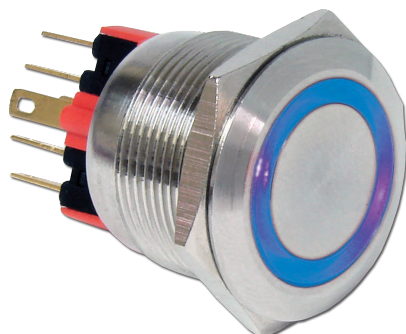
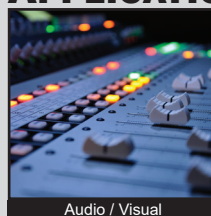


PV7 SERIES ANTI-VANDAL SWITCH



APPLICATIONS / MARKETS



Audio / Visual



Security Devices



Industrial Controls



Kiosks



Electrical Housewares



Medical Equipment

RoHS

SPECIFICATIONS

Electrical Rating: 2A, 48VDC
Electrical Life: 50,000 Cycles
Contact Resistance: 50mΩ Max.
Insulation Resistance: 1000 MΩ Min. @ 500VDC
Dielectric Strength: 2,000VAC
Operating/Storage Temperature: -20°C to 55°C
Travel: 2.20mm
Moisture Protection: IP65
Contact Arrangement: SPDT
Actuation Force: 4 N
Panel Thickness: 1-8mm for Y Function
1-12mm for T function
Mounting Nut Torque: 5-14Nm

FEATURES & BENEFITS

- 22mm diameter panel cutout
- RGB LED option
- Dot, ring or power symbol illumination available
- Multiple function options
- IP65 rated
- SPDT
- Soldered wire leads (300mm long) optional

PART NUMBER CONFIGURATOR

Series	Actuator Options	Terminal Options	Function Options	Rating Options	Body Finish Options	Actuator Finish Options	Lens Style Options	LED-Color Options	Illumination Voltage Options	Graphic (Optional)
PV7	F - Flat	2 - Solder Wire Leads 300mm long	T - 1 Pole Off - On 1 Pole On - Off Y - 1 Pole Off - (On) 1 Pole On - (Off)	0 - 2A, 48VDC	N - Nickel Plated S - Stainless Steel 1 - Black Anodized	N - Nickel Plated S - Stainless Steel 1 - Black Anodized	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 (sm) laser etched M03 - Power symbol illuminated M16 - Power symbol (lg) laser etched

NOTES:

*() denotes function is momentary

Specifications subject to change without notice 5.2.2019



E-SWITCH®

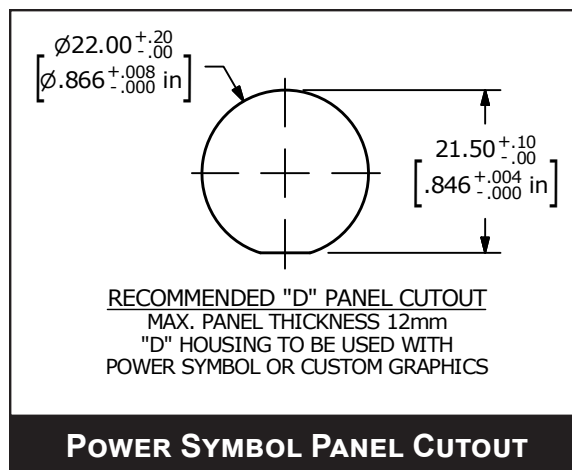
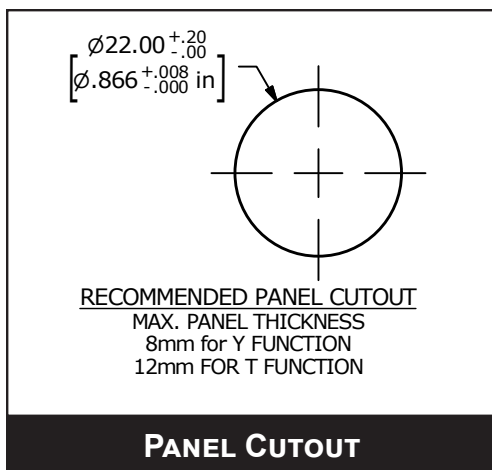
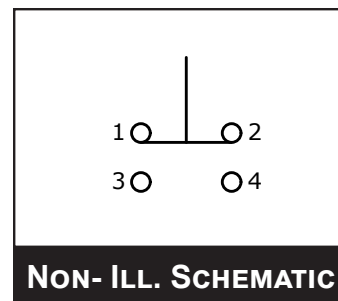
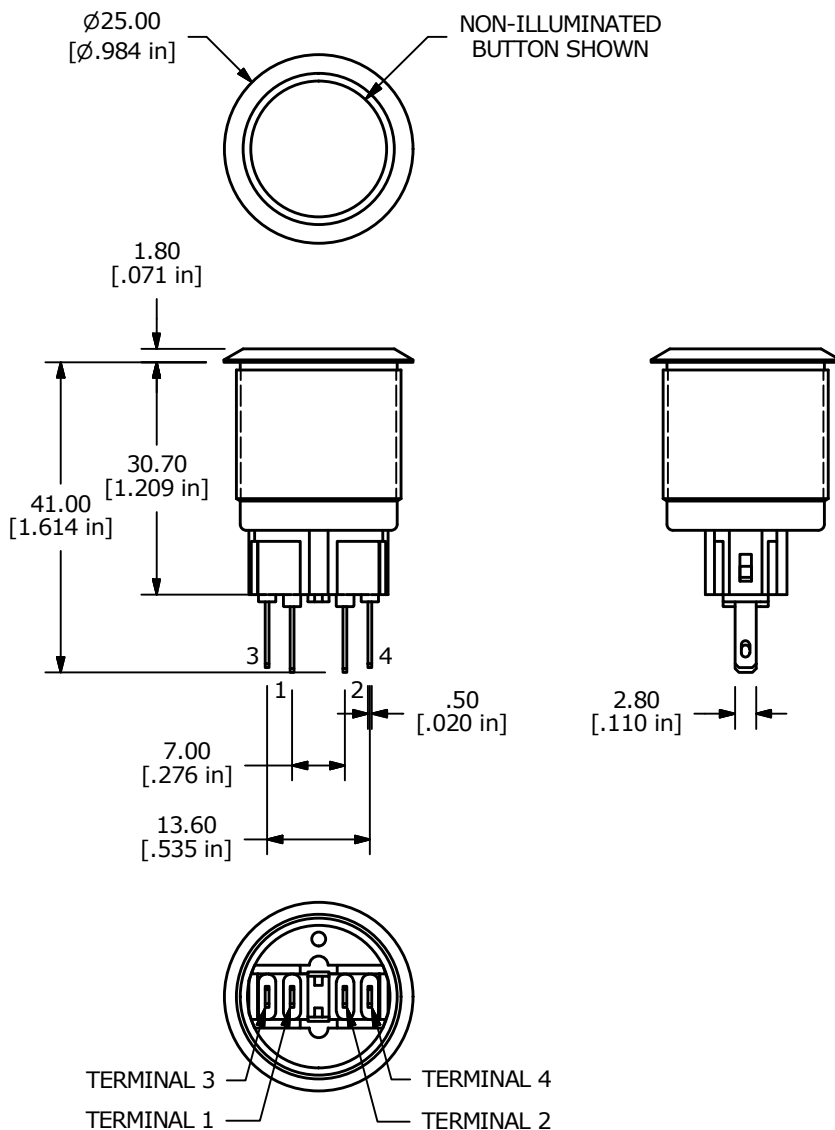
www.e-switch.com

800.867.2717

1

PV7 SERIES ANTI-VANDAL SWITCH

NON ILLUMINATED T FUNCTION



E-SWITCH®

www.e-switch.com

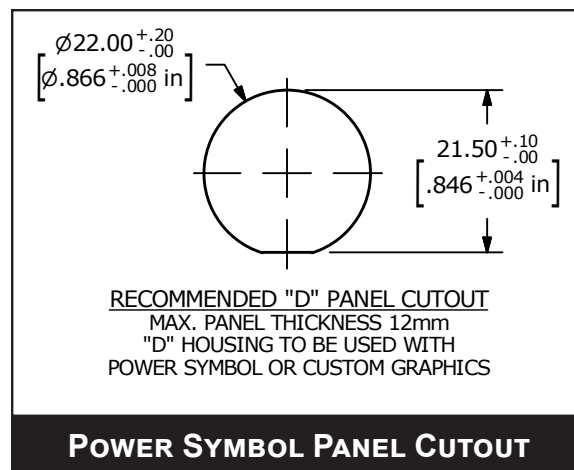
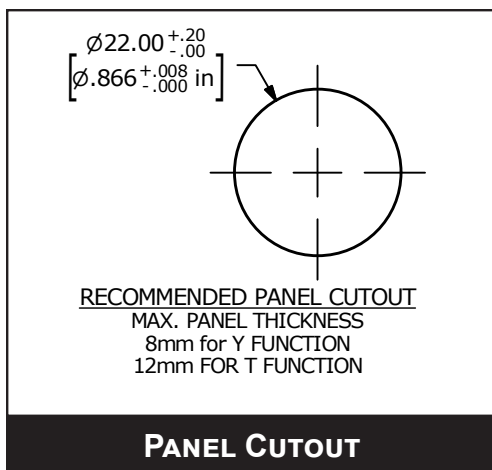
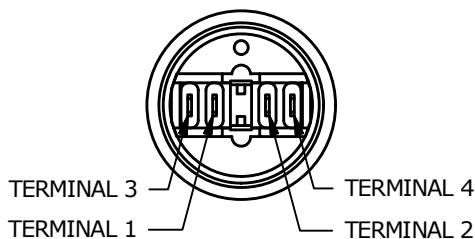
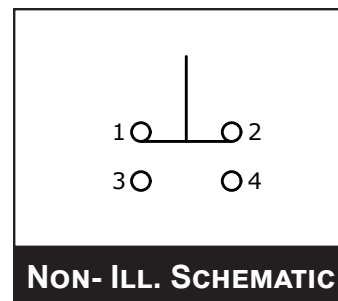
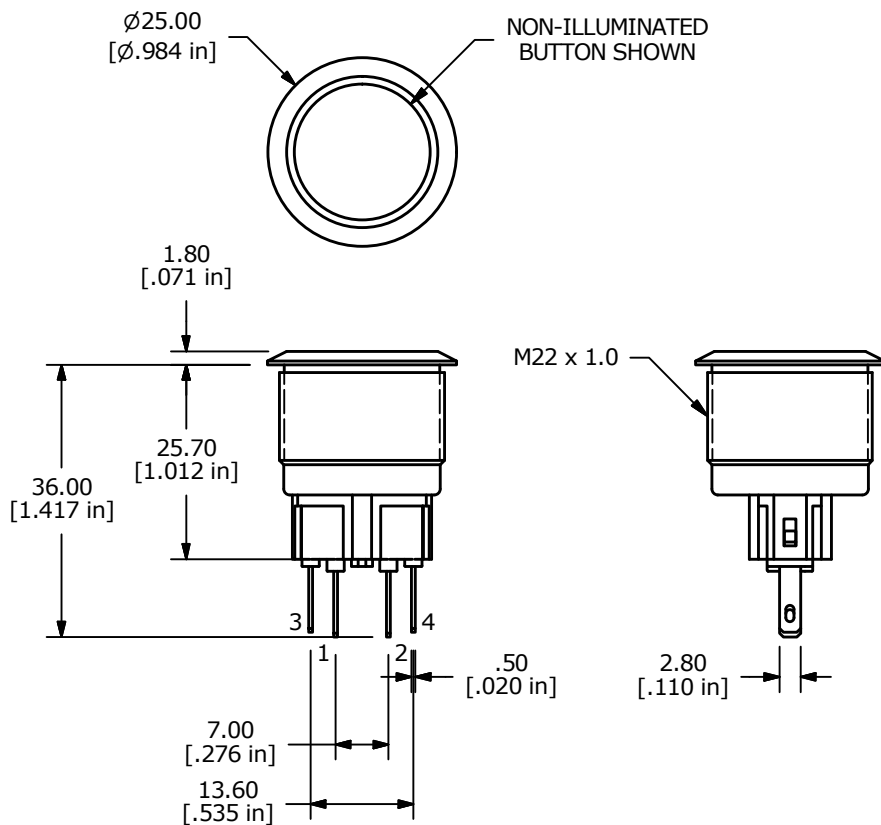
800.867.2717

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

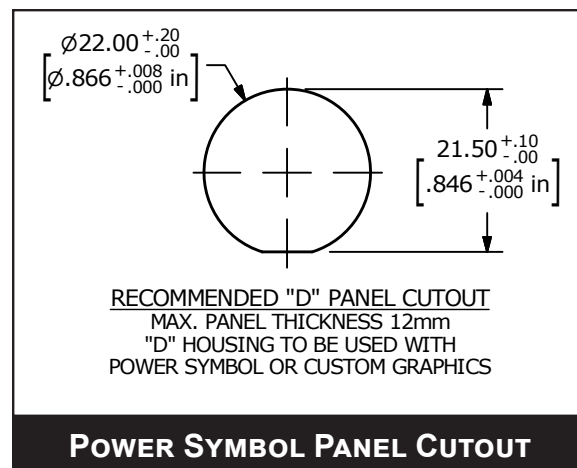
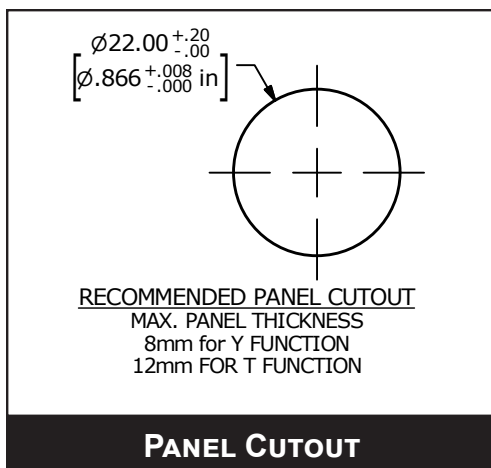
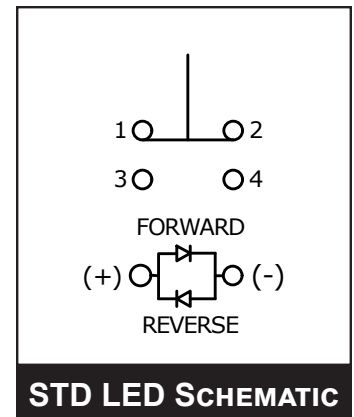
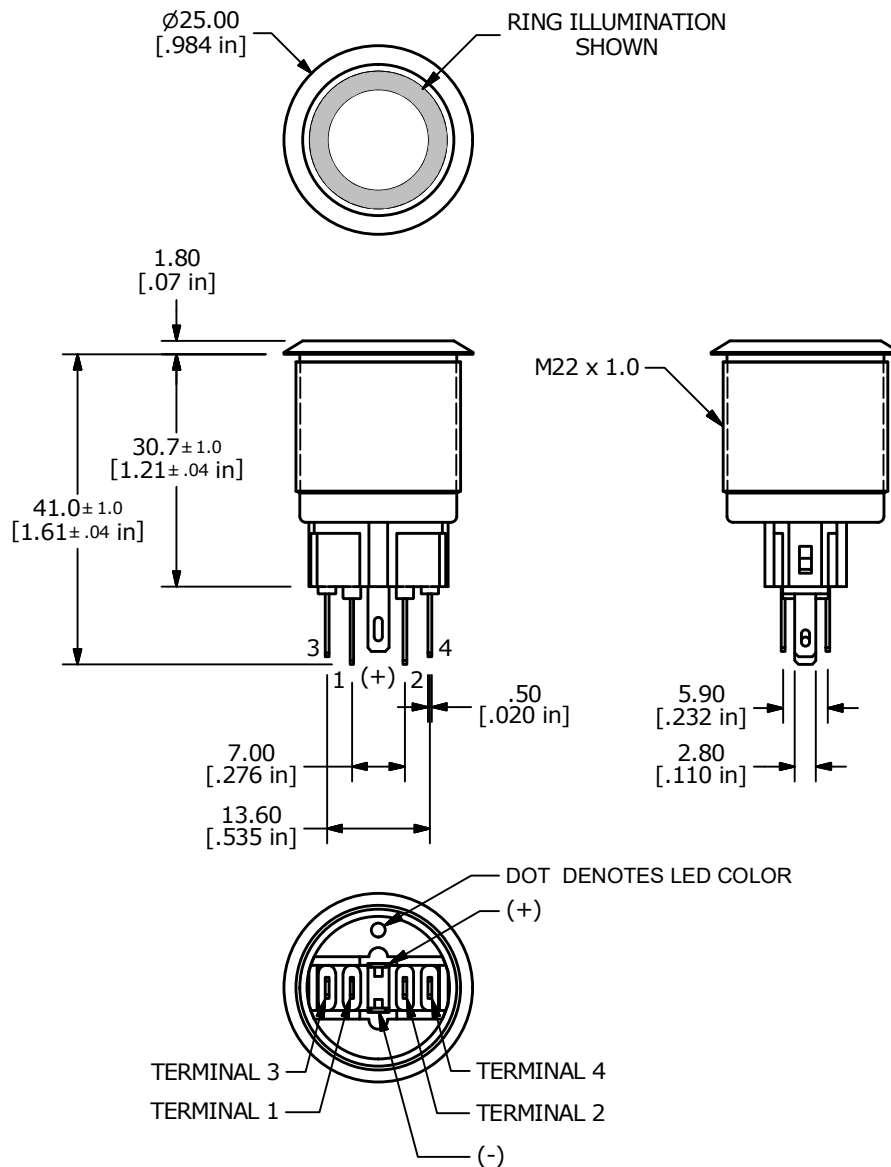
PV7 SERIES ANTI-VANDAL SWITCH

NON ILLUMINATED Y FUNCTION



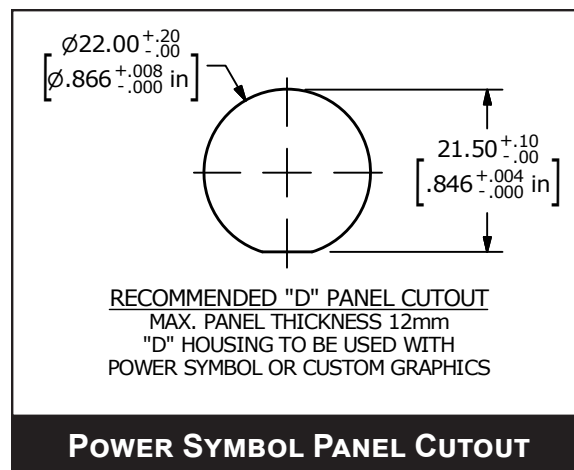
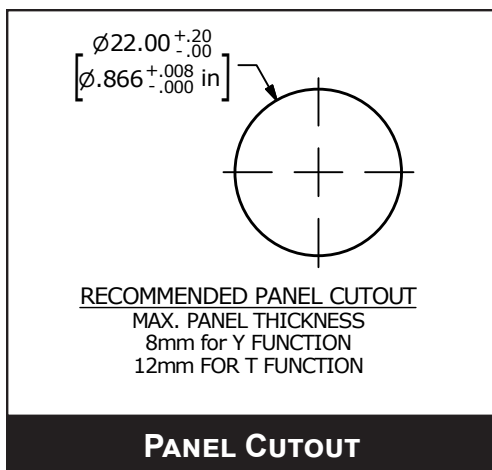
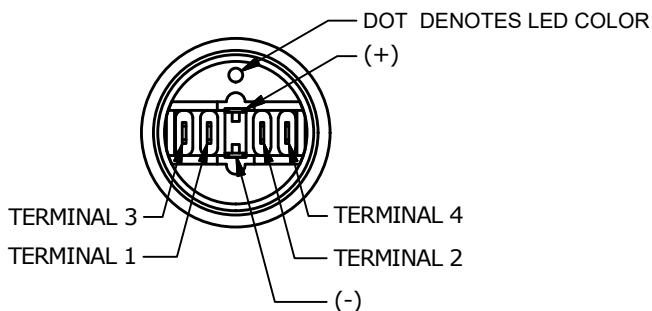
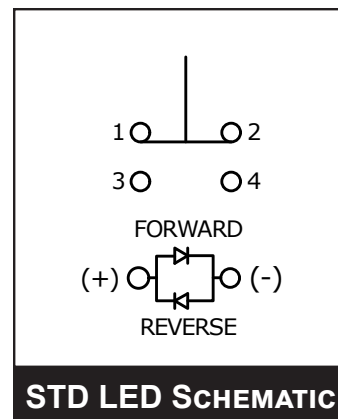
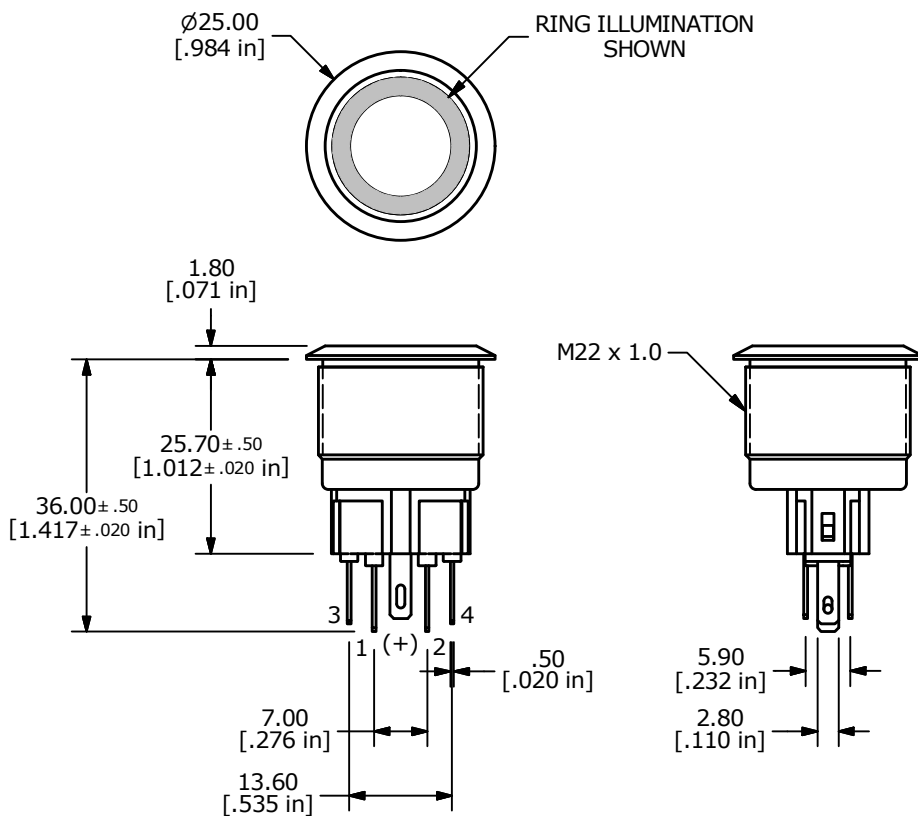
PV7 SERIES ANTI-VANDAL SWITCH

STANDARD LED T FUNCTION



PV7 SERIES ANTI-VANDAL SWITCH

STANDARD LED Y FUNCTION



E-SWITCH®

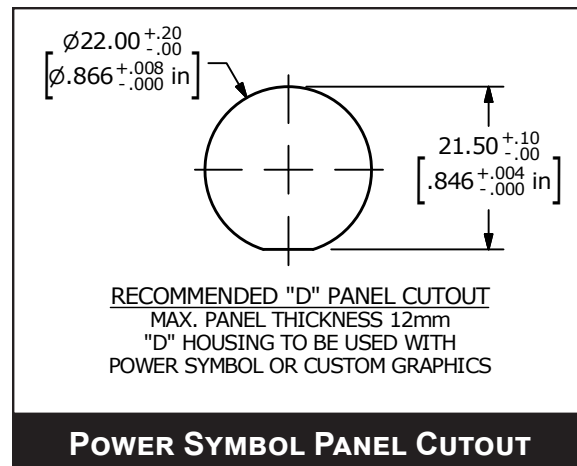
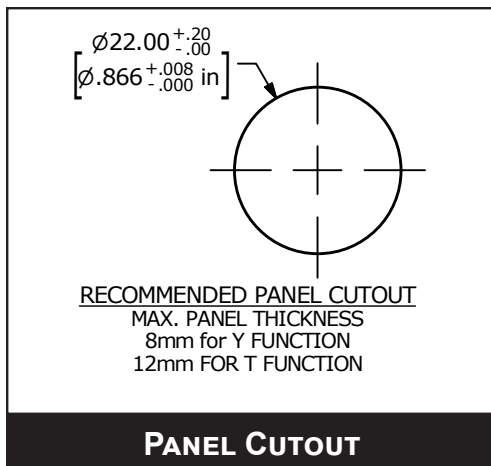
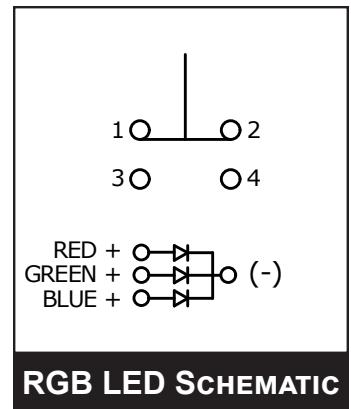
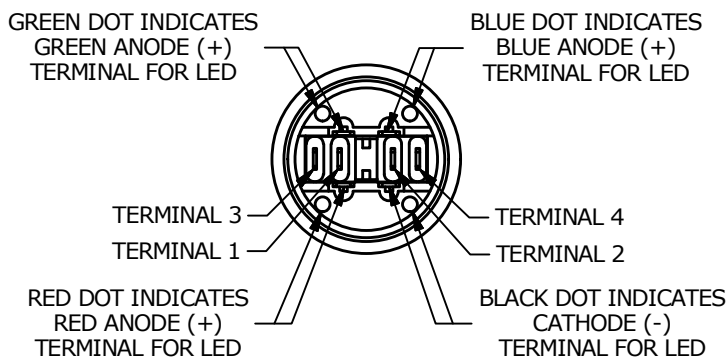
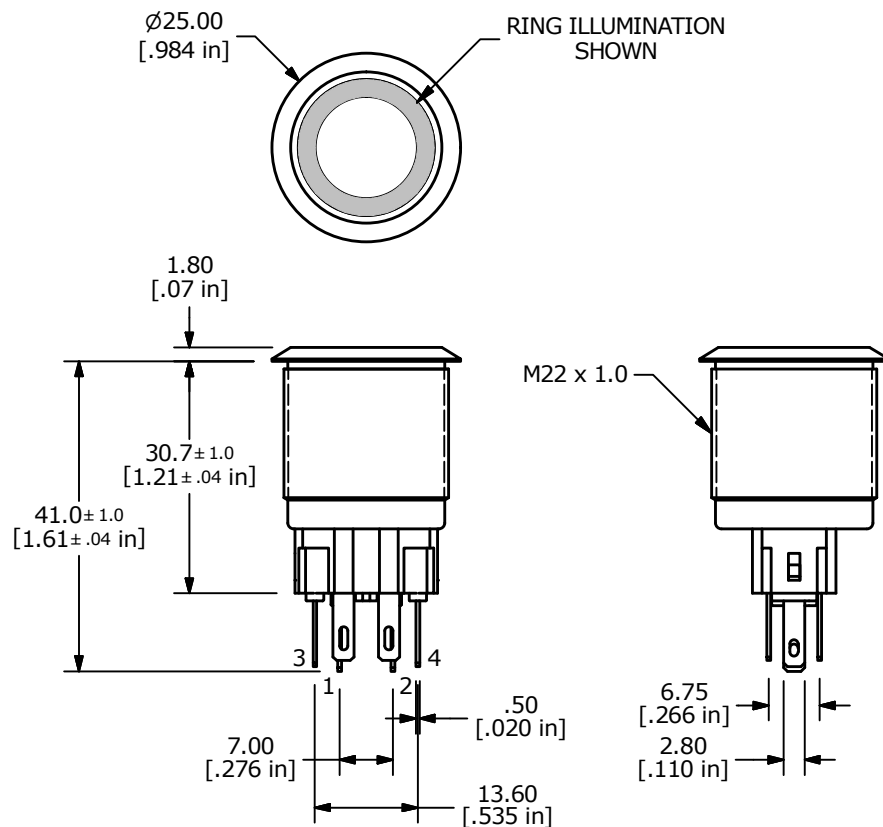
www.e-switch.com

800.867.2717

5

PV7 SERIES ANTI-VANDAL SWITCH

RGB LED T FUNCTION



E-SWITCH®

www.e-switch.com

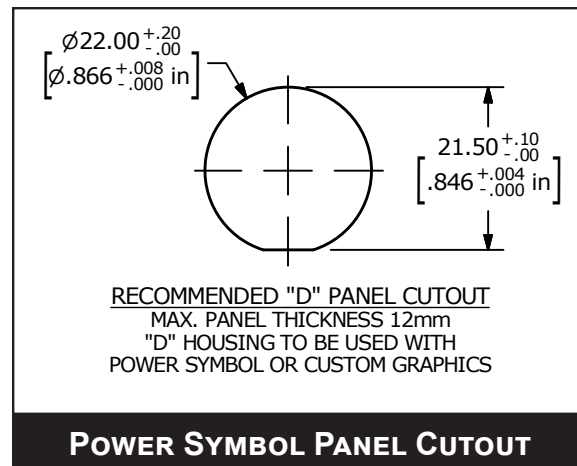
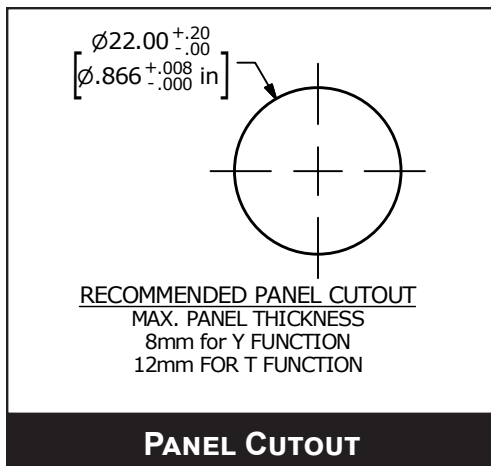
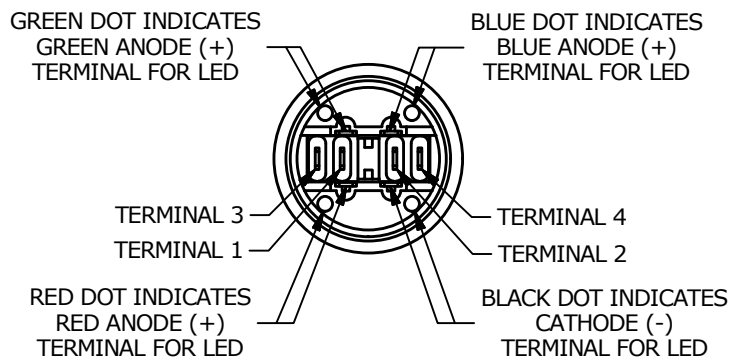
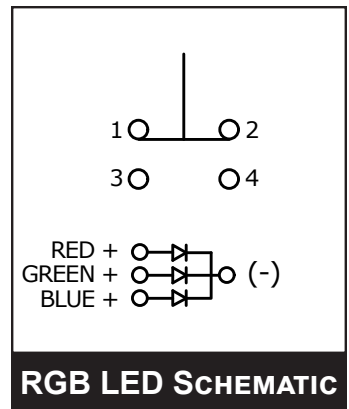
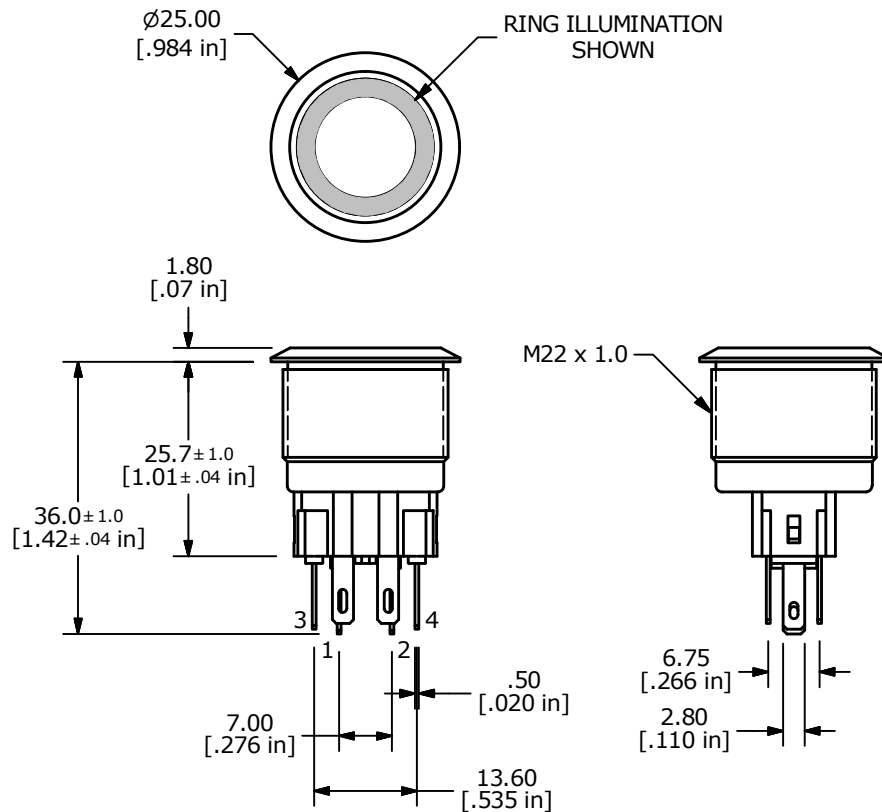
800.867.2717

6

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

PV7 SERIES ANTI-VANDAL SWITCH

RGB LED Y FUNCTION

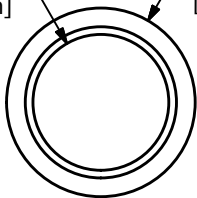


PV7 SERIES ANTI-VANDAL SWITCH

ACTUATOR OPTIONS

Ø18.00
[.709 in]

Ø25.00
[.984 in]



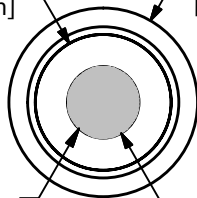
FLAT NON-ILLUMINATED

Ø18.00
[.709 in]

Ø25.00
[.984 in]

DOT
ILLUMINATED

Ø9.50
[.374 in]



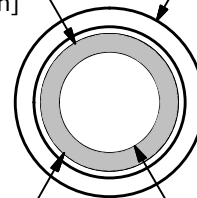
FLAT DOT ILLUMINATED

Ø18.00
[.709 in]

Ø25.00
[.984 in]

RING
ILLUMINATED

Ø13.50
[.531 in]



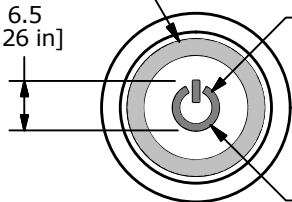
FLAT RING ILLUMINATED

GRAPHIC OPTIONS

ILLUMINATED

6.5
[.26 in]

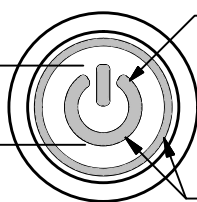
Ø6.0
[.24 in]



LASER
ETCHED

Ø10.0
[Ø.39 in]

10.5
[.41 in]

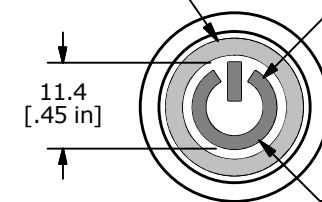


ILLUMINATED

ILLUMINATED

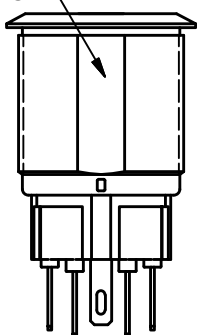
Ø11.0
[.43 in]

11.4
[.45 in]



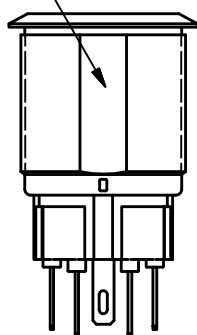
LASER
ETCHED

ORIENTATION
FLAT FOR GRAPHIC



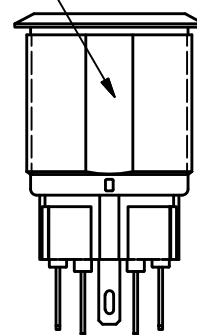
M01

ORIENTATION
FLAT FOR GRAPHIC



M06

ORIENTATION
FLAT FOR GRAPHIC



M16



E-SWITCH®

www.e-switch.com

800.867.2717

8

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

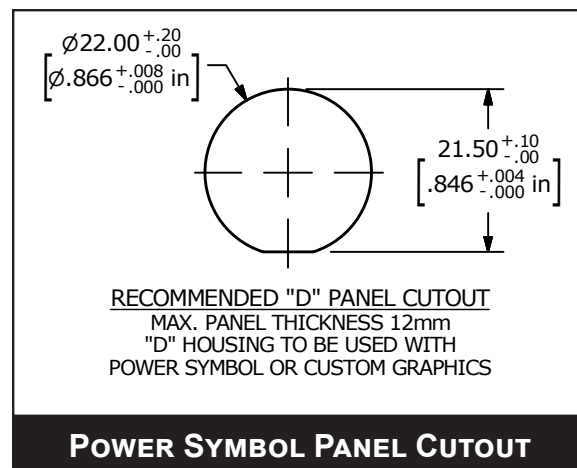
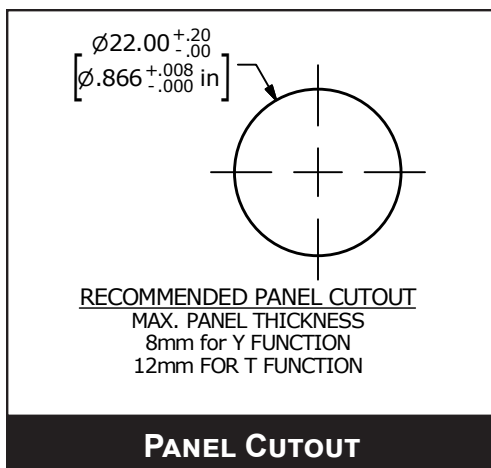
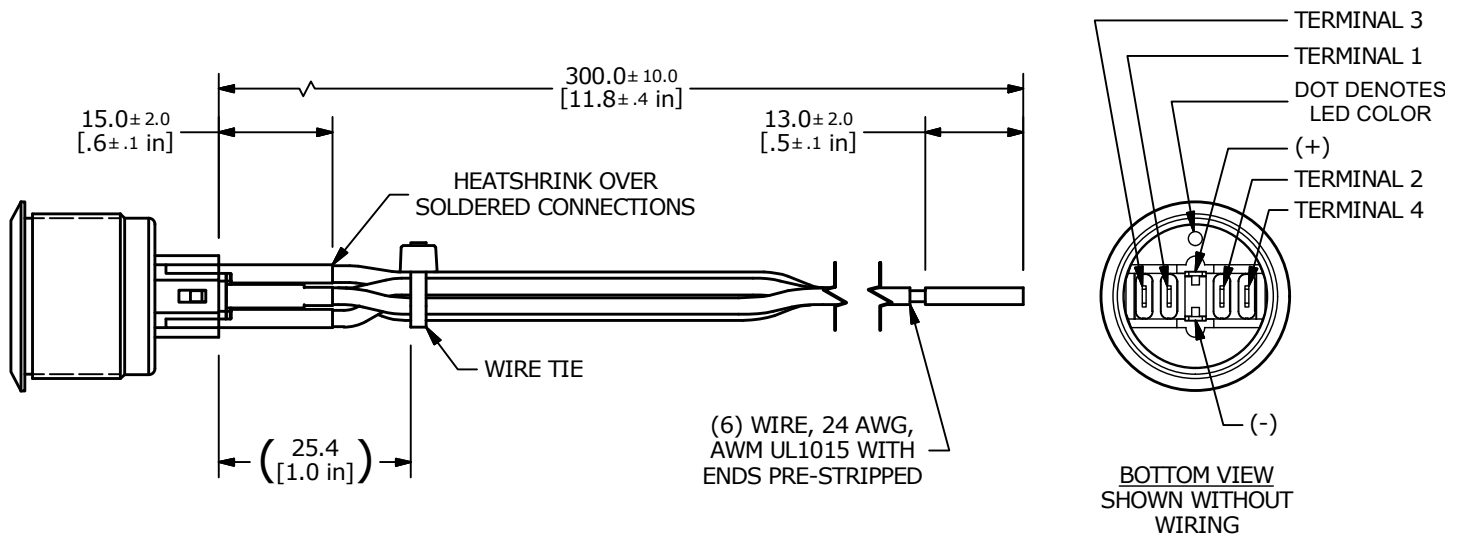
CAP
OPTIONS

PV7 SERIES ANTI-VANDAL SWITCH

STANDARD LED WIRE LEAD

SWITCH	WIRE	LENGTH
SW1-1	WIRE, 24AWG AWM UL1015, WHITE	300.0 [11.8 in]
SW1-2	WIRE, 24AWG AWM UL1015, WHITE	300.0 [11.8 in]
SW1-3	WIRE, 24AWG AWM UL1015, BLUE	300.0 [11.8 in]
SW1-4	WIRE, 24AWG AWM UL1015, BLUE	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 **

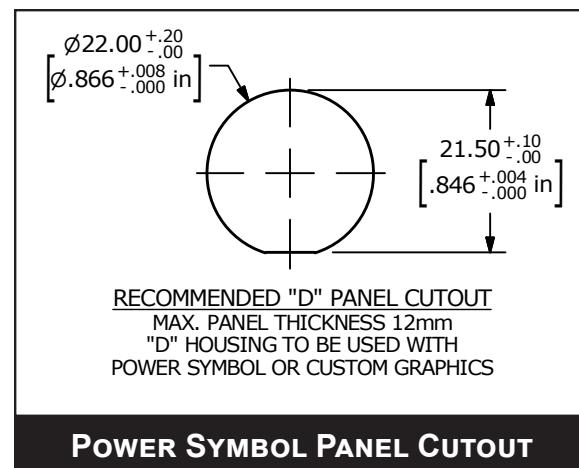
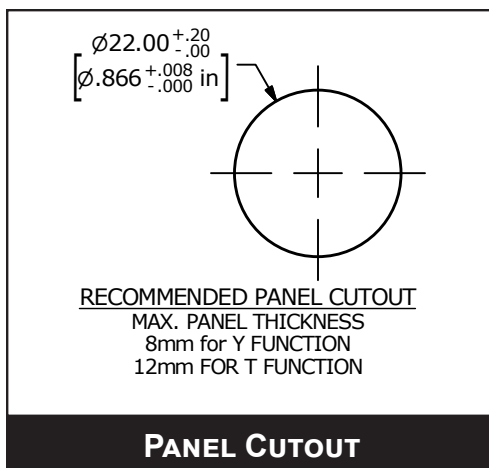
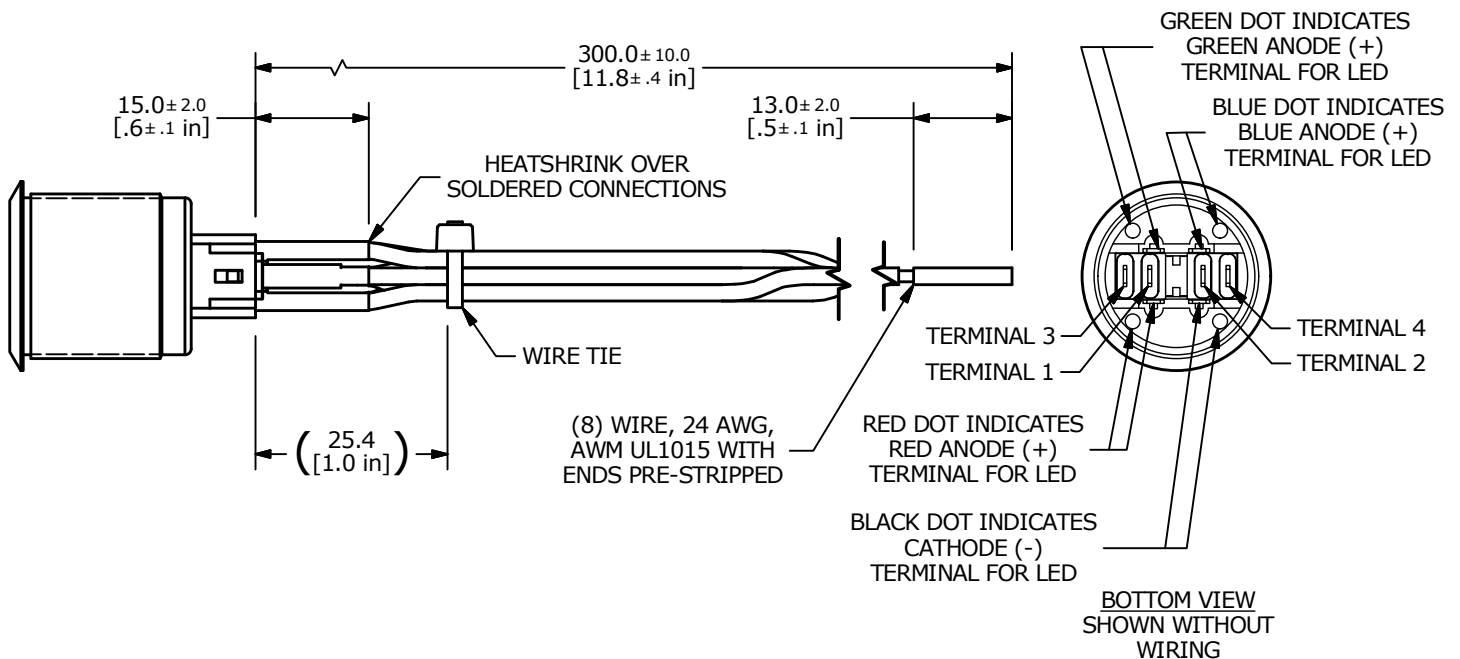


PV7 SERIES ANTI-VANDAL SWITCH

RGB LED WIRE LEAD

SWITCH	WIRE	LENGTH
SW1-1	WIRE, 24AWG AWM UL1015, WHITE	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]
SW1-4	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 **



E-SWITCH®

www.e-switch.com

800.867.2717

10

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

[PV7F2Y0SS-3K1-M03-3FLATS](#) [PV7F2Y0SS-3R5](#)