



Anti Vandal Switch Ø19mm

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 R-Ring X-Backlit label kit**	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:

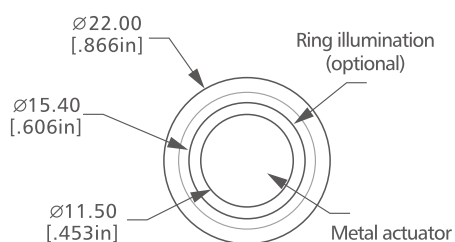
* Base voltage on LEDs:

1.8V @20mA for red, yellow and orange LED colors

2.8V @20mA for blue, green and white LED colors

**5 ICON labels included, flat actuator only

Description

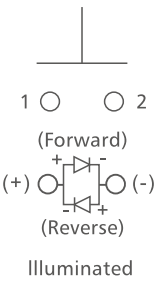
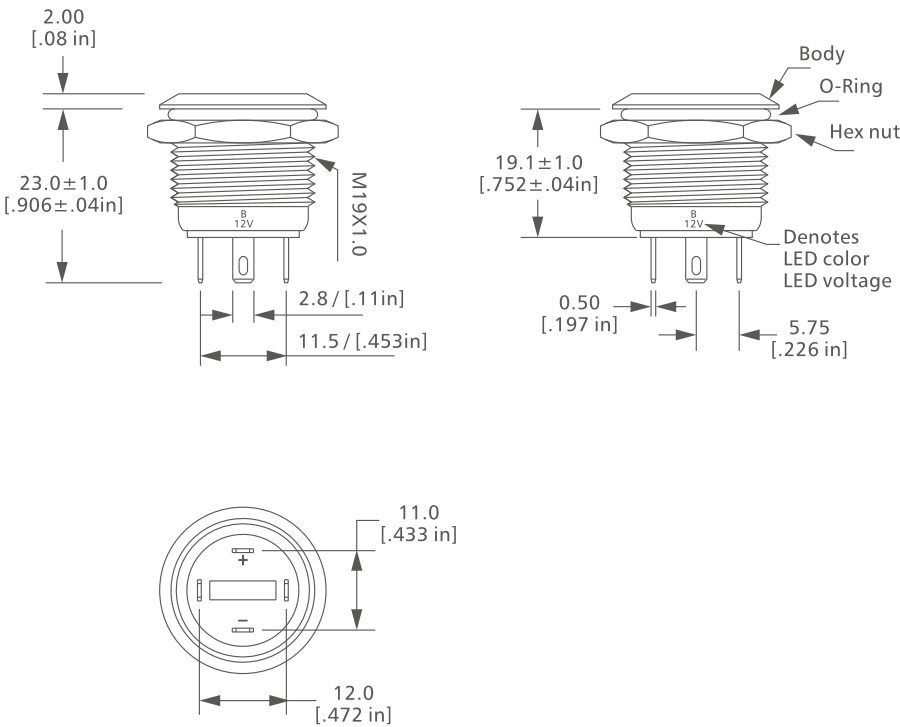


Technical Data

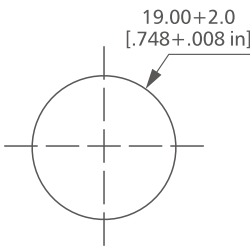
Type	LS19-F
Illuminated options	Non-illuminated / Ring illuminated / Dot illuminated
Terminal	Solder lug (2.8X0.5)
Max. switch rating	2A 36VDC
Contact resistance	≤50mΩ
Insulation resistance	≥1000mΩ
Dielectric strength	2000VAC
Operation temp.	-20°C ~ +55°C
Mechanical life	1,000,000 cycles
Electrical life	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

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

Dimensions



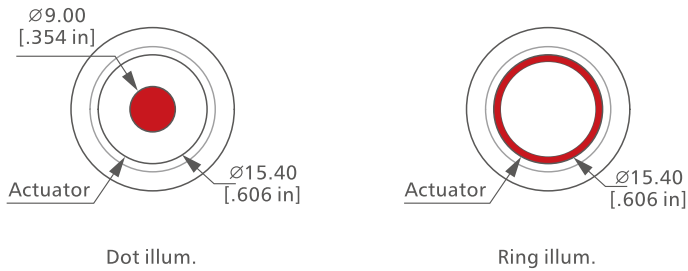
Functions



Panel thickness: 1~10mm

Panel Cutout

Illum. Options



Lens Options