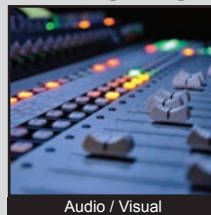


PV6 SERIES ANTI-VANDAL SWITCH

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



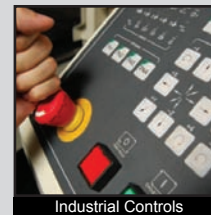
APPLICATIONS / MARKETS



Audio / Visual



Security Devices



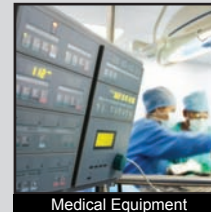
Industrial Controls



Kiosks



Electrical Housewares



Medical Equipment

RoHS

SPECIFICATIONS

Electrical Rating: 2A, 48VDC
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: -20°C to 55°C
Travel: 1.50mm
Moisture Protection: IP65
Contact Arrangement: SPST Off-(On)
Actuation Force: 400 gf
Panel Thickness: 1-10mm
Mounting Nut Torque: 5-14Nm

FEATURES & BENEFITS

- 16mm diameter panel cutout
- Dot or ring illumination options available
- Multiple actuator options
- Pilot indicator option
- IP65 rated, Off-(On), SPST

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
PV6	F - Flat H - High	2 - Solder	4 - Off - (On)* P - Pilot Indicator**	0 - 2A, 48VDC X - Pilot Indicator	N - Nickel Plated S - Stainless Steel 1 - Black Anodized	N - Nickel Plated 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	NONE - Non-Illuminated 1 - Base Voltage†

NOTES:
 *(On) denotes function is momentary
 **Pilot indicator does not have internal switch contacts, only illumination
 †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



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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
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Technical drawing of the M16 x 1.0 Thread Switch, showing top and side views with dimensions in inches and millimeters.

Top View Dimensions:

- Outer Diameter: $\varnothing 18.00$ [.709 in]
- Inner Diameter: $\varnothing 11.80$ [.465 in]
- Feature: SHOWN WITH OPTIONAL DOT ILLUMINATION

Side View Dimensions (Left):

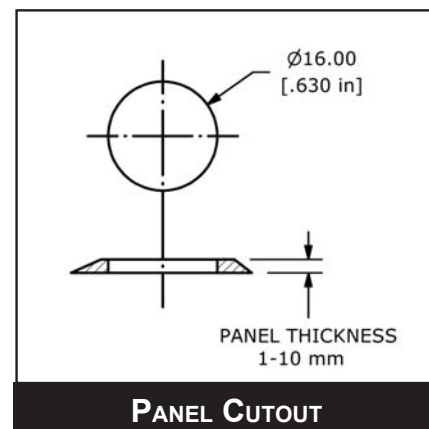
- Top Flange Thickness: 1.50 [.059 in]
- Body Height: 16.50 [.650 in]
- Total Height: 20.0 [.787 in]
- Terminal Spacing: 2.00 [.079 in]
- Terminal Mounting Height: 8.40 [.331 in]

Side View Dimensions (Right):

- Thread Length: 13.3 [.522 in]
- Thread Diameter: 1.88 [.074 in]
- Terminal Spacing: .84 [.033 in]
- Terminal Mounting Height: .50 [.020 in]
- Terminal Mounting Height: 9.80 [.386 in]

Terminal and Thread Details:

- Thread: M16 x 1.0 THREAD
- Terminals: "+" and "-" TERMINALS ONLY ON ILLUMINATED SWITCHES



Technical drawing of a ring with the following dimensions:

- Outer diameter: $\varnothing 18.00$ [.709 in]
- Inner diameter: $\varnothing 11.80$ [.465 in]

Technical drawing of the front view of a ring. The drawing shows a circular component with concentric circles. The outermost circle is labeled with a diameter of $\varnothing 18.00$ [0.709 in]. The innermost circle is labeled with a diameter of $\varnothing 9.20$ [0.362 in]. A middle ring is labeled with a diameter of $\varnothing 11.90$ [0.469 in]. The text "RING ILLUMINATED" is positioned to the right of the drawing, with a line pointing to the inner ring.

ACTUATOR FLUSH TO TOP OF BEZEL

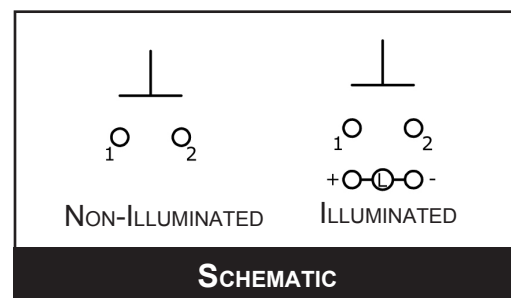
Ø11.80
[.465 in]

1.50
[.059 in]

Ø11.80
[.465 in]

2.90
[.114 in]

High Actuator



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