RoHS COMPLIANCE

Anti vandal switch ∅16mm

Applications / Markets

Yacht Controls

Security Devices

Industrial Controls

Kiosks

Electrical Housewares

Medical Equipment

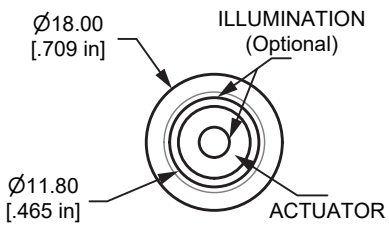
Parking

Audio/ Visual

Kitchen

Car Controls

Description



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 illum. R- Ring illum. NONE- non-illum.	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

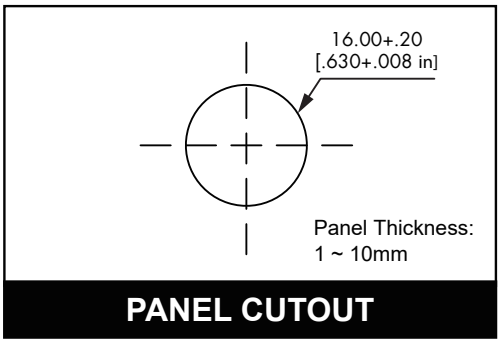
NOTES:
* Base voltage on LEDs:
1.8V @ 20mA for Red, Yellow and Orange LED colors
2.8V @ 20mA for Blue, Green and White LED colors

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℃ ～+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/ Nickel Plated Brass/ Anodized Aluminum
Body	Stainless Steel/ Nickel Plated Brass/ Anodized Aluminum
Base	PBT
Color	LED
	3.3V/ 6V/ 12V/ 24V/ 36V(The resistor is external)
	R G Y O B W
	Approx, 40,000 hours

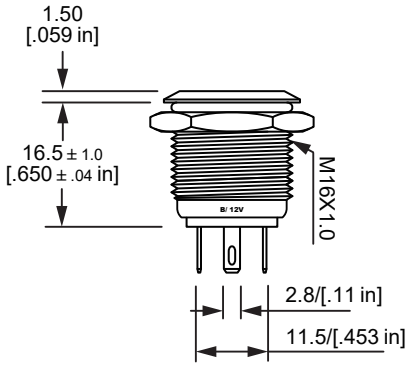
Current-limiting Resistance Configuration Table	Operating Voltage(U)		6V	12V	24V	36V	Formula
	Current-limiting Resistance(R)	R Y O	210Ω, 1/4W	510Ω, 1/2W	1.2kΩ, 3/4W	2.2kΩ, 1W	$R=\frac{U-Ue}{Ie}$
		G B W	160Ω, 1/4W	460Ω, 1/2W	1.2kΩ, 3/4W	2.2kΩ, 1W	

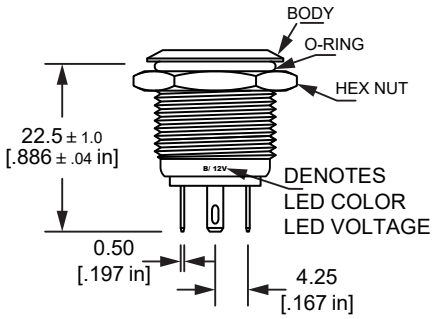
Panel Cutout

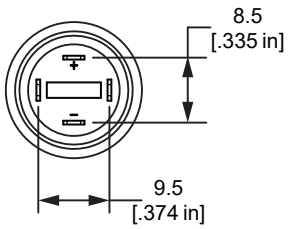


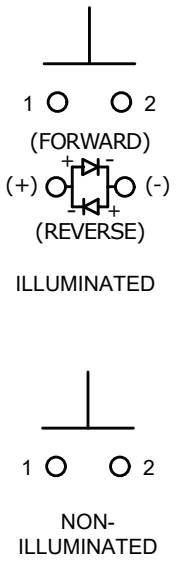
Anti vandal switch Ø16mm

STANDARD ILLUM.



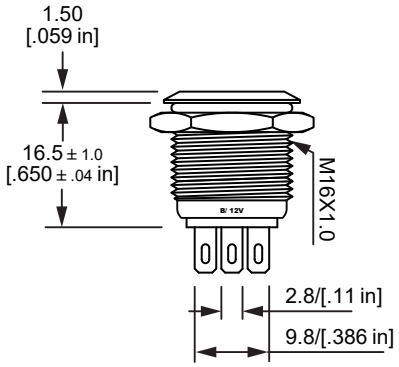


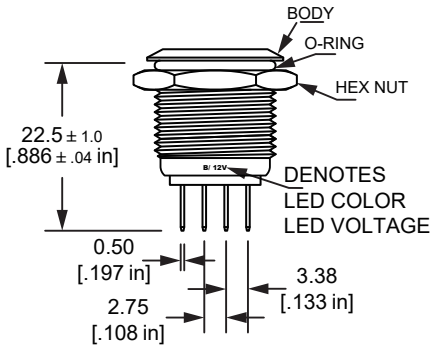


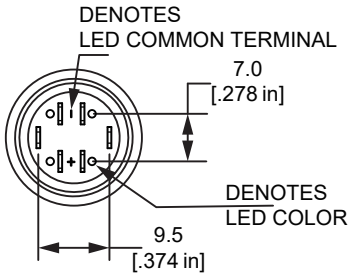


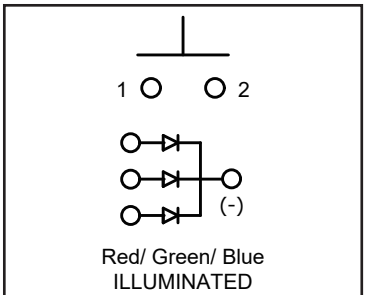
FUNCTIONS

TRI-COLOR

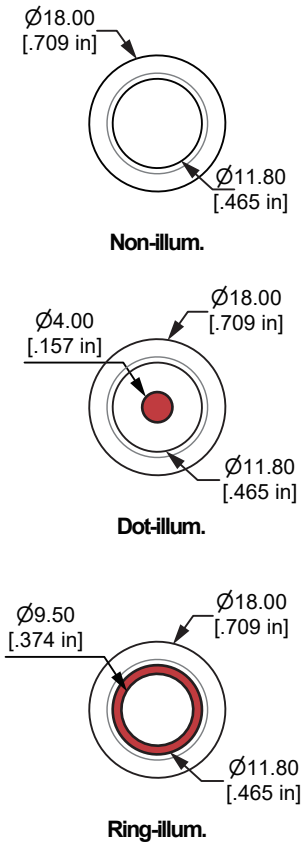








FUNCTIONS



LENS OPTIONS