

**LAS2GQ Series**

## Part-number Description >>

LAS2	GQ	★	—	□	■	◇	/	△	/	▲	/	◎	/	☆
Code of series	Code name	The front shape	Contact structure:	Operation mode:	Lamp type	Lamp color and colorized button	Lamp voltage:	The crust material:	IP degree					
		F Flat Round	11 1NO1NC	Z Latching type	D Dot	R Red	AC/DC 6V	N Nickel-plated	FP IP67					
		H High Round	22 2NO2NC	No letter means momentary	E Ring	G Green	AC/DC 12V	Brass	No letter means IP40					
		C Concave Round				Y Yellow	AC/DC 24V	S Stainless steel						
		G High Concave Round				O Orange	AC/DC 110V							
						B Blue	AC/DC 220V							
						W White	<b>Note: Other voltage can be made to order</b>							

**Note:** Pls read the catalog carefully, and choose the right part-number according to the sign.

## Lamp Ratings >>

Lamp Type	LED lamp(AC/DC)			Lamp Circuit Diagram
LED Color	<span style="color:red">R</span> <span style="color:green">G</span> <span style="color:yellow">Y</span> <span style="color:orange">O</span> <span style="color:blue">B</span> <span style="border:1px solid black; padding:1px;">W</span>			
Life	40000 hours(Reference)			
Rated Voltage	AC/DC6V	AC/DC12V	AC/DC110V	
	AC/DC24V	AC/DC36V	AC/DC220V	
Rated Current	About 15mA		About 3mA	
Dropping Way	Inner resistance		Outer resistance when using 6V lamp	

- ⊙ Using AC/DC LED lamp, the terminals have no difference of anode and cathode:
- ⊙ Using inner resistance for the lamp below 60V. Using 6V lamp when the lamp voltage is above 60V, and need connect **outer** dropping resistance.

**Note:** DC LED and other voltage can be made to order.

## Switching Operation >>

TYPE	C
Diagram	
Sign	
Explanation	Using three terminals, single-break and fast-motion changeover contact.

## Terminal Description >>

Can use two sets at most .  
 C1,NO1,NC1 and C2,NO2,NC2 are one set respectively.  
 C is common used, NO is normal opened, NC is normal closed;  
 +、- are lamp terminals, the standard LED have no difference of anode and cathode;  
 The lamp and switch are relatively independent and can use switch or peripheral circuit to control the lamp state.

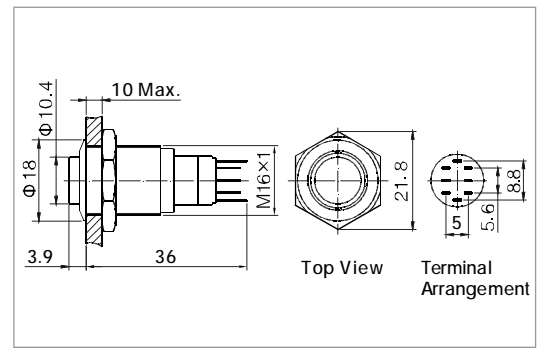
## Installation Effect >>



## Metal ring illuminated push button



- ◎  $\Phi$  16mm Diameter
- ◎ Switch Rating: 3A/250VAC
- ◎ Contact Configuration: 1NO1NC/2NO2NC
- ◎ Operation Type: Momentary/Latching
- ◎ The Front Shape: High Round
- ◎ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ◎ Ring Illuminated
- ◎ IP Degree: IP40/IP67, IK09



Specification	LAS2GQF-□■/◎/☆ LAS2GQH-□■/◎/☆	LAS2GQF-□■D/△/▲/◎/☆ LAS2GQH-□■D/△/▲/◎/☆	LAS2GQF-□■E/△/▲/◎/☆ LAS2GQH-□■E/△/▲/◎/☆
The Front Shape	Flat Round High Round	Flat Round High Round	Flat Round High Round
Terminal Type	Pin Terminal(1.8×0.4mm)	Pin Terminal(1.8×0.4mm)	Pin Terminal(1.8×0.4mm)
Switching	C(single-break fast-motion changeover contact)	C(single-break fast-motion changeover contact)	C(single-break fast-motion changeover contact)
Max. Switch Rating	Ith:3A Ui:250VAC	Ith:3A Ui:250VAC	Ith:3A Ui:250VAC
Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ
Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ
Dielectric Intensity	2000VAC	2000VAC	2000VAC
Operating Temp	-20℃ ~ +55℃	-20℃ ~ +55℃	-20℃ ~ +55℃
Mechanical Life	200,000 cycles	200,000 cycles	200,000 cycles
Electrical Life	50,000 cycles	50,000 cycles	50,000 cycles
Panel Thickness	1 ~ 10mm	1 ~ 10mm	1 ~ 10mm
Torque	5 ~ 14Nm	5 ~ 14Nm	5 ~ 14Nm
Operation Pressure	2.5~4N	2.5~4N	2.5~4N
Operation Travel	About 2.8mm	About 2.8mm	About 2.8mm
IP Degree	IP40/IP67,IK09	IP40/IP67,IK09	IP40/IP67,IK09
Material	Contact	Silver Alloy	Silver Alloy
	Button	Stainless Steel/Nickel Plated Brass	Stainless Steel/Nickel Plated Brass
	Body	Stainless Steel/Nickel Plated Brass	Stainless Steel/Nickel Plated Brass
	Base	PBT	PBT
	RoHS	Made to order	Made to order
LED Spec.	Type	Without Lamp	Dot Illuminated(LED)
	Rated Voltage	—	6V / 12V / 24V / 110V / 220V
	Color	—	<span style="color:red">R</span> <span style="color:green">G</span> <span style="color:yellow">Y</span> <span style="color:orange">O</span> <span style="color:blue">B</span> <span style="border:1px solid black; padding:0 2px;">W</span>
	Life	—	40000 hours