Pushbutton Switches

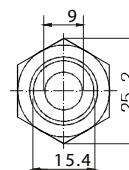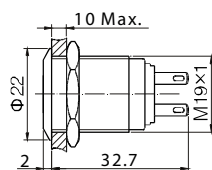## Anti-Vandal Pushbutton Switch - Mounting Hole Ø19mm   PAV19B Series
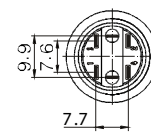

PAV19B...FS1GN

Terminal Type: Solder Lug 2x0.5mm
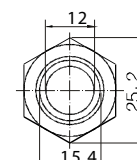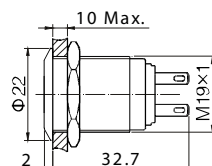Illumination: Dot Illuminated blue

10 Max.
Φ22   M19×1
2   32.7

Top View
9
25.2
15.4

Terminal Arrangement
9.9   7.6
7.7

PAV19B...FS2FN

Terminal Type: Solder Lug 2x0.5mm
Illumination: Ring Illuminated green

10 Max.
Φ22   M19×1
2   32.7

Top View
12
25.2
15.4
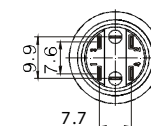
Terminal Arrangement
9.9   7.6
7.7

LED SPECIFICATIONS

Lamp Type	LED Lamp AC/DC *			Lamp Circuit Diagram	
Rated Voltage	AC/DC6V	AC/DC12V	AC/DC110V		
	AC/DC24V	AC/DC36V	AC/DC220V		Using AC/DC LED lamp, the terminals have not difference of anode and cathode; Using inner resistance, don't need to connect outer resistance.
Rated Amper	about 15mA		about 3mA		
LED Colors	red, green, yellow, orange, blue, white				
Life	40,000 hours (reference)				

Lamp Circuit Diagram: a —[R]— ▷|◁ — b

* DC LED and other voltages can be made by request.

SWITCHING

1 ── ── 2
3 ── ── 4

1 ── 2
3 ── 4
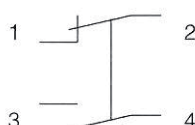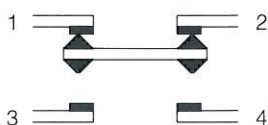
Using 4 terminals, double-break and fast-motion changeover contact.

INSTALLATION EFFECT

Screw   Solder Lug

How to order:

PAV19B [1] [2] [3] [4] [5] [6]

1 OPERATING TYPE:
M   Momentary
L   Latching

2 FRONT SHAPE:
F   Flat Round

3 TERMINATION:
W   Screw Terminal
S   Solder Lug 2.8x0.5 mm

4 ILLUMINATION:
0   No Illumination
1   Dot Type Illumination
2   Ring Type Illumination

5 LED COLOR:
N   No Illumination
C   Red   F   Green   E   Yellow
D   Orange   G   Blue   B   White

6 ENGRAVING:

A (Stop)   B (Start)   C (Return)   D (Reset)
E (I)   F (II)   G (|◁)   H (↑)
J (■)   K (⏻)   L (💡)   M (🔔)
N ( )

(Other engraving can be made by request)

Specifications:

CHARACTERISTICS
> Protection Degree: IP65 (IP67 made to order)
> Anti Vandal Degree: IK09
> Switch Rating: 5A 250VAC
> Operation Type: Momentary/Latching
> Contact Configuration: 1NO1NC
> Contact Resistance: 50mΩ Max.
> Insulation Resistance: 1000MΩ Min.
> Dielectric Intensity: 2000VAC
> Operating Temperature: -20°C to +55°C
> Mechanical Life: 1,000,000 cycles
> Electrical Life: 50,000 cycles
> Panel Thickness: 1 to 10 mm
> Torque: 5 to 14 Nm
> Operation Pressure: about 4 N
> Operation Travel: about 2.5mm
> Switching: Double-Break Slow-Motion Contact

MATERIAL
> Contact: Silver alloy
> Button: Stainless steel
> Body: Stainless steel
> Base: PC(by Solder Lug), PA(by Screw Terminal)

Anti-Vandal Pushbutton Switch - Mounting Hole Ø19mm   PAV19B Series

PAV19B...FS0NN

Terminal Type: Solder Lug 2x0.5mm
Illumination: No Illumination

Top View

Terminal Arrangement

PAV19B...FW0NN
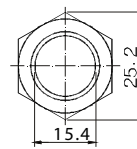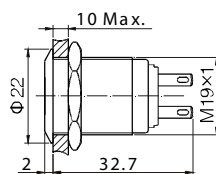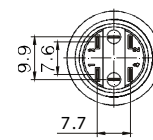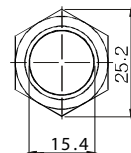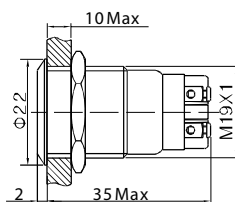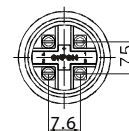
Terminal Type: Screw Terminal
Illumination: No Illumination

Top View

Terminal Arrangement

PAV19B...FW1FN
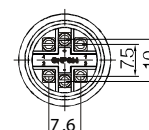
Terminal Type: Screw Terminal
Illumination: Dot Illuminated green

Top View

Terminal Arrangement

PAV19B...FW2GN
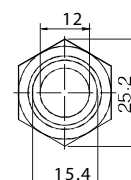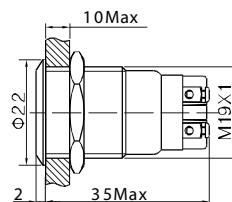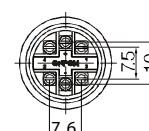
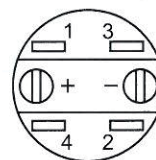Terminal Type: Screw Terminal
Illumination: Ring Illuminated blue
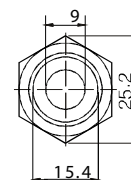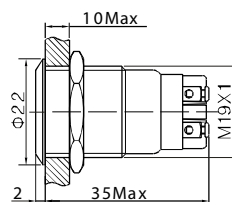
Top View

Terminal Arrangement

Terminal Description:

1 & 2 are normally closed (NC)
3 & 4 are normally opened (NO)
+ & - are lamp terminals.
The standard LED terminals have no difference
of anode and cathode.
The lamp and switch are relatively independent
and can use switch or pheripheral circuit to control
the lamp state.