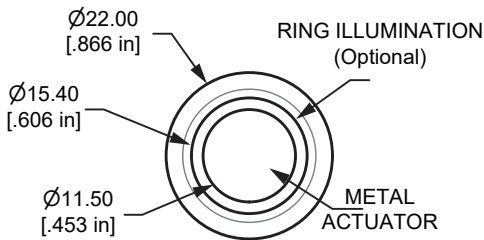


Anti vandal switch Ø19mm

APPLICATIONS / MARKETS



DESCRIPTION



ORDER CODE

Series	Actuator Options	Terminal Options	Function Options	Material Options	Illumination Style Options	Led-Color Options	Illumination Voltage Options	Graphic Options
Ls19	F- Flat	NONE- Solder-lug (2.8x0.5)	M- Momentary 1- 1NO	S- Stainless steel	D- Dot illum. R- Ring illum. NONE- non-illum.	W- White Y- Yellow B- Blue G- Green R- Red O- Orange	NONE- Base voltage* 3.3V 6V 12V 24V 36V	NONE- Non-marking LE- Laser etched

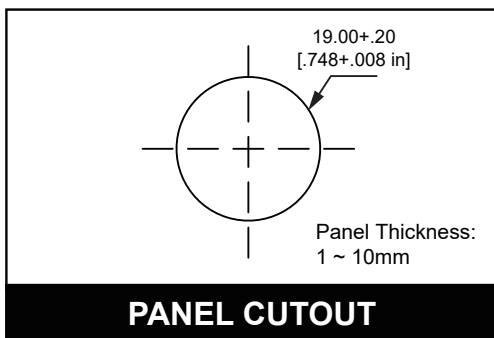
NOTES:

* Base voltage on LEDs:
1.8V @ 20mA for Red, Yellow and Orange LED colors
2.8V @ 20mA for Blue, Green and White LED colors

TECHNICAL DATA

Type	Ls19-F
Illuminated Options	Non-Illuminated/ Ring Illuminated/ Dot Illuminated
Terminal	Solder lug (2.8X0.5)
Max. Switch Rating	2A 36VDC
Contact Resistance	≤50mΩ
Insulation Resistance	≥1000mΩ
Dielectric Strength	2000VAC
Operation Temp	-20℃ ~ +55℃
Mechanical Life	1,000,000 Cycles
Electrical Life	200,000 Cycles
Contact Material	Silver Alloy
Torque	5 ~ 14Nm
Operation Pressure	approx. 3 ~ 5N
Protection	IP65/ IK08
Material	
Actuator	Stainless steel
Body	Stainless steel
Base	PBT
Color	LED 3.3V/ 6V/ 12V/ 24V/ 36V(The resistor is external) R G Y O B W Approx, 40,000 hours

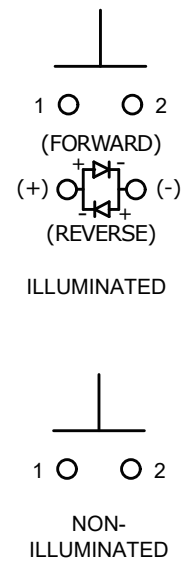
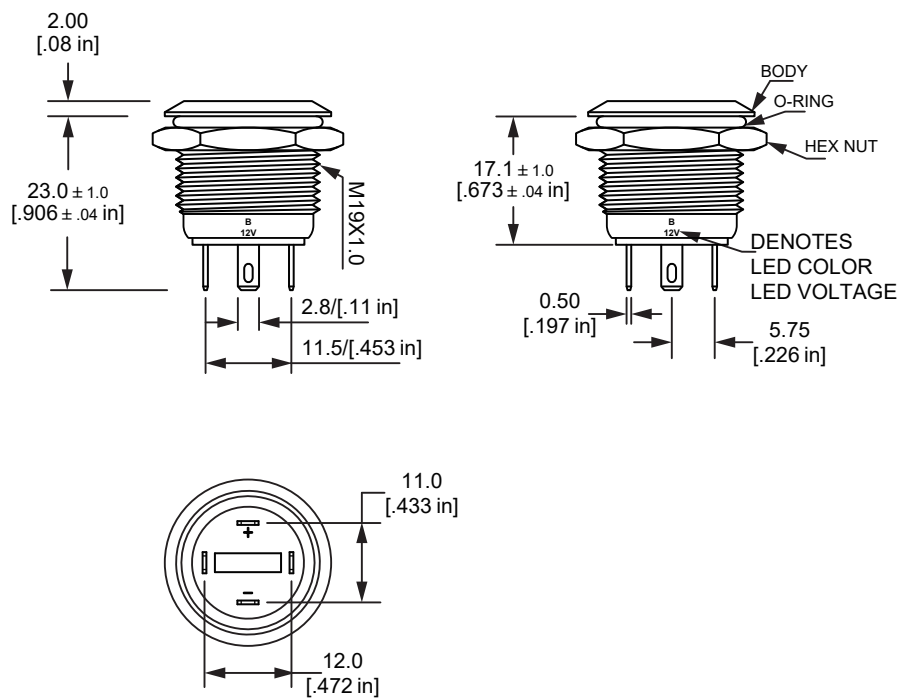
PANEL CUTOUT



Current-limiting Resistance Configuration Table	Operating Voltage(U)	6V	12V	24V	36V	Formula
		R Y O	210Ω, 1/4W	510Ω, 1/2W	1.2kΩ, 3/4W	R = $\frac{U-U_e}{I_e}$
		G B W	160Ω, 1/4W	460Ω, 1/2W	2.2kΩ, 1W	

Anti vandal switch $\phi 19\text{mm}$

DIMENSIONS



FUNCTIONS

ILLUM. OPTIONS

