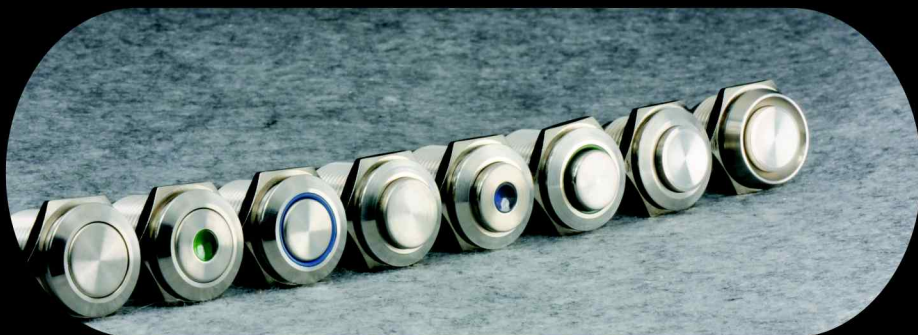


ONPOW



LAS2GQ Series

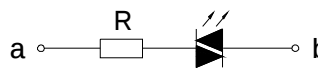


Part-number Description >>

LAS2	GQ	★	—	□	■	◇	/	△	/	▲	/	◎	/	☆
Code of series	Code name	The front shape F Flat Round H High Round C Concave Round G High Concave Round	Contact structure: 11 1NO1NC 22 2NO2NC	Operation mode: Z Latching type No letter means momentary	Lamp type D Dot E Ring	Lamp color and colorized button R Red G Green Y Yellow O Orange B Blue W White	Lamp voltage: AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 110V AC/DC 220V Note: Other voltage can be made to order	The crust material: N Nickel-plated Brass S Stainless steel	IP degree FP IP67 No letter means IP40 Pls check the detailed IP degree from P37					

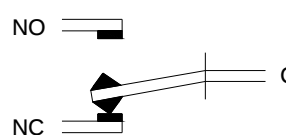
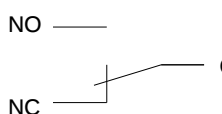
Note: Pls read the catalog carefully ,and choose the right part - number according to the sign.

Lamp Ratings >>

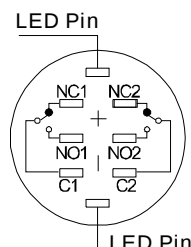
Lamp Type	LED lamp(AC/DC)			Lamp Circuit Diagram	 ⦿ Using AC/DC LED lamp, the terminals have no difference of anode and cathode: ⦿ Using inner resistance for the lamp below 60V. Using 6V lamp when the lamp voltage is above 60V, and need connect outer dropping resistance.
LED Color	RGYOBW				
Life	40000 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		

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.

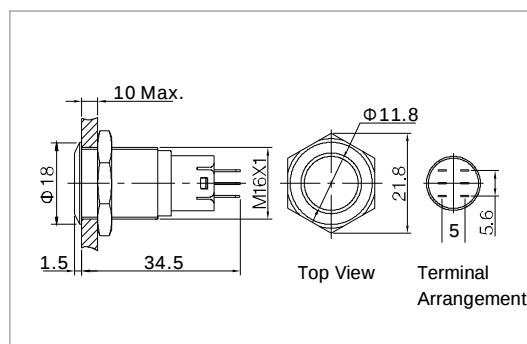
Installation Effect >>



Metal push button



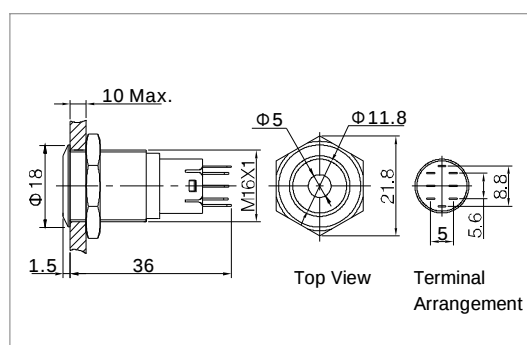
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Flat Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ IP Degree: IP40/IP67, IK09



Metal dot illuminated push button



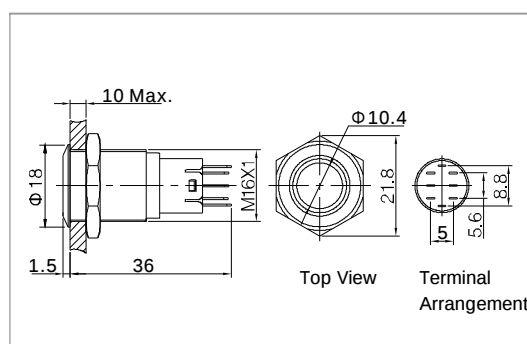
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Flat Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ Dot Illuminated
- ⊙ IP Degree: IP40/IP67, IK09



Metal ring illuminated push button



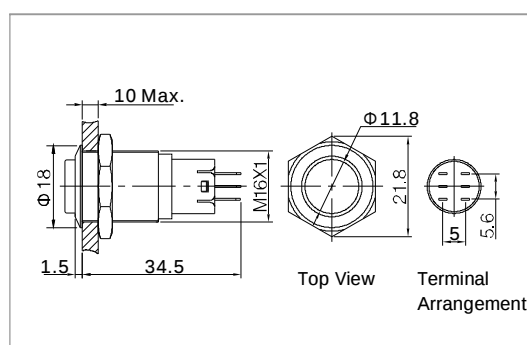
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Flat Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ Ring Illuminated
- ⊙ IP Degree: IP40/IP67, IK09



Metal push button



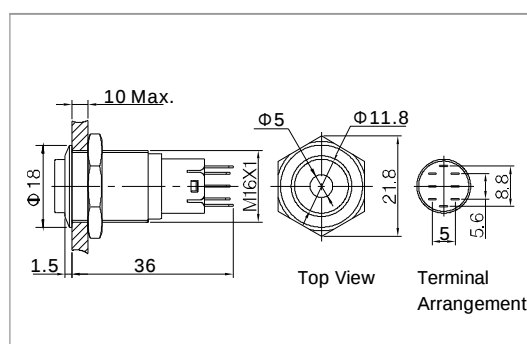
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: High Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ IP Degree: IP40/IP67, IK09



Metal dot illuminated push button



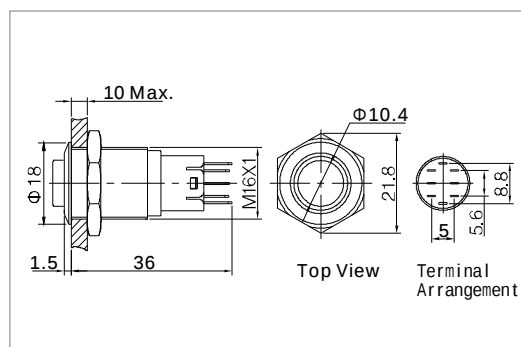
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: High Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ Dot Illuminated
- ⊙ IP Degree: IP40/IP67, IK09



Metal ring illuminated push button



- ◎ Φ 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

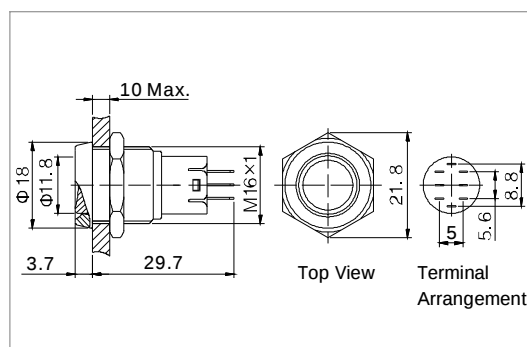


Specification		LAS2GQF-□■/◎/☆ LAS2GQH-□■/◎/☆	LAS2GQF-□■D/△/▲/◎/☆ LAS2GQH-□■D/△/▲/◎/☆	LAS2GQF-□■E/△/▲/◎/☆ LAS2GQH-□■E/△/▲/◎/☆
The Front Shape		Flat Round High Round	Flat Round High Round	Flat Round High Round
Terminal Type		Pin Terminal(1.8×0.4mm)	Pin Terminal(1.8×0.4mm)	Pin Terminal(1.8×0.4mm)
Switching		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	Silver Alloy
	Button	Stainless Steel/Nickel Plated Brass	Stainless Steel/Nickel Plated Brass	Stainless Steel/Nickel Plated Brass
	Body	Stainless Steel/Nickel Plated Brass	Stainless Steel/Nickel Plated Brass	Stainless Steel/Nickel Plated Brass
	Base	PBT	PBT	PBT
LED Spec.	RoHS	Made to order	Made to order	Made to order
	Type	Without Lamp	Dot Illuminated(LED)	Ring Illuminated(LED)
	Rated Voltage	—	6V / 12V / 24V / 110V / 220V	6V / 12V / 24V / 110V / 220V
	Color	—	R G Y O B W	R G Y O B W
Life		—	40000 hours	40000 hours

Anti-vandal metal push button



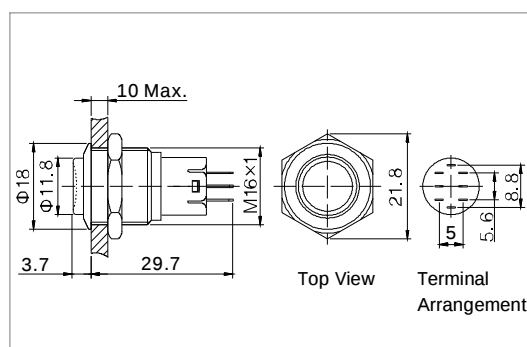
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Concave Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ IP Degree: IP40/IP67, IK10



Anti-vandal metal push button



- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: High Concave Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ IP Degree: IP40/IP67, IK09
- ⊙ Head Color: R/G/Y/O/B/W/N



Specification		LAS2GQC-□■/○/☆	LAS2GQG-□■/△/○/☆
The Front Shape		Concave Round	High Concave Round
Terminal Type		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)
Max. Switch Rating		Ith:3A Ui:250VAC	Ith:3A Ui:250VAC
Contact Resistance		≤50mΩ	≤50mΩ
Insulation Resistance		≥1000MΩ	≥1000MΩ
Dielectric Intensity		2000VAC	2000VAC
Operating Temp		-20℃ ~ +55℃	-20℃ ~ +55℃
Mechanical Life		200,000 cycles	200,000 cycles
Electrical Life		50,000 cycles	50,000 cycles
Panel Thickness		1~10mm	1~10mm
Torque		5~14Nm	5~14Nm
Operation Pressure		2.5~4N	2.5~4N
Operation Travel		About 2.8mm	About 2.8mm
IP Degree		IP40/IP67,IK10	IP40/IP67,IK09
Head Color		Machine brushed	R G Y O B W N
Material	Contact	Silver Alloy	Silver Alloy
	Button	Stainless Steel/Nickel Plated Brass	Zn - Al Alloy
	Body	Stainless Steel/Nickel Plated Brass	Stainless Steel/Nickel Plated Brass
	Base	PBT	PBT
RoHS		Made to order	Made to order