



Anti Vandal Switch Ø16mm

Order Code

Series	Actuator Options	Terminal Options	Function Options	Material Options	Illumination Style Options	Led- Color Options	Illumination Voltage Options	Graphic Options
LS16	F-Flat	NONE-Solder lug (2.8X0.5)	M-Momentary 1-1NO	S-Stainless steel N-Nickel plated brass A-Anodized aluminum	D-Dot R-Ring	W-White Y-Yellow B-Blue G-Green R-Red O-Orange 3A-Red / Green / Blue	NONE-Base voltage* 3.3V 6V 12V 24V 36V	NONE-Non-marking LE-Laser etched

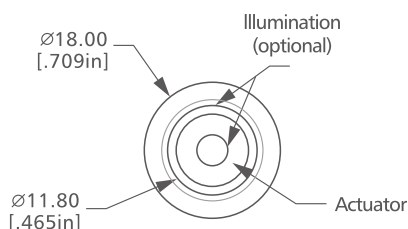
Notes:

* Base voltage on LEDs:

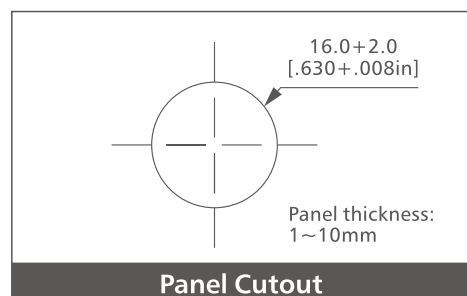
1.8V @20mA for red, yellow and orange LED colors

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

Description



Panel Cutout

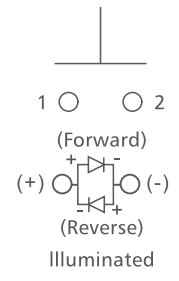
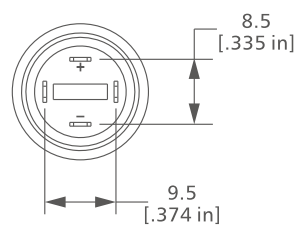
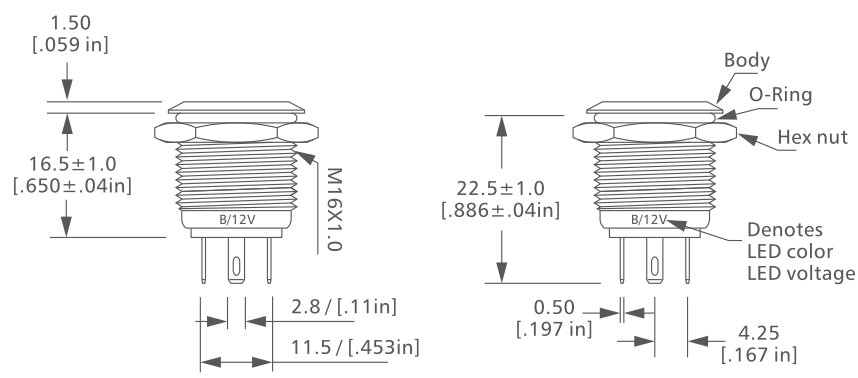


Technical Data

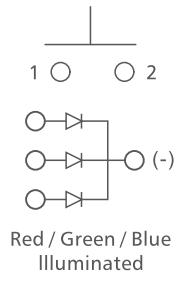
Type	LS16-F
Illuminated options	Non-illuminated / Ring illuminated / Dot illuminated
Terminal	Solder lug (2.8X0.5)
Max. switch rating	2A 36VDC
Contact resistance	≤50mΩ
Insulation resistance	≥1000mΩ
Dielectric strength	2000VAC
Operation temp.	-20°C ~ +55°C
Mechanical life	1,000,000 cycles
Electrical life	200,000 cycles
Contact material	Silver alloy
Torque	5~14Nm
Operation pressure	Approx. 3~5N
Protection	IP65/ IK08
Material	
Actuator	Stainless steel / Nickel plated brass / Anodized aluminum
Body	Stainless steel / Nickel plated brass / Anodized aluminum
Base	PBT
LED	
Color	3.3V / 6V / 12V / 24V / 36V (The resistor is external)
	R G B Y O W
	Approx. 40,000 hours

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

Standard Illum.

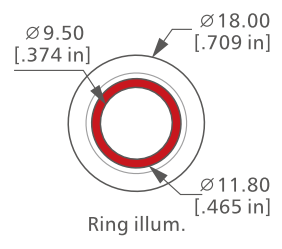
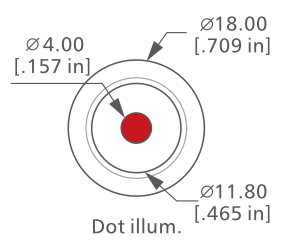
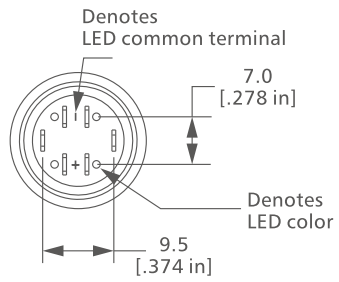
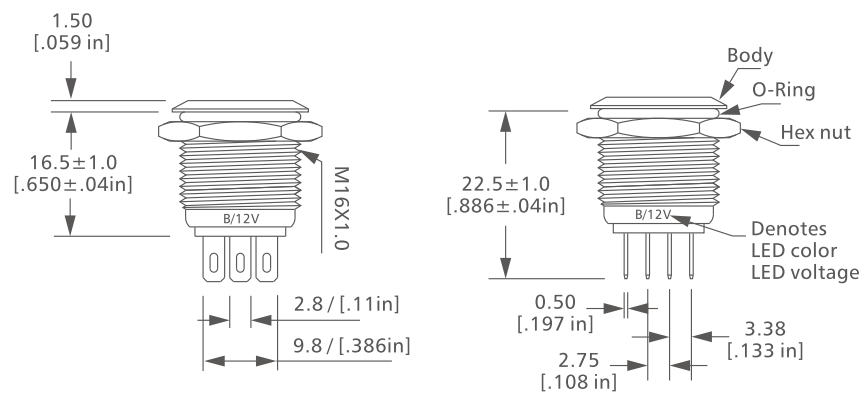


Functions



Functions

Tri-color



Lens Options