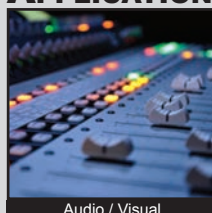


PV6 SERIES ANTI-VANDAL SWITCH

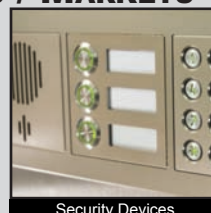
ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS



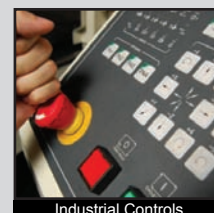
APPLICATIONS / MARKETS



Audio / Visual



Security Devices



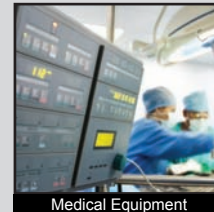
Industrial Controls



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: 4 N
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	Lens 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	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	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



E-SWITCH®

www.e-switch.com

800.867.2717

2

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
----------------------	-------------------	--------------	------------------	---------------------	---------------------	-----------------	-----------------	----------------	----------------------	------------------	-----------------	-------------

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

Top View Dimensions:

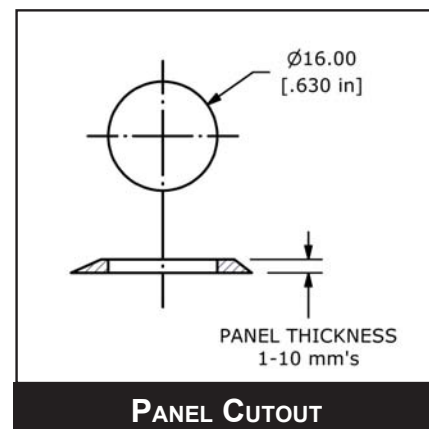
- Outer Diameter: $\varnothing 18.00$ [.709 in]
- Inner Diameter: $\varnothing 11.80$ [.465 in]
- Feature: SHOWN WITH OPTIONAL DOT ILLUMINATION

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):

- 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]
- Thread: M16 x 1.0 THREAD
- Terminal Markings: "+" and "-"
- Note: "+" 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]

Diagram of the DOT ILLUMINATED target showing dimensions:

- Outer diameter: $\varnothing 18.00$ [.709 in]
- Inner diameter: $\varnothing 4.00$ [.157 in]
- Intermediate 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 $\varnothing 18.00$ [.709 in]. The innermost circle is labeled with a diameter of $\varnothing 9.20$ [.362 in]. A middle ring is labeled with a diameter of $\varnothing 11.90$ [.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

