

# PV4 SERIES ANTI-VANDAL SWITCH

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



## APPLICATIONS / MARKETS



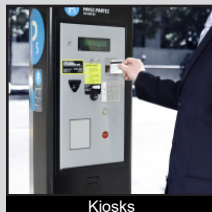
Audio / Visual



Security Devices



Industrial Controls



Kiosks



Electrical Housewares



Medical Equipment

**RoHS**

## SPECIFICATIONS

**Electrical Rating:** 2A, 24VDC  
**Electrical Life:** 50,000 Cycles  
**Contact Resistance:** 50mΩ Max.  
**Insulation Resistance:** 1000 MΩ Min.  
**Dielectric Strength:** 2,000VAC  
**Operating/Storage Temperature:** -20°C to 55°C  
**Travel:** 2.50mm  
**Moisture Protection:** IP65  
**Contact Arrangement:** SPDT, DPDT  
**Actuation Force:** 4 N  
**Panel Thickness:** 1-11mm  
**Mounting Nut Torque:** 5-14Nm

## FEATURES & BENEFITS

- 19mm diameter panel cutout
- RGB LED option
- Dot, ring or power symbol illumination available
- Multiple function options
- IP65 rated
- SPDT & DPDT
- Soldered wire leads (300mm long) optional

## 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	Graphic (Optional)
<input type="text" value="PV4"/>	<input type="text" value="F - Flat"/> <input type="text" value="H - High"/>	<input type="text" value="2 - Solder"/> <input type="text" value="6 - Screw*"/> <input type="text" value="W - Wire Leads"/> 300mm	<input type="text" value="3 - 1P On-On"/> <input type="text" value="B - 1P On-(On)"/> <input type="text" value="G - 2P On-On"/> <input type="text" value="H - 2P On-(On)"/> <input type="text" value="Y - Double break"/> 1P Off-(On) 1P On-(Off)	<input type="text" value="0 - 2A, 24VDC"/>	<input type="text" value="S - Stainless Steel"/> <input type="text" value="1 - Black Anodized"/>	<input type="text" value="S - Stainless Steel"/> <input type="text" value="1 - Black Anodized"/>	<input type="text" value="None - Silver"/> <input type="text" value="G - Gold"/>	<input type="text" value="NONE - Non-Illuminated"/> <input type="text" value="2 - Dot Illumination"/> <input type="text" value="3 - Ring Illumination"/>	<input type="text" value="NONE - Non-Illuminated"/> <input type="text" value="0 - White"/> <input type="text" value="1 - Red"/> <input type="text" value="2 - Orange"/> <input type="text" value="3 - Green"/> <input type="text" value="4 - Blue"/> <input type="text" value="5 - Yellow"/> <input type="text" value="F - Red/Orange"/> <input type="text" value="G - Red/Green"/> <input type="text" value="H - Red/Blue"/> <input type="text" value="J - Red/Yellow"/> <input type="text" value="K - Orange/Green"/> <input type="text" value="L - Orange/Blue"/> <input type="text" value="M - Orange/Yellow"/> <input type="text" value="R - RGB LED***"/>	<input type="text" value="NONE - Non-Illuminated"/> <input type="text" value="1 - Base Voltage"/> <input type="text" value="3 - 6V"/> <input type="text" value="4 - 12V"/> <input type="text" value="5 - 24V"/> <input type="text" value="6 - 125V"/> <input type="text" value="7 - 250V"/>	<input type="text" value="M01 - Power symbol laser etched"/> <input type="text" value="M26 - Power symbol illuminated**"/>

### NOTES:

( ) denotes function is momentary

\* Screw termination is available only with "Y" function option

\*\* Illuminated power symbol graphic is only available with ring Illumination

\*\*\* RGB is only for SPDT functions 3 and B

Specifications subject to change without notice 5.2.2019



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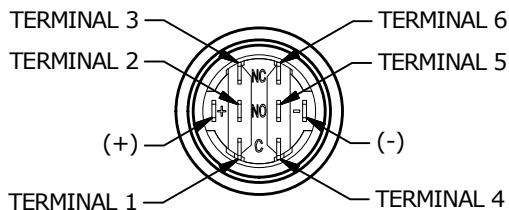
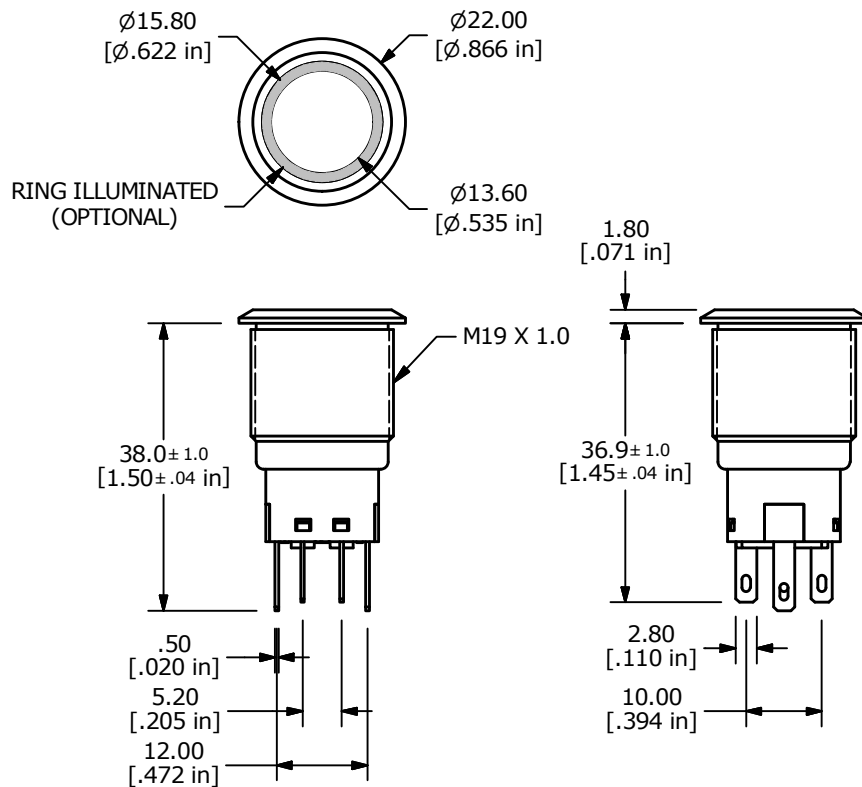
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# PV4 SERIES ANTI-VANDAL SWITCH

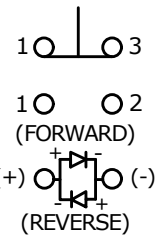
## STANDARD LED FUNCTIONS 3, B, G & H



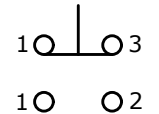
DPDT ILLUMINATED OPTION  
SHOWN LED (+) AND (-)  
TERMINALS ARE NOT  
INCLUDED ON THE  
NON-ILLUMINATED OPTION

TERMINALS 4,5 AND 6 ARE  
NOT ON THE SPDT VERSION

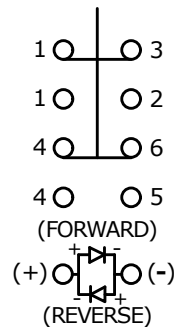
FUNCTIONS 3 & B ARE SPDT  
FUNCTIONS G & H ARE DPDT



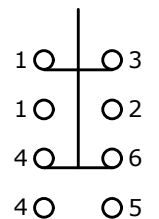
**SPDT LED SCHEMATIC**



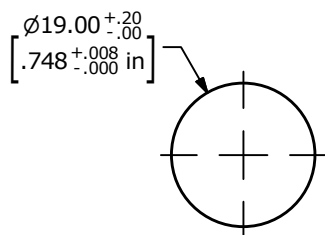
**SPDT Non ILL SCHEMATIC**



**DPDT LED SCHEMATIC**

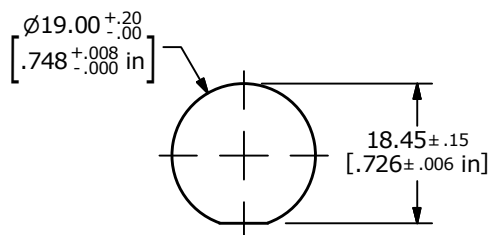


**DPDT Non ILL SCHEMATIC**



**RECOMMENDED PANEL CUTOUT**  
MAX. PANEL THICKNESS 11.0mm

**PANEL CUTOUT**



**RECOMMENDED "D" PANEL CUTOUT**  
MAX. PANEL THICKNESS 11.0mm  
"D" HOUSING TO BE USED WITH  
POWER SYMBOL OR CUSTOM GRAPHICS

**POWER SYMBOL PANEL CUTOUT**



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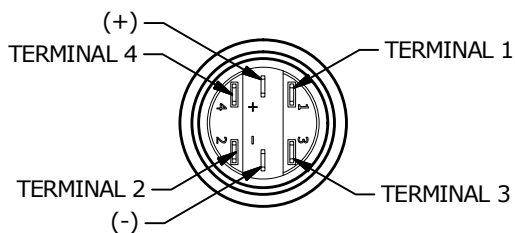
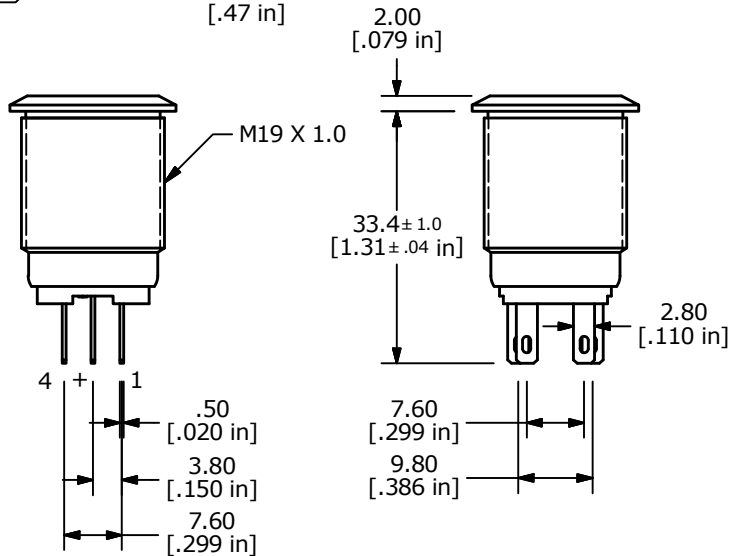
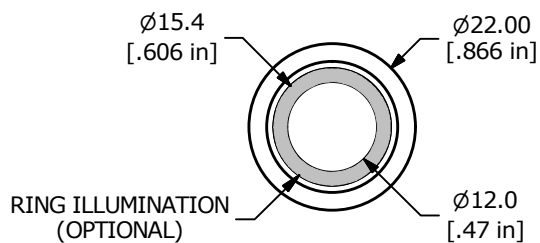
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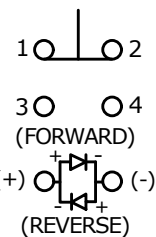
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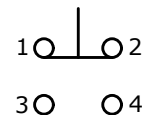
## Y FUNCTION W/ SOLDER TERMINALS



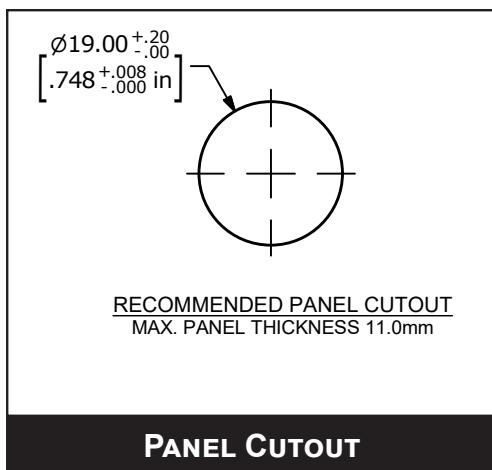
ILLUMINATED OPTION SHOWN LED  
 (+) AND (-) TERMINALS ARE NOT  
 ON THE NON-ILLUMINATED OPTION



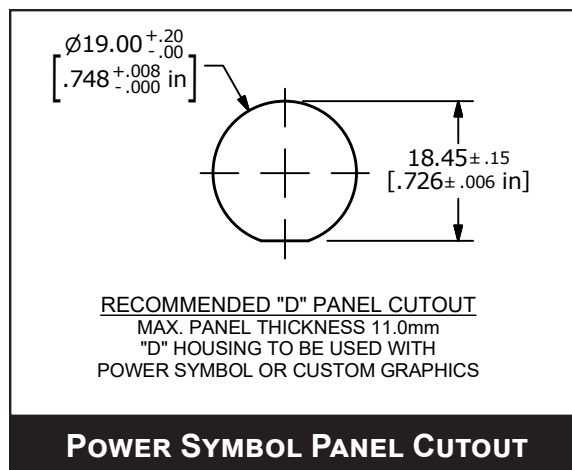
**SPDT LED SCHEMATIC**



**SPDT Non ILL SCHEMATIC**



**PANEL CUTOUT**

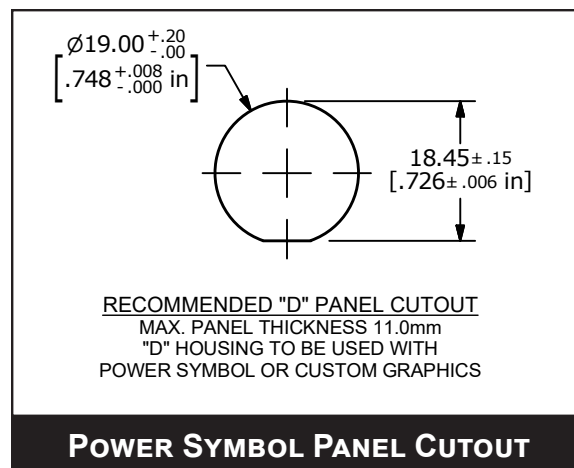
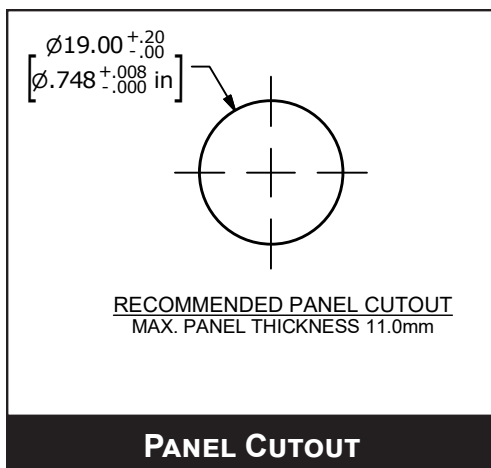
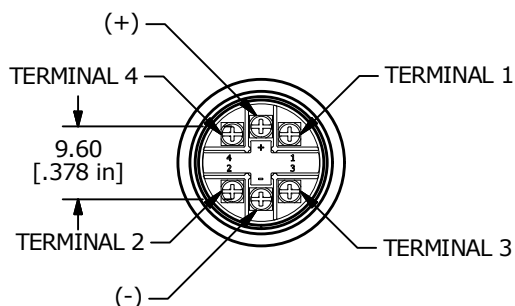
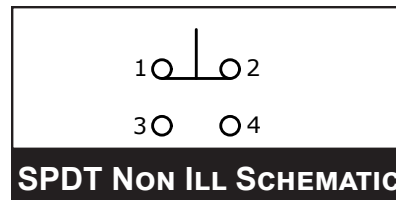
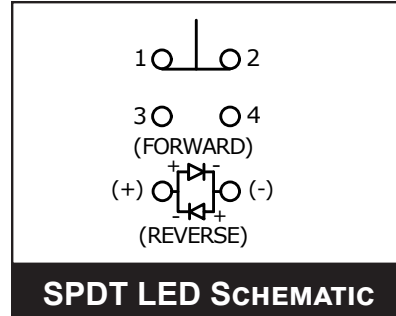
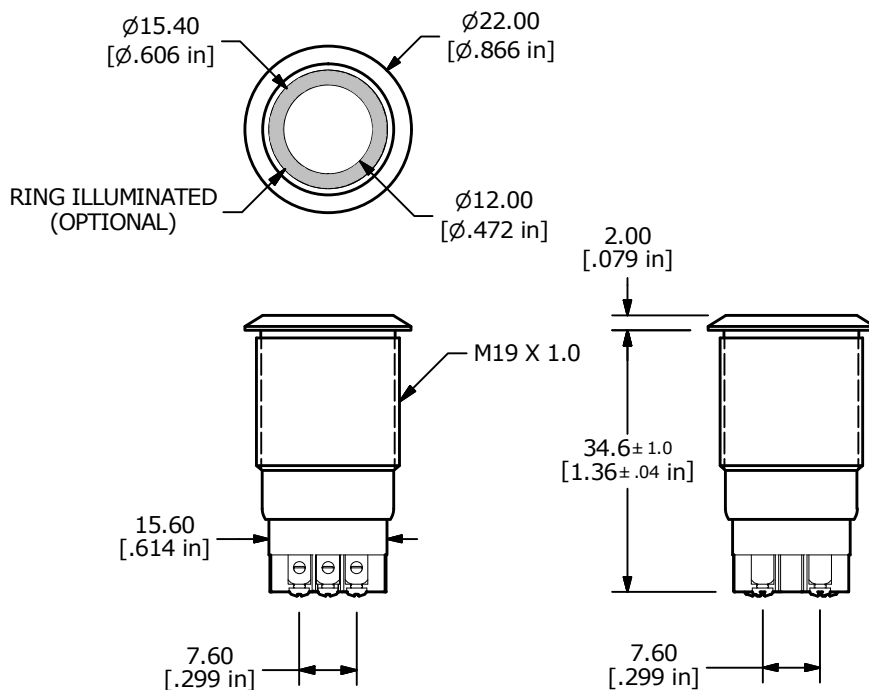


**POWER SYMBOL PANEL CUTOUT**



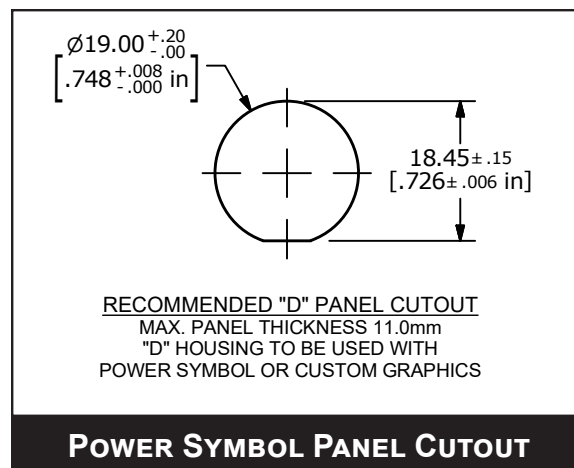
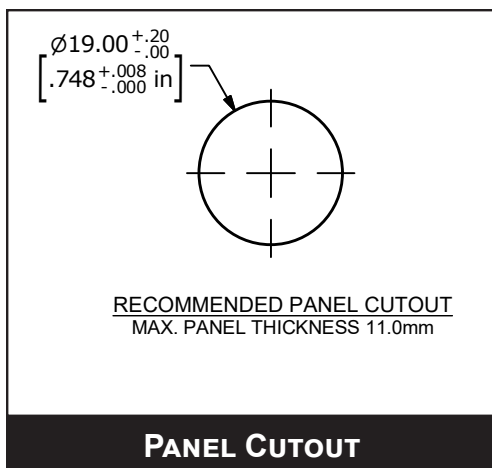
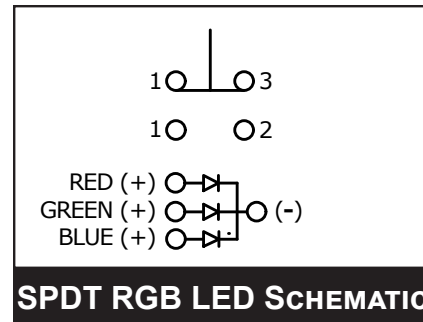
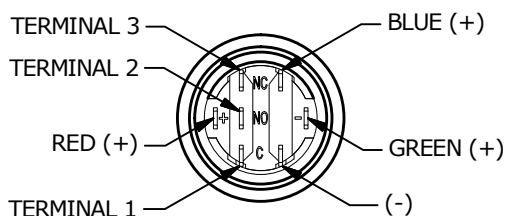
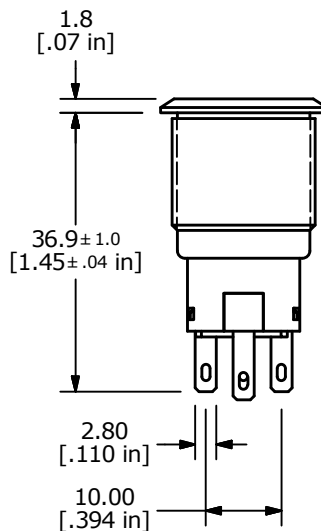
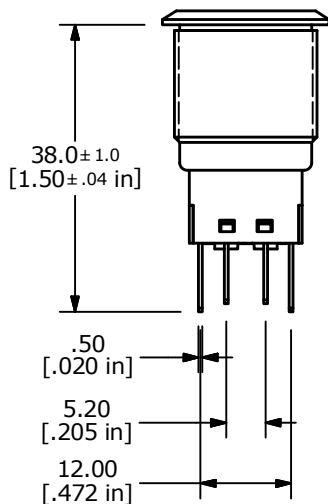
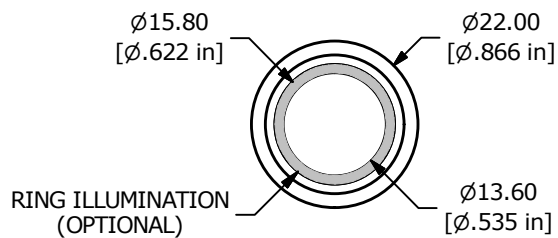
# PV4 SERIES ANTI-VANDAL SWITCH

## Y FUNCTION W/ SCREW TERMINALS



# PV4 SERIES ANTI-VANDAL SWITCH

## RGB LED ILLUMINATION FUNCTIONS 3 & B



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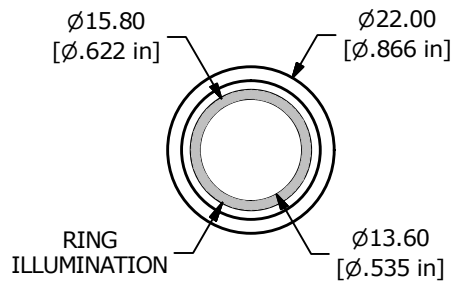
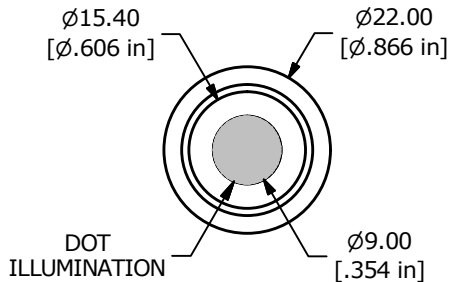
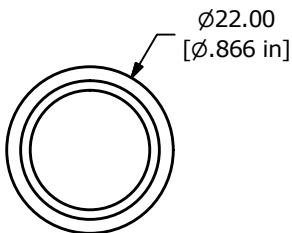
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# PV4 SERIES ANTI-VANDAL SWITCH

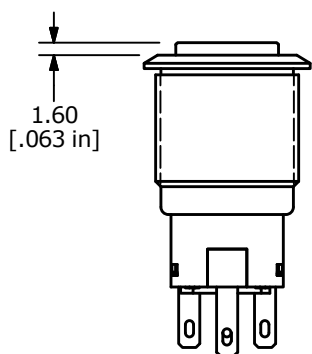
## ACTUATOR OPTIONS



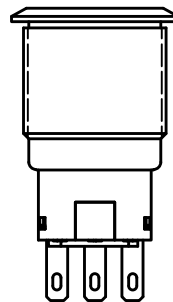
**FLAT NON-ILLUMINATED**

**FLAT DOT ILLUMINATED**

**FLAT RING ILLUMINATED**

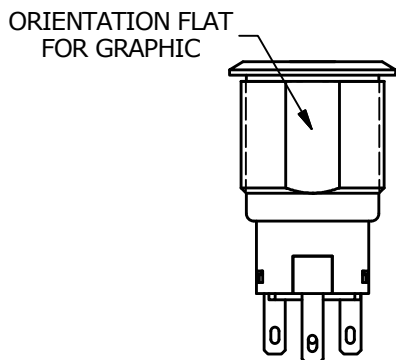
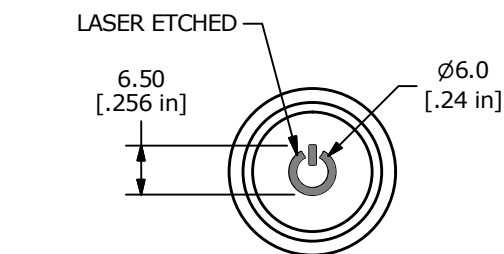


**HIGH ACTUATOR**

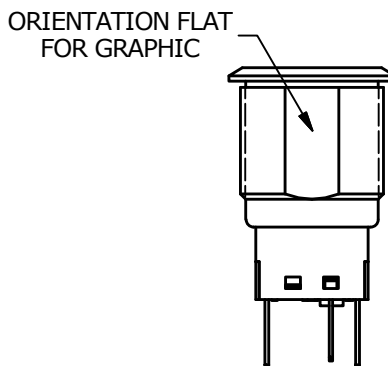
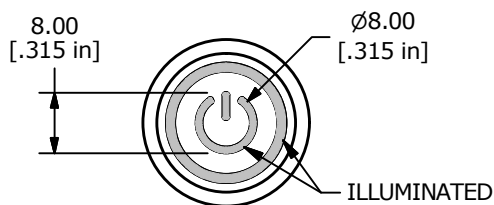


**FLAT ACTUATOR**

## GRAPHIC OPTIONS



**M01**



**M26**



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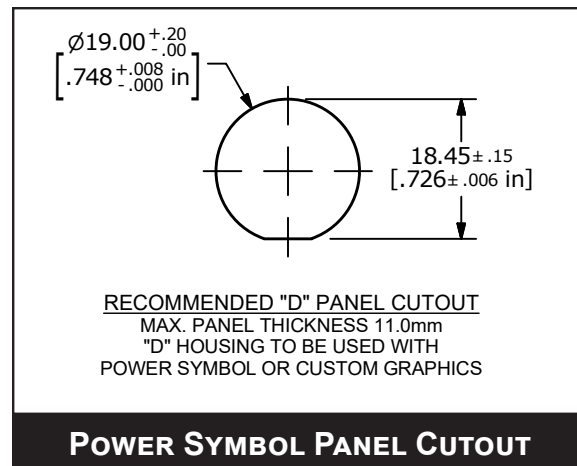
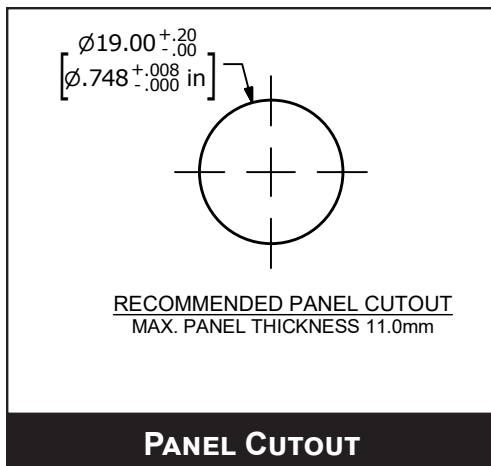
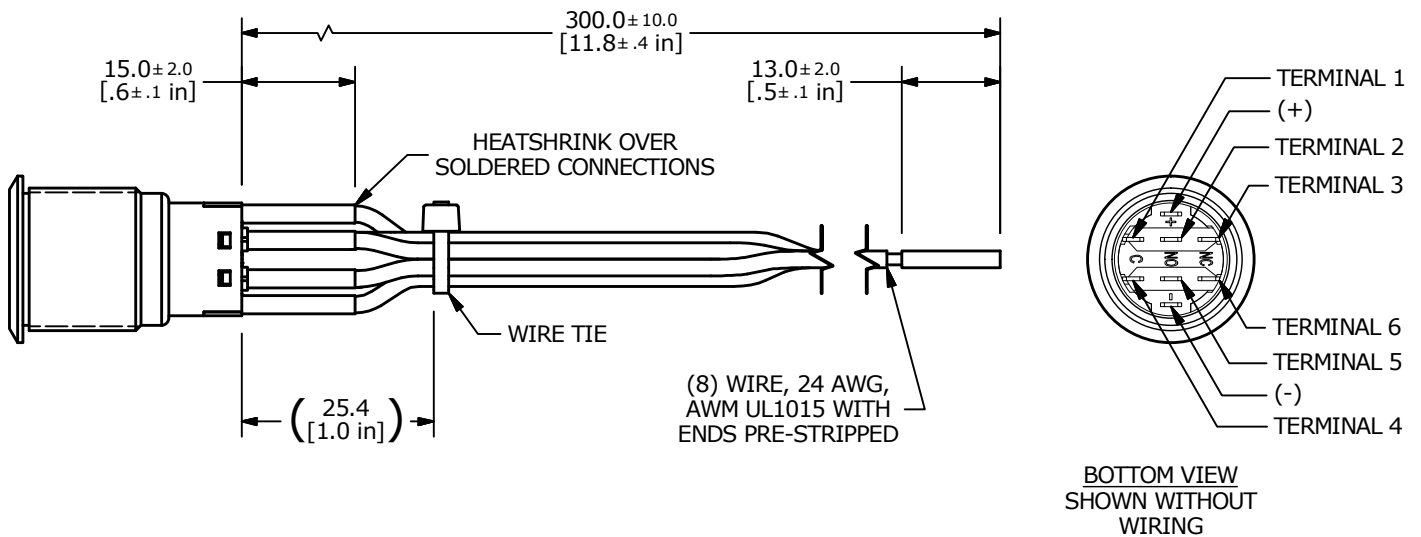
CAP  
OPTIONS

# PV4 SERIES ANTI-VANDAL SWITCH

## STANDARD LED WIRE LEAD

SWITCH	WIRE	LENGTH
SW1-1	WIRE, 24AWG AWM UL1015, YELLOW	300.0 [11.8 in]
SW1-2	WIRE, 24AWG AWM UL1015, BLUE	300.0 [11.8 in]
SW1-3	WIRE, 24AWG AWM UL1015, GREEN	300.0 [11.8 in]
SW1-4	WIRE, 24AWG AWM UL1015, PURPLE	300.0 [11.8 in]
SW1-5	WIRE, 24AWG AWM UL1015, ORANGE	300.0 [11.8 in]
SW1-6	WIRE, 24AWG AWM UL1015, WHITE	300.0 [11.8 in]
SW1- (+)	WIRE, 24AWG AWM UL1015, RED	300.0 [11.8 in]
SW1- (-)	WIRE, 24AWG AWM UL1015, BLACK	300.0 [11.8 in]

\*\* WIRE LEADS PROVIDED ARE DEPENDANT ON THE FUNCTION AND/OR ILLUMINATION SELECTED \*\*

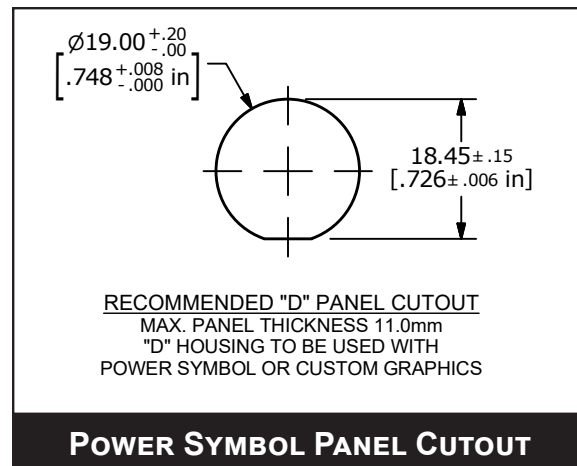
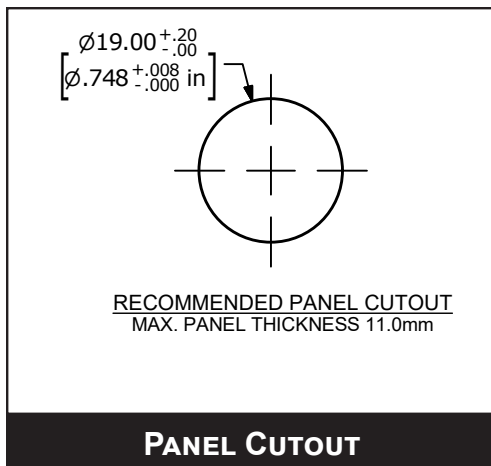
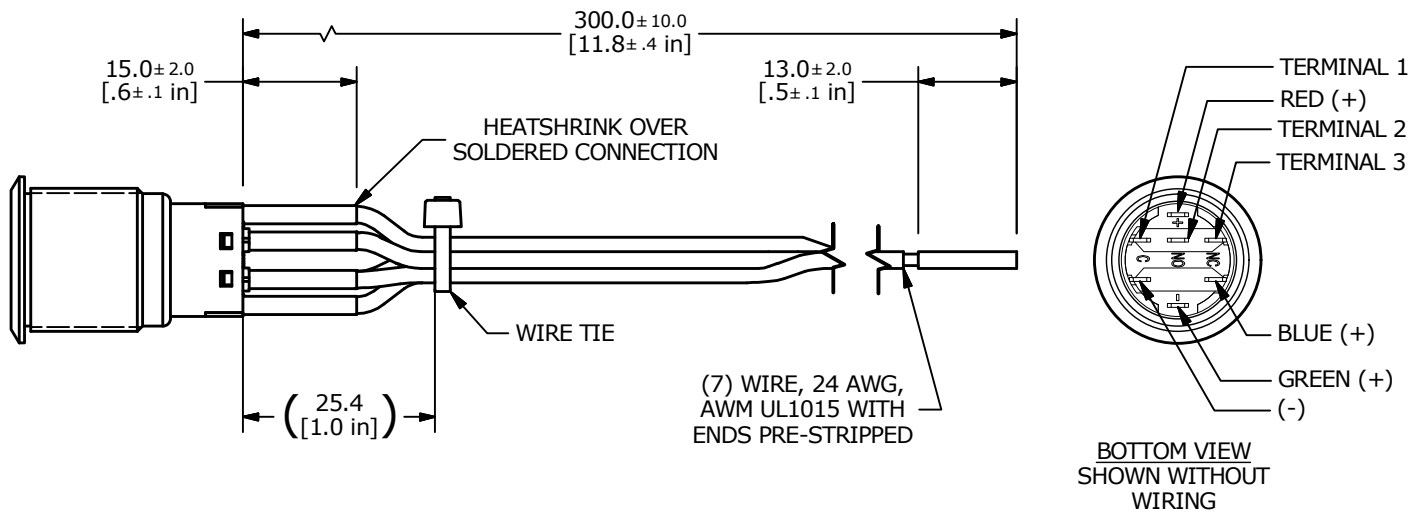


# PV4 SERIES ANTI-VANDAL SWITCH

## RGB LED WIRE LEAD

SWITCH	WIRE	LENGTH
SW1-1	WIRE, 24AWG AWM UL1015, ORANGE	300.0 [11.8 in]
SW1-2	WIRE, 24AWG AWM UL1015, WHITE	300.0 [11.8 in]
SW1-3	WIRE, 24AWG AWM UL1015, YELLOW	300.0 [11.8 in]
SW1-RED (+)	WIRE, 24AWG AWM UL1015, RED	300.0 [11.8 in]
SW1-GREEN (+)	WIRE, 24AWG AWM UL1015, GREEN	300.0 [11.8 in]
SW1-BLUE (+)	WIRE, 24AWG AWM UL1015, BLUE	300.0 [11.8 in]
SW1- (-)	WIRE, 24AWG AWM UL1015, BLACK	300.0 [11.8 in]

\*\* WIRE LEADS PROVIDED ARE DEPENDANT ON THE FUNCTION AND/OR ILLUMINATION SELECTED \*\*



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Authorized Distributor

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[PV4F2B011-333](#) [PV4F2B011-3R1-M26](#) [PV4F2B0SS-3K1](#) [PV4F2B0SS-3R3-M26](#) [PV4F2H0SSG-211](#) [PV4H2B0SS-](#)  
[235](#) [PV4H2B0SS-245](#) [PV4F2B0SSG-3R5](#) [PV4F2Y011-341-M26](#) [PV4F6Y011-333-M01](#) [PV4FWB011-3R1](#)  
[PV4FWB0SS-3R1](#) [PV4F230SS-3R1](#) [PV4F2B011G-3R1-M01](#) [PV4F2B0SS-3R1-M26](#) [PV4F2B0SSG-324](#)  
[PV4F2B0SSG-334](#) [PV4F2B0SSG-341-M26](#) [PV4F2B0SSG-344](#) [PV4F2B0SSG-354](#) [PV4F2G011-331](#) [PV4F2H0SS-](#)  
[345](#) [PV4F2Y01S-323](#) [PV4F6Y011-311](#) [PV4F6Y011-331](#) [PV4F6Y011-341](#) [PV4F2H011G](#) [PV4F2B0SS-333-M26](#)  
[PV4F2B0SS-343-M26](#) [PV4F2B0SSG-304](#) [PV4F2B011-341](#) [PV4F2B011-3R5](#) [PV4H2B0SS-305](#) [PV4H2B0SS-315](#)  
[PV4H2B0SS-325](#) [PV4H2B0SS-335](#) [PV4F2B0SSG-341](#) [PV4F2G011G-341-M01](#) [PV4F23011-304-M26](#) [PV4F23011-](#)  
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[326](#) [PV4F230SS-327](#) [PV4F230SS-341-M01](#) [PV4F230SS-M01](#) [PV4F230SS-3R5](#) [PV4F2B0SS-3R1](#) [PV4F230SS-](#)  
[314-M12](#) [PV4F230SS-3C1-M01](#) [PV4F2B011](#) [PV4F2B0SS](#) [PV4F2B0SS-331-M01](#) [PV4F2B0SS-334-M01](#)  
[PV4F2B0SS-3C1M01](#) [PV4F2B0SS-3G1](#) [PV4F2G0SS-304](#) [PV4F2G0SSG](#) [PV4F2Y0SS-3G4-M01](#) [PV4F2Y0SS-3G5-](#)  
[M01](#) [PV4F6Y011-215](#) [PV4F6Y011-315](#) [PV4H230SS-311](#) [PV4H2G0SS-334](#) [PV4F230SS-311](#) [PV4F230SS-311-M26](#)  
[PV4F230SS-347](#) [PV4F2B011-3G3](#) [PV4F2B0SS-301-M01](#) [PV4F2B0SS-314](#) [PV4F2H011-341-M01](#) [PV4F2H011G-](#)  
[341-M01](#) [PV4F2H01S-341-M01](#) [PV4F2Y0SS-351](#) [PV4F23011-3R1-M26](#) [PV4F2B011-3R1](#) [PV4F2B0SS-351-M01](#)  
[PV4F2Y0SS-305](#) [PV4FW3011-3R1](#) [PV4FWB011-3R5](#) [PV4FWB0SS-3R5-M26](#) [PV4FWB0SSG-3R1-M26](#)  
[PV4H2Y0SS](#) [PV4F2G0SSG-304-M20](#) [PV4F2H0SSG-324-M20](#) [PV4F2H0SSG-324-M24](#) [PV4F2Y0SSG-335](#)  
[PV4F6Y0SS-3G5](#) [PV4FWB0113G5](#) [PV4F2B011G-3R1](#) [PV4F2B0SS-311-PILOT](#)