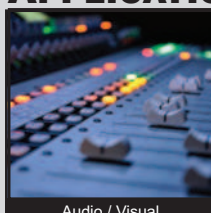


PV3 SERIES ANTI-VANDAL SWITCH



APPLICATIONS / MARKETS



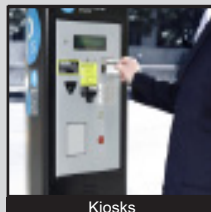
Audio / Visual



Security Devices



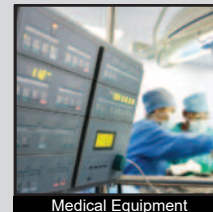
Industrial Controls



Kiosks



Electrical Housewares



Medical Equipment

SPECIFICATIONS

Electrical Rating: 2A, 48VDC
Mechanical Life: 200,000 Cycles
Electrical Life: 50,000 Cycles
Contact Resistance: 50mΩ Max.
Insulation Resistance: 1000MΩ Max.
Operating/Storage Temperature: -20°C to 55°C
Travel: 2.80mm
Moisture Protection: IP40 (PV3,PV3S) & IP67 (PV3W, PV3SW)
Contact Arrangement: SPDT & DPDT
Actuation Force: 4 N
Panel Thickness: 1-8mm
Mounting Nut Torque: 0.6Nm

FEATURES & BENEFITS

- 16mm diameter panel cutout
- Dot and ring illumination options
- Multiple actuator options
- Non-sealed and seal option configurable
- 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	Lens Color Options	Illumination Voltage Options
PV3 - Non Water-Resistant Version: Long Body PV3S - Non Water-Resistant Version: Short Body <i>Non-Illuminated only</i> PV3W - Water-Resistant Version: Long Body PV3SW - Water-Resistant Version: Short Body <i>Non-Illuminated only</i>	F - Flat H - High G - Guarded Concave	2 - Solder Leads W - Wire 300mm	B - 1 Pole On - (On)* H - 2 Pole On - (On)*	0 - 2A, 48VDC	1 - Black Anodized N - Nickel B - Brushed Stainless S - Polished Stainless	0 - Clear/Aluminum 1 - Black Anodized 7 - Blue 8 - Green 9 - Red N - Nickel B - Brushed Stainless S - Polished Stainless	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	NONE - Non-Illuminated 1 - Base Voltage [†] 3 - 6V 4 - 12V 5 - 24V 6 - 125V

NOTES:

* () denotes function is momentary

[†]Base voltage for LED colors red, yellow, and orange is 1.8V @ 20mA

[‡]Base voltage for LED colors blue, green and white is 2.8V @ 20mA

Specifications subject to change without notice 9.1.2022



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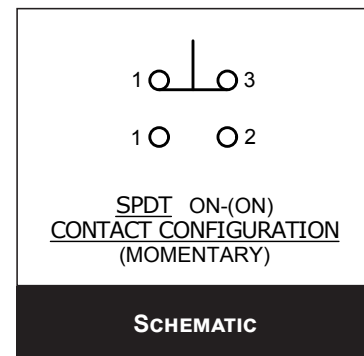
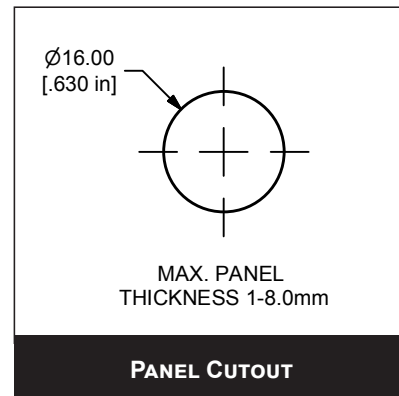
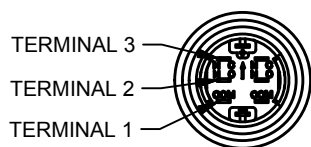
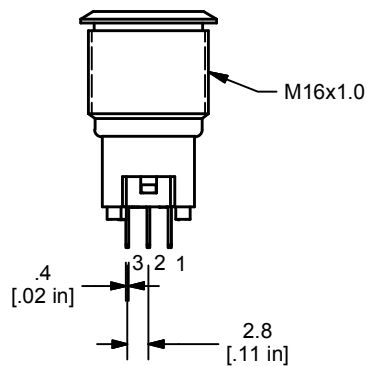
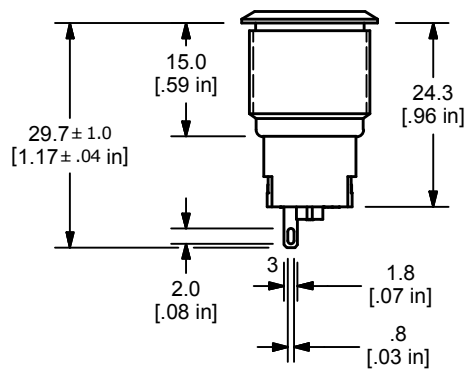
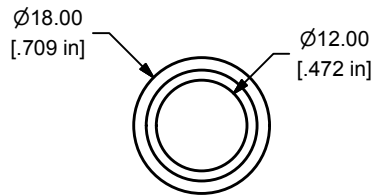
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1

PV3 SERIES ANTI-VANDAL SWITCH

BODY DIMENSIONS



SHORT BODY



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SWITCHES

DETECTOR
SWITCHES

DIP
SWITCHES

KEYLOCK
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

ROCKER
SWITCHES

ROTARY
SWITCHES

SLIDE
SWITCHES

SNAP ACTION
SWITCHES

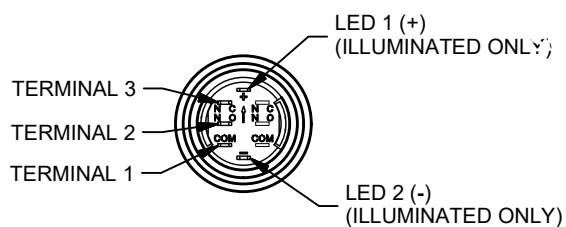
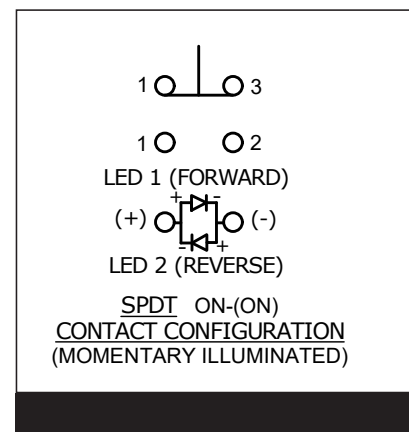
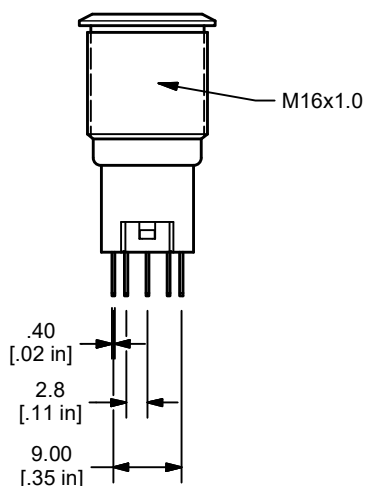
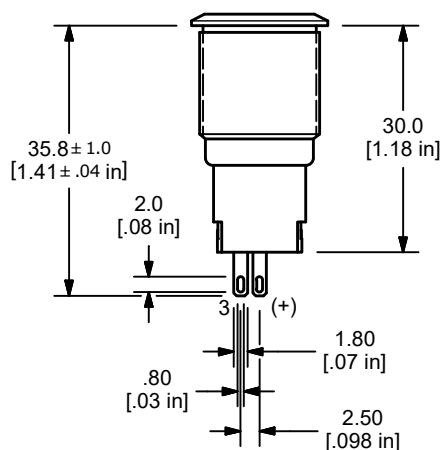
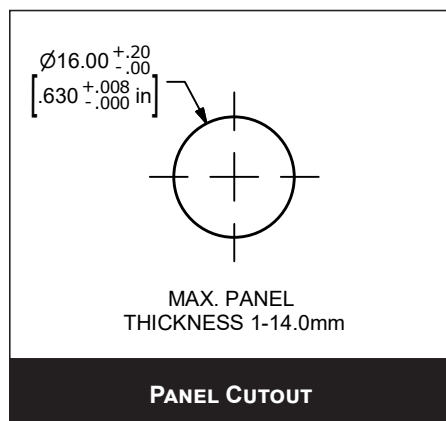
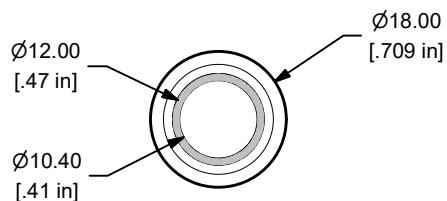
TACTILE
SWITCHES

TOGGLE
SWITCHES

CAP
OPTIONS

PV3 SERIES ANTI-VANDAL SWITCH

BODY DIMENSIONS



LONG BODY



E-SWITCH®

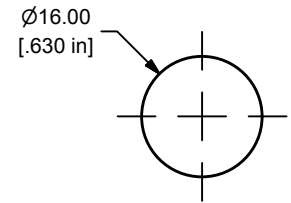
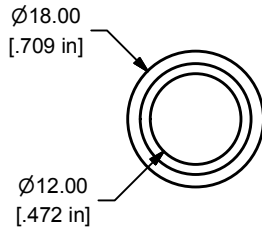
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3

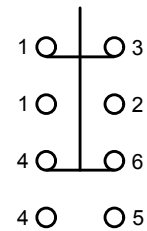
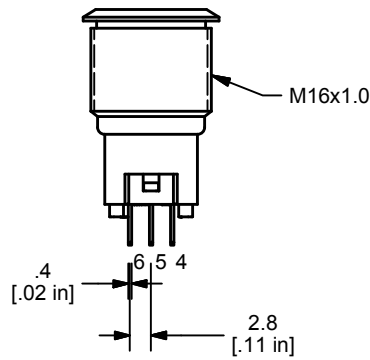
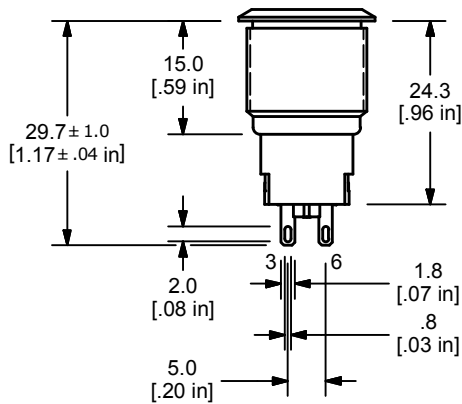
PV3 SERIES ANTI-VANDAL SWITCH

BODY DIMENSIONS



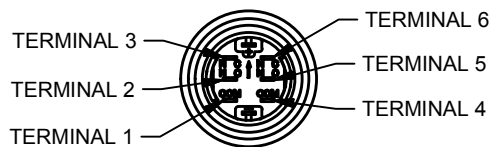
MAX. PANEL
THICKNESS 1-8.0mm

PANEL CUTOUT



DPDT ON-(ON)
CONTACT CONFIGURATION

SCHEMATIC



SHORT BODY



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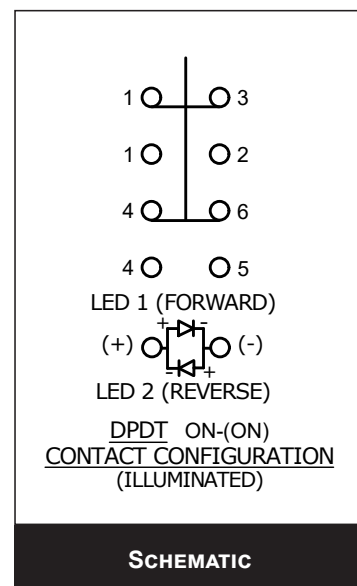
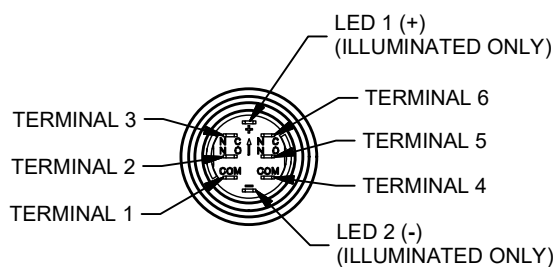
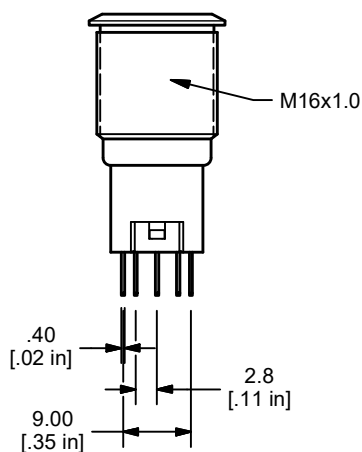
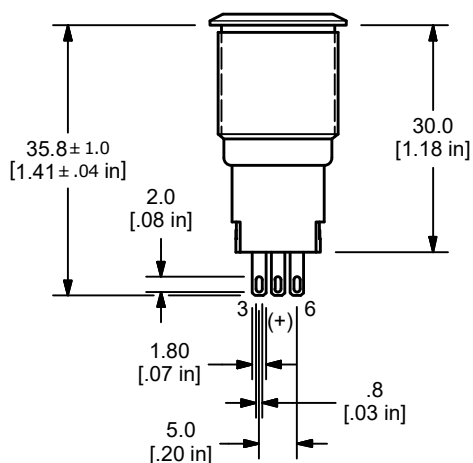
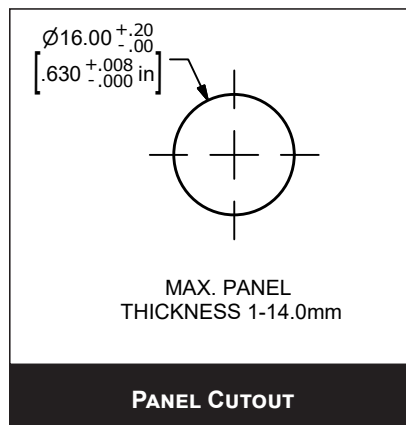
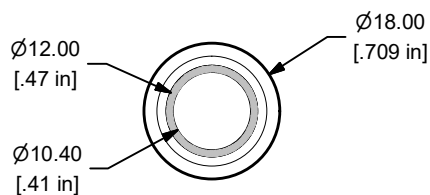
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4

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KEYLOCK
SWITCHES
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SWITCHES
TACTILE
SWITCHES
TOGGLE
SWITCHES
CAP
OPTIONS

PV3 SERIES ANTI-VANDAL SWITCH

BODY DIMENSIONS



LONG BODY



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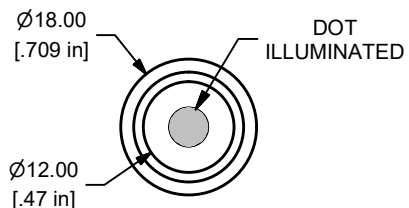
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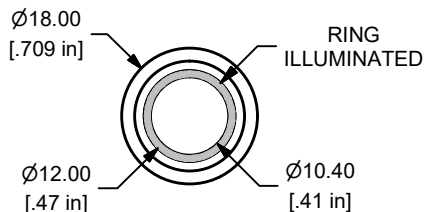
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PV3 SERIES ANTI-VANDAL SWITCH

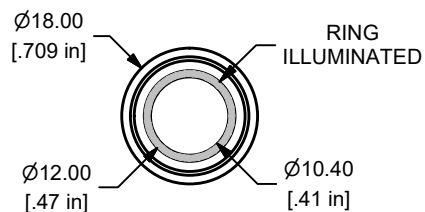
ILLUMINATION OPTIONS



DOT ILLUMINATED

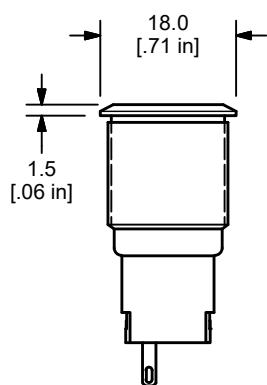
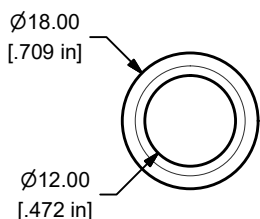


RING ILLUMINATED

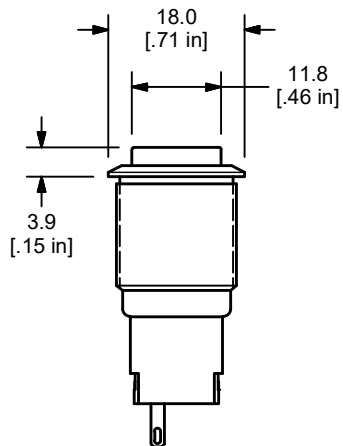
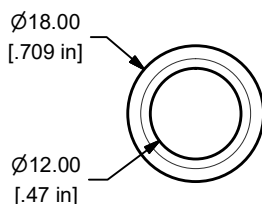


**RING ILLUMINATED
WITH GUARDED CONCAVE ACTUATOR**

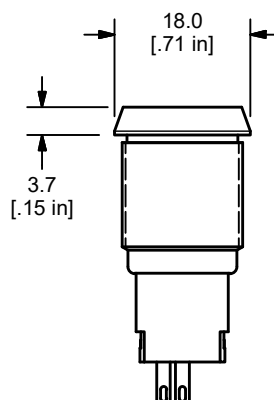
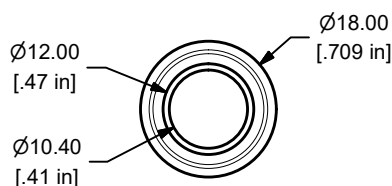
ACTUATOR OPTIONS



FLAT ACTUATOR



HIGH ACTUATOR



GUARDED CONCAVE



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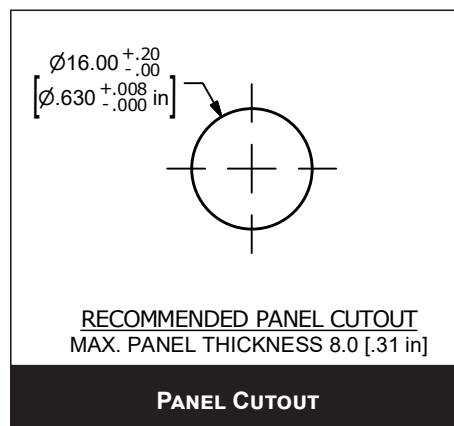
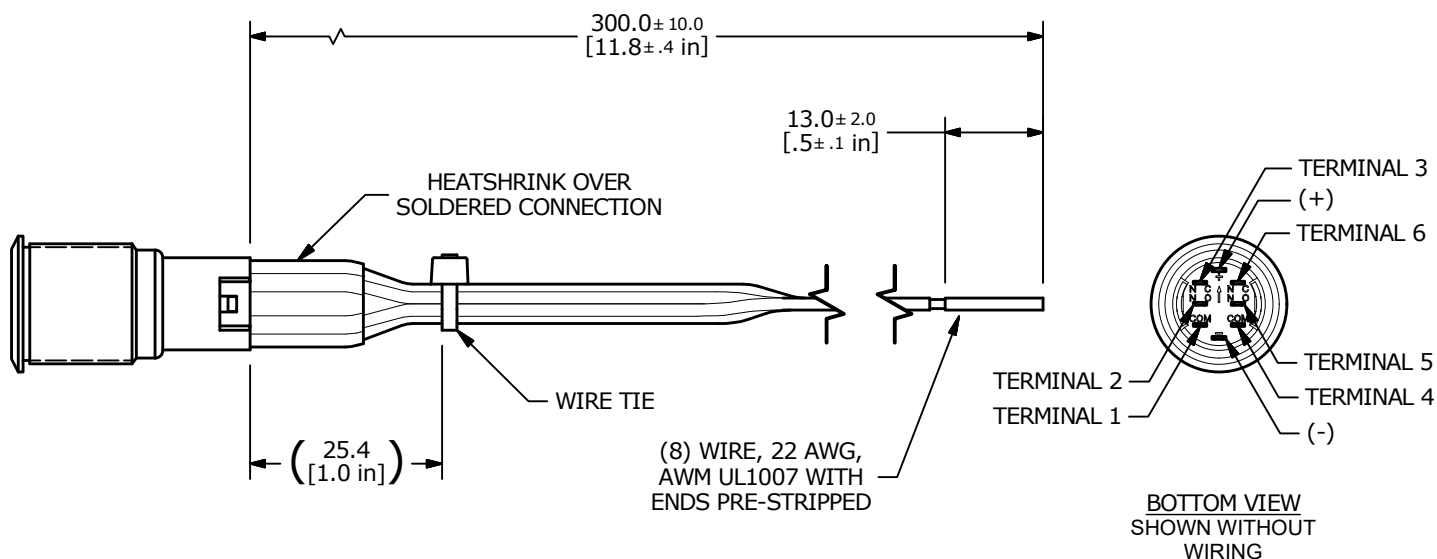
CAP
OPTIONS

PV3 SERIES ANTI-VANDAL SWITCH

STANDARD LED WIRE LEAD

SWITCH	WIRE	LENGTH
SW1-1	WIRE, 22AWG AWM UL1007, YELLOW	300.0 [11.8 in]
SW1-2	WIRE, 22AWG AWM UL1007, BLUE	300.0 [11.8 in]
SW1-3	WIRE, 22AWG AWM UL1007, GREEN	300.0 [11.8 in]
SW1-4	WIRE, 22AWG AWM UL1007, PURPLE	300.0 [11.8 in]
SW1-5	WIRE, 22AWG AWM UL1007, ORANGE	300.0 [11.8 in]
SW1-6	WIRE, 22AWG AWM UL1007, WHITE	300.0 [11.8 in]
SW1- (+)	WIRE, 22AWG AWM UL1007, RED	300.0 [11.8 in]
SW1- (-)	WIRE, 22AWG AWM UL1007, BLACK	300.0 [11.8 in]

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



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