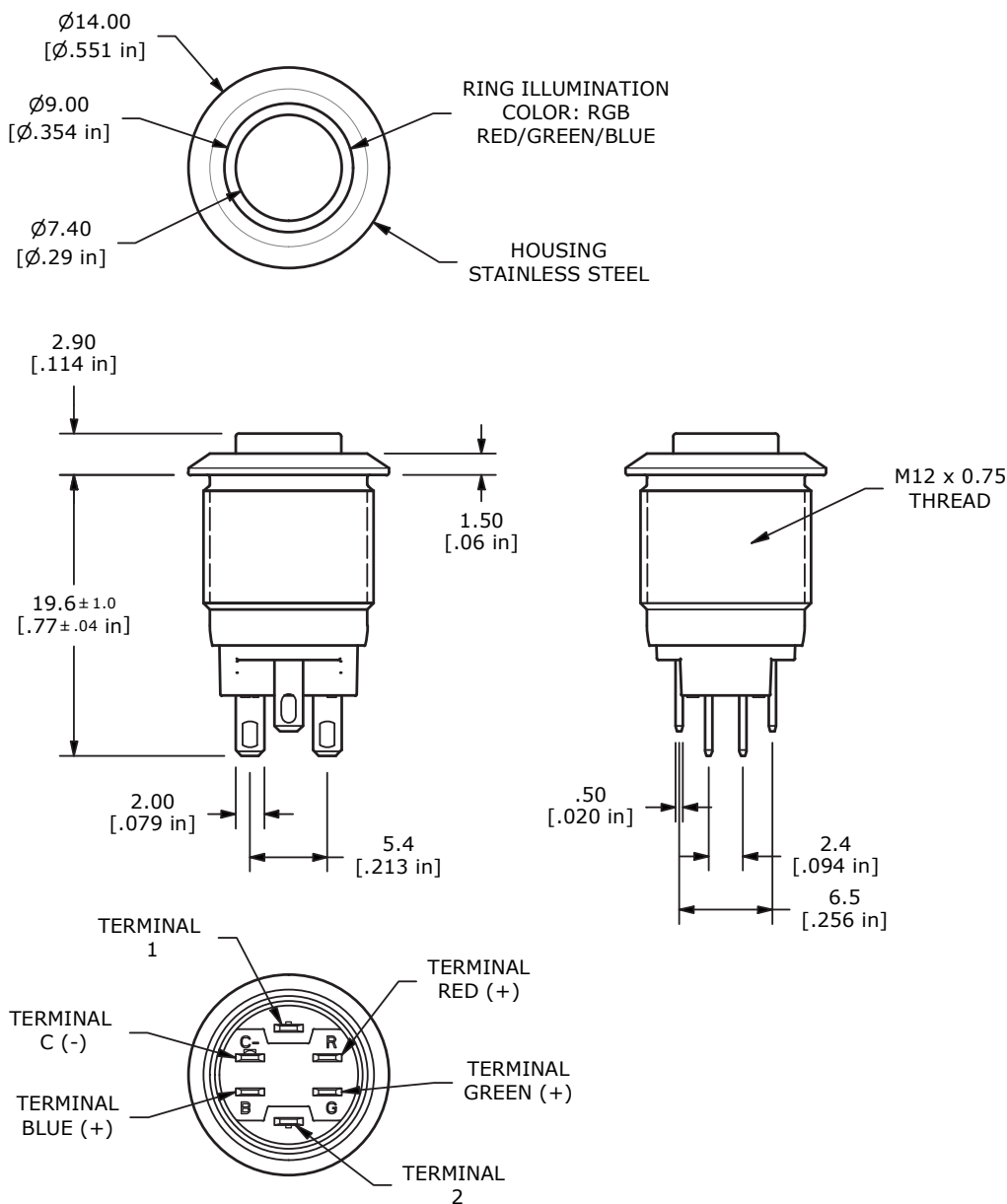
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RGB ILLUMINATION



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