

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

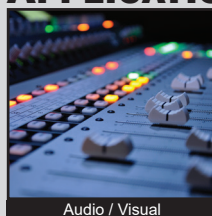
TACTILE
SWITCHES

TOGGLE
SWITCHES

CAP
OPTIONS



APPLICATIONS / MARKETS



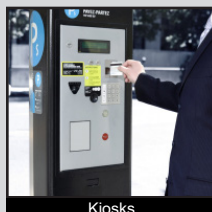
Audio / Visual



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



E-SWITCH®

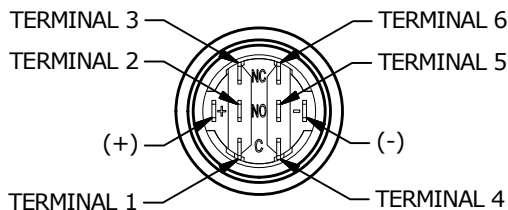
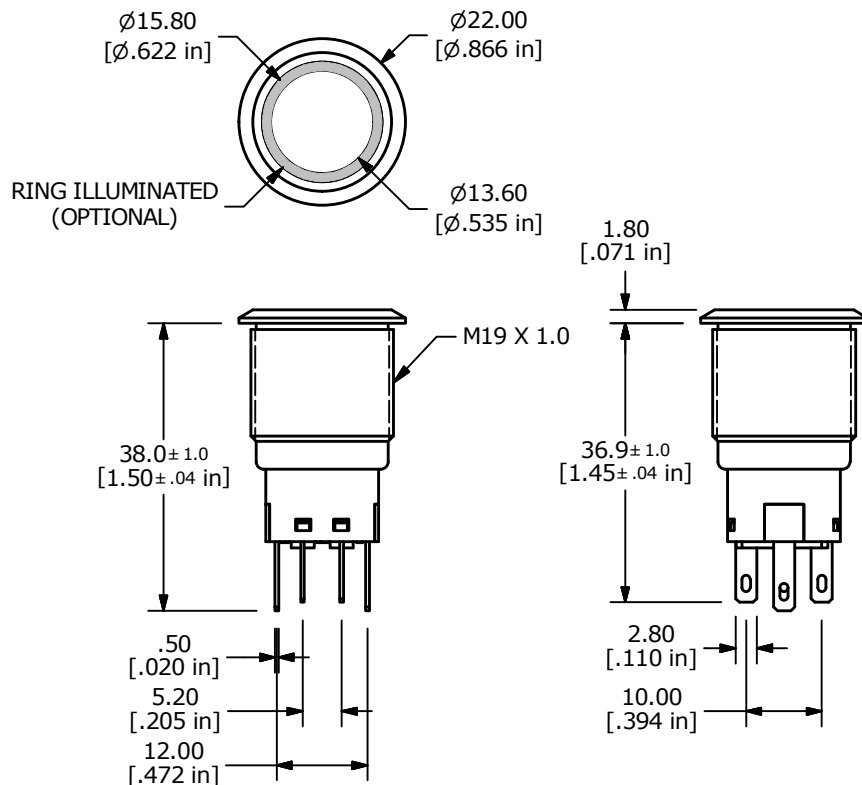
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PV4 SERIES ANTI-VANDAL SWITCH

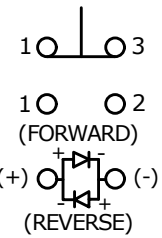
STANDARD LED FUNCTIONS 3, B, G & H



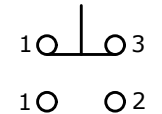
DPDT ILLUMINATED OPTION
SHOWN LED (+) AND (-)
TERMINALS ARE NOT
INCLUDED ON THE
NON-ILLUMINATED OPTION

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

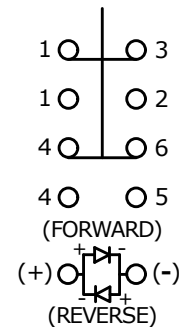
FUNCTIONS 3 & B ARE SPDT
FUNCTIONS G & H ARE DPDT



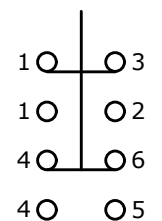
SPDT LED SCHEMATIC



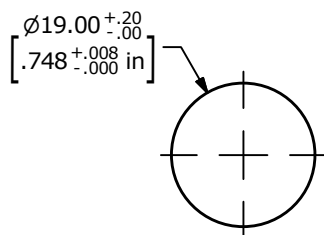
SPDT Non ILL SCHEMATIC



DPDT LED SCHEMATIC

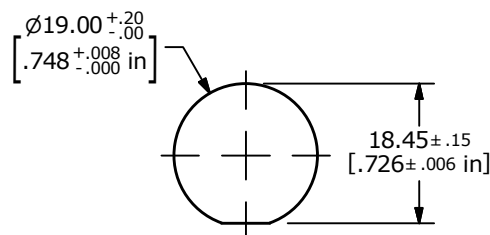


DPDT Non ILL SCHEMATIC



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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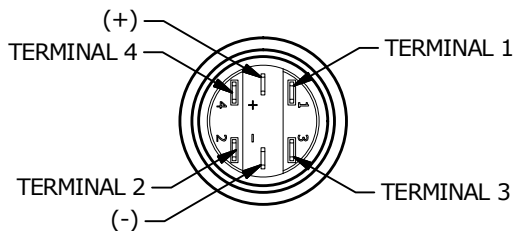
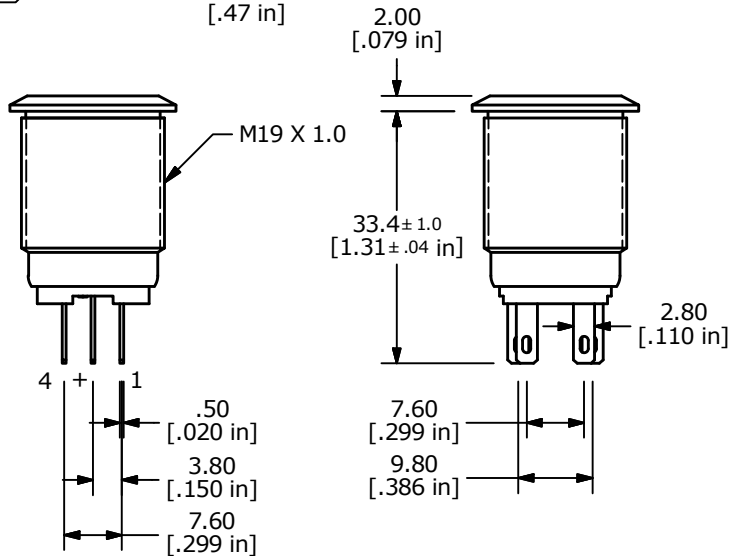
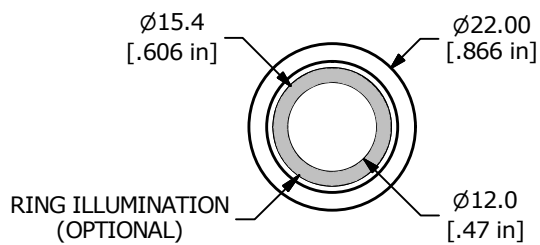
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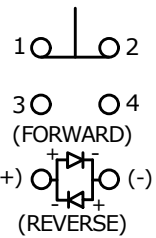
ANTI-VANDAL SWITCHES
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TOGGLE SWITCHES
CAP OPTIONS

PV4 SERIES ANTI-VANDAL SWITCH

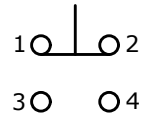
Y FUNCTION W/ SOLDER TERMINALS



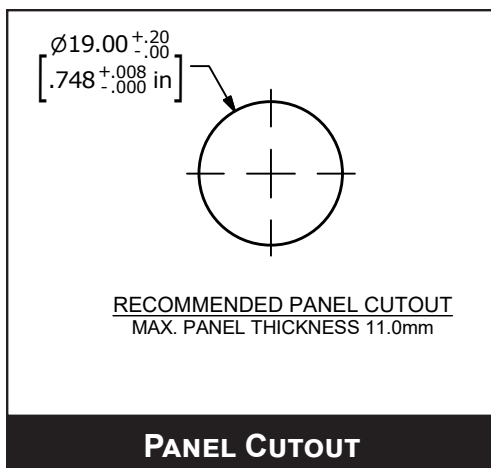
ILLUMINATED OPTION SHOWN LED
 (+) AND (-) TERMINALS ARE NOT
 ON THE NON-ILLUMINATED OPTION



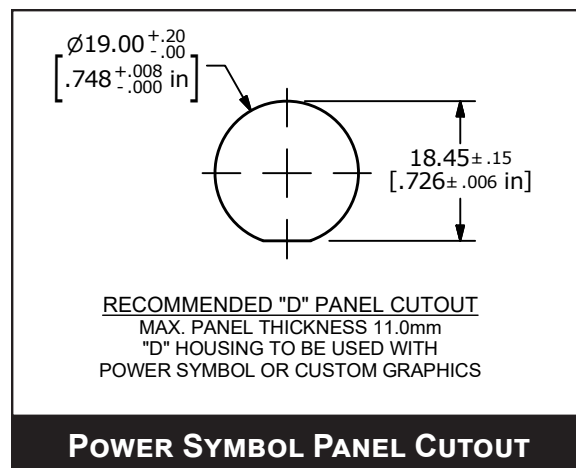
SPDT LED SCHEMATIC



SPDT Non ILL SCHEMATIC



PANEL CUTOUT

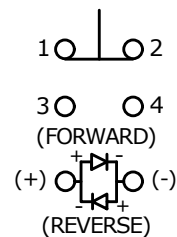
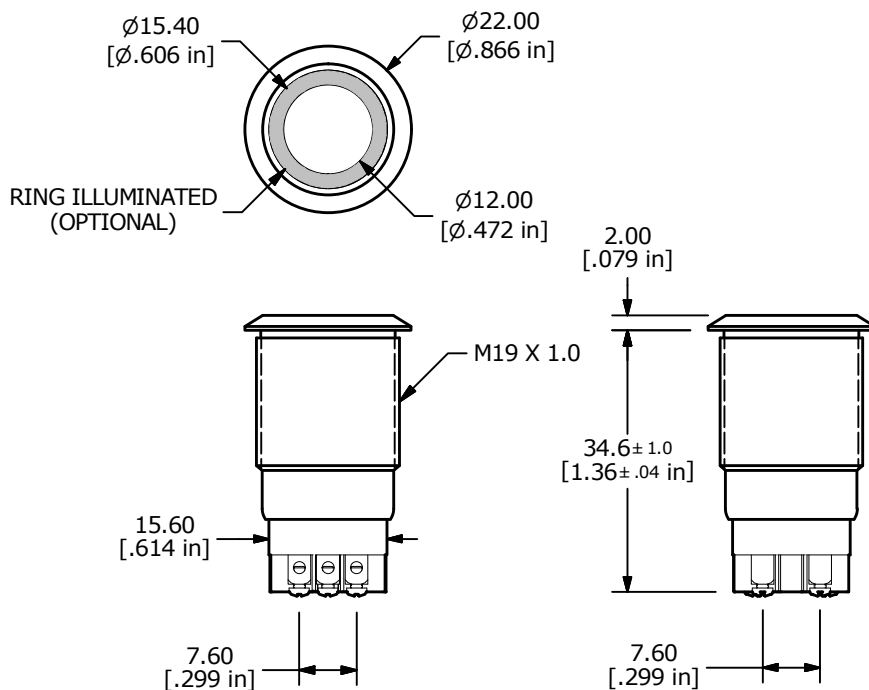


POWER SYMBOL PANEL CUTOUT

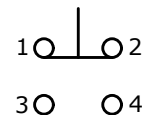


PV4 SERIES ANTI-VANDAL SWITCH

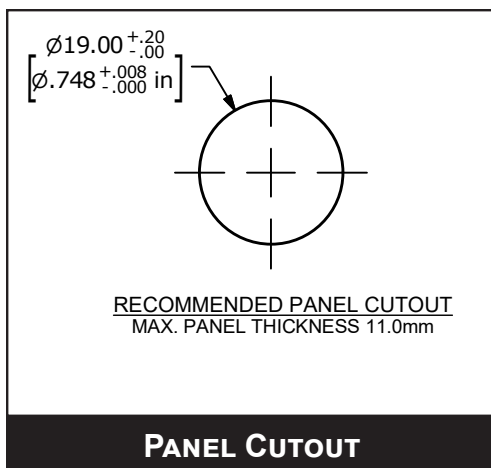
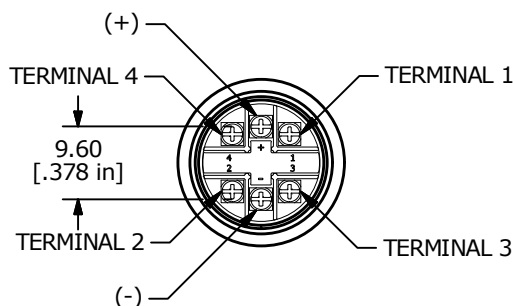
Y FUNCTION W/ SCREW TERMINALS



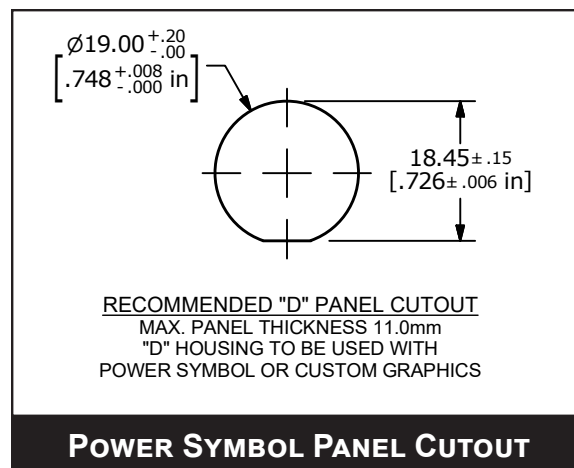
SPDT LED SCHEMATIC



SPDT Non ILL SCHEMATIC



PANEL CUTOUT

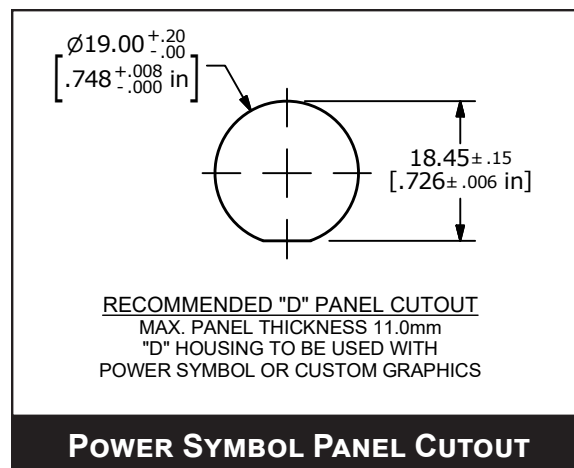
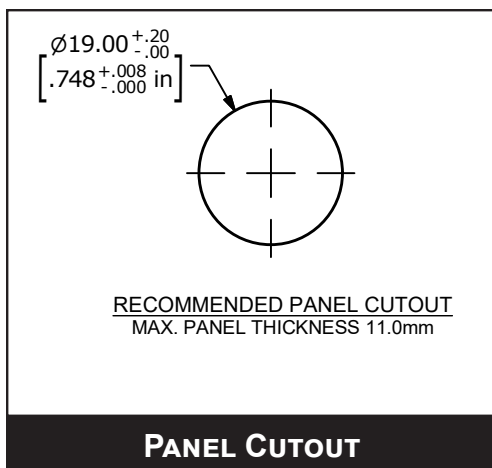
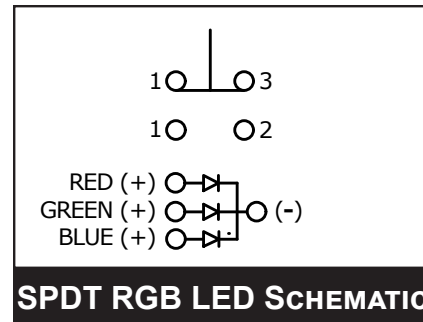
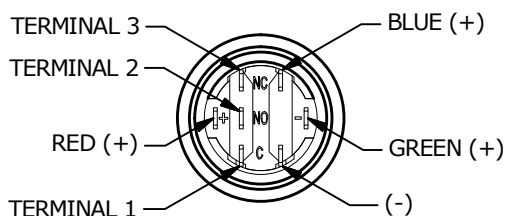
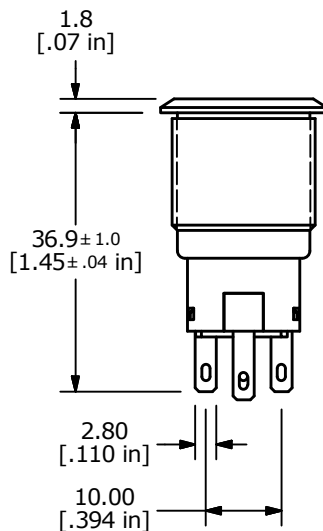
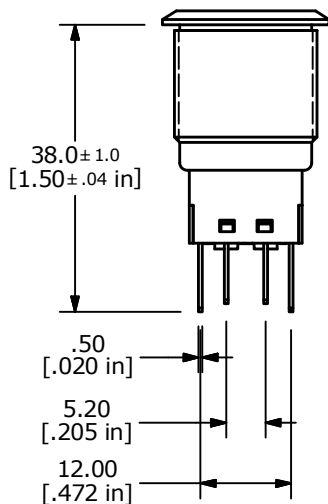
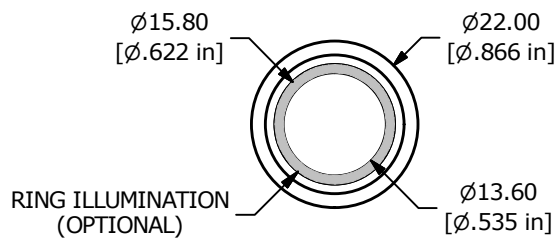


POWER SYMBOL PANEL CUTOUT



PV4 SERIES ANTI-VANDAL SWITCH

RGB LED ILLUMINATION FUNCTIONS 3 & B



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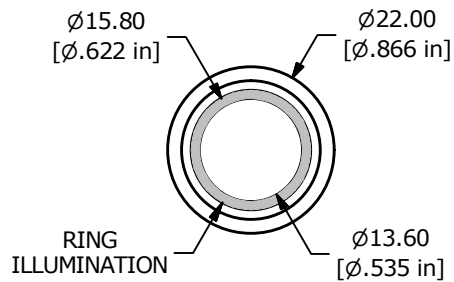
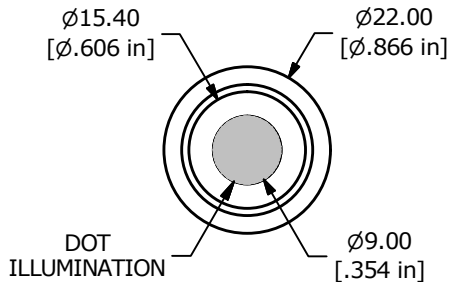
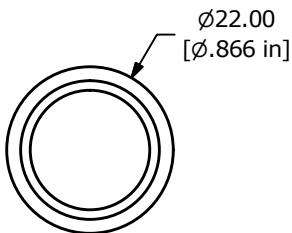
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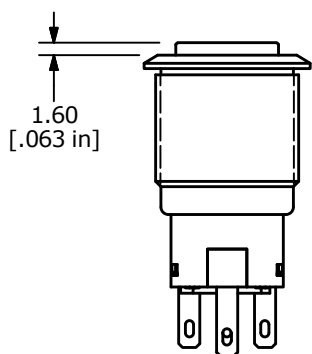
ACTUATOR OPTIONS



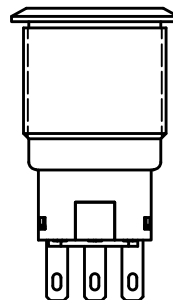
FLAT NON-ILLUMINATED

FLAT DOT ILLUMINATED

FLAT RING ILLUMINATED

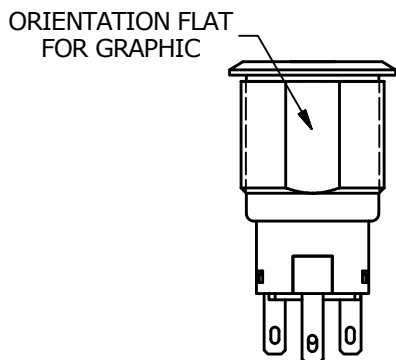
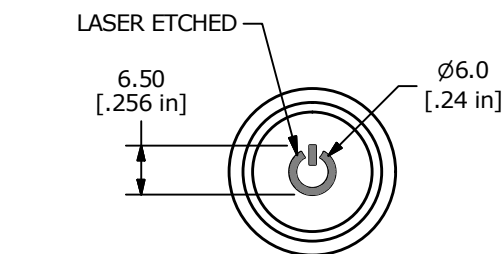


HIGH ACTUATOR

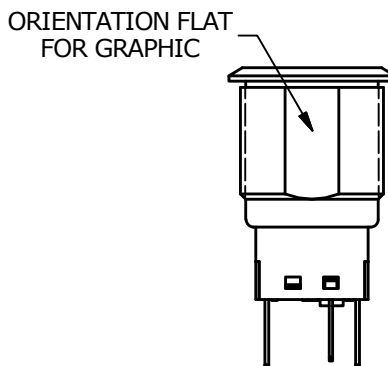
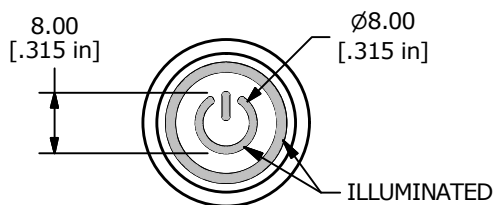


FLAT ACTUATOR

GRAPHIC OPTIONS



M01



M26



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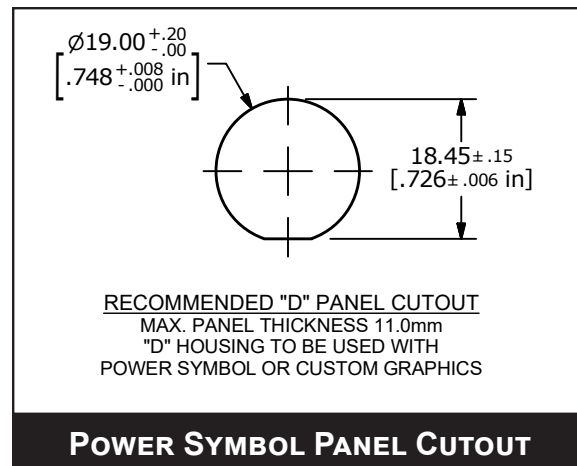
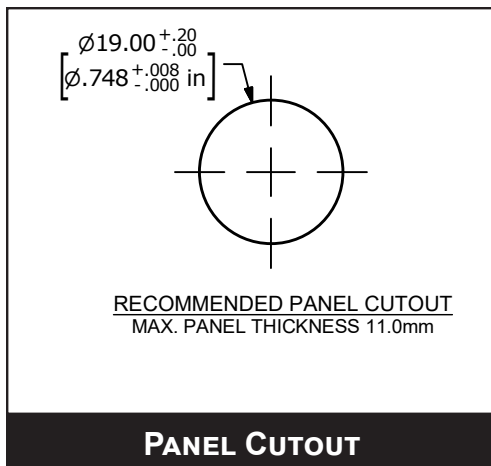
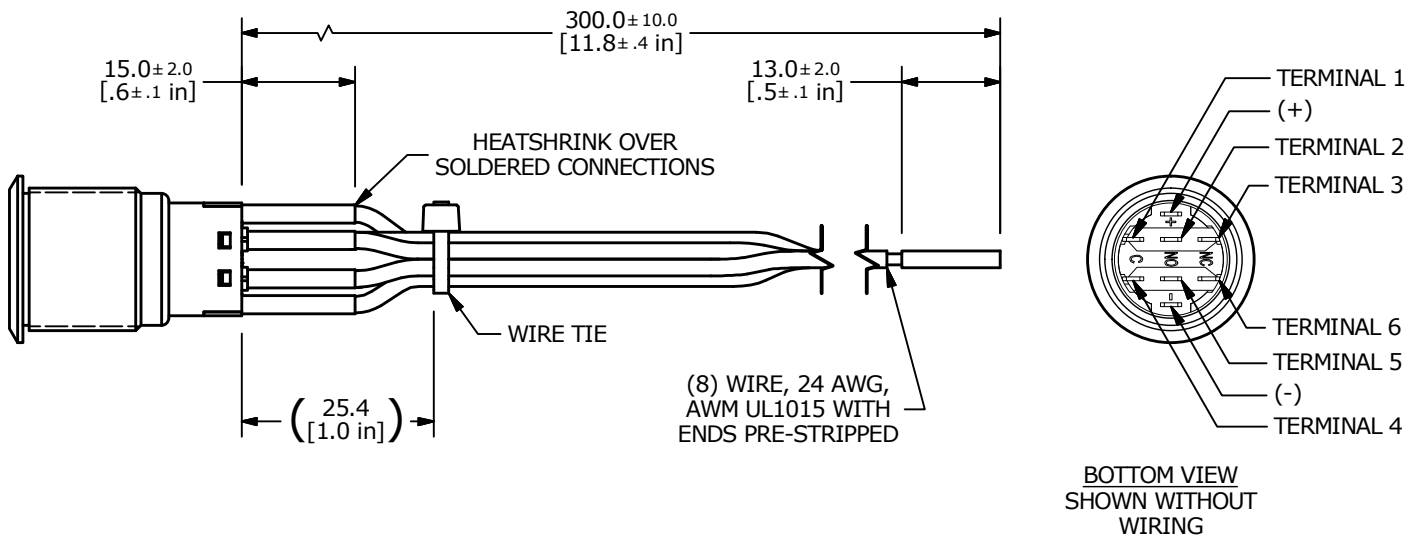
CAP
OPTIONS

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 **



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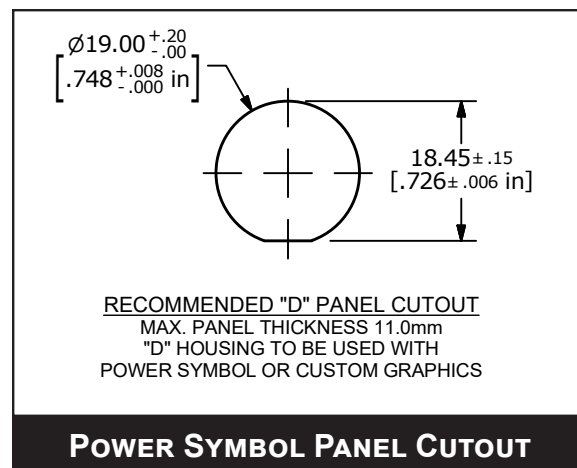
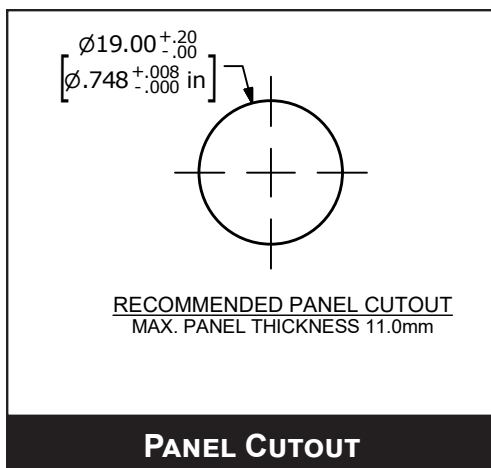
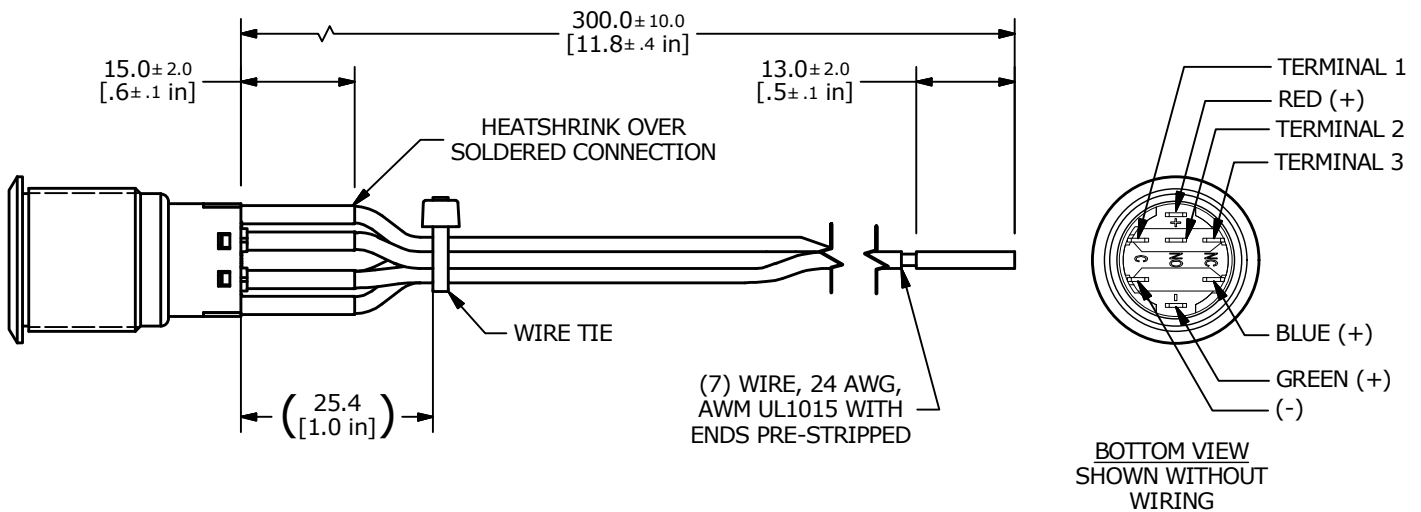
7

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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[PV4F2B0SS-3R5](#)