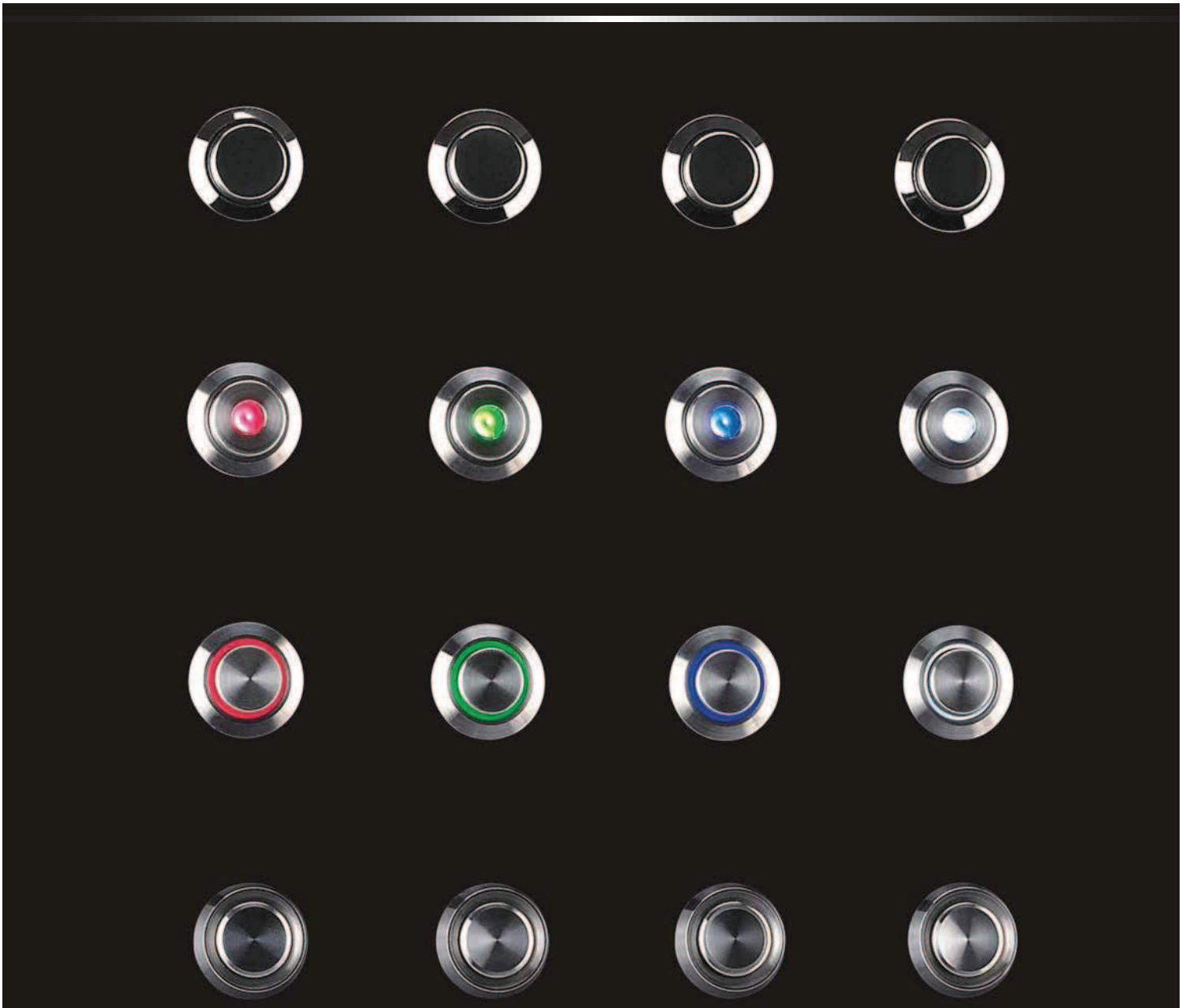
ONPOW





LAS2GQ Series

Part-number Description >>

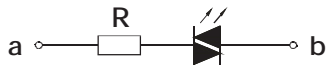
LAS2 GQ ★ – □ ■ ◇ / △ / ▲ / ◎ / ☆									
Code of series	Code name	The front shape F Flat Round H High Round C Concave Round G High Concave Round	Contact structure: 11 1NO1NC 22 2NO2NC	Operation mode: Z Latching type No letter means momentary	Lamp type D Dot E Ring	Lamp color and colorized button R 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)		
LED Color	R G Y O B W		
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

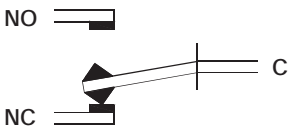
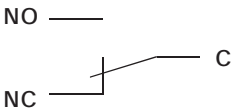
Lamp Circuit Diagram



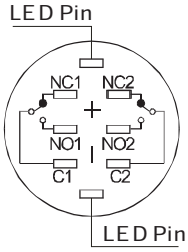
- Using AC/DC LED lamp, the terminals have no difference of anode and cathode:
- Using inner resistance for the lamp below 60V. Using 6V lamp when the lamp voltage is above 60V,and need connect outer dropping resistance.

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.

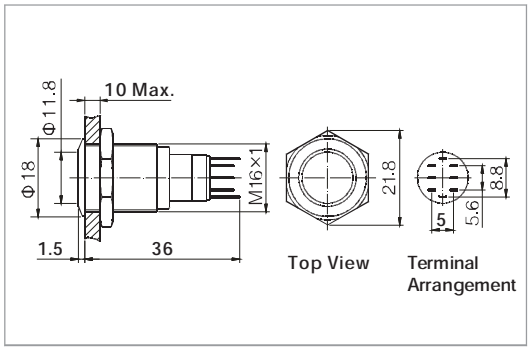
Installation Effect >>



Metal push button



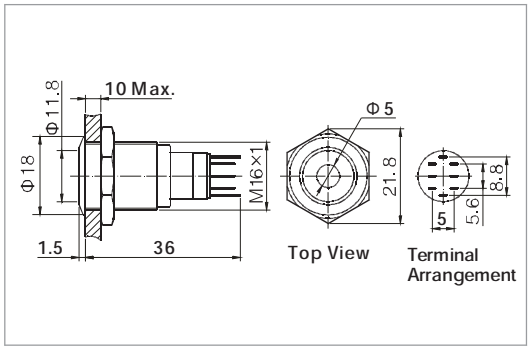
- Φ16mm Diameter
- Switch Rating: 3A/250VAC
- Contact Configuration: 1NO1NC/2NO2NC
- Operation Type: Momentary/Latching
- The Front Shape: Flat Round
- The Crust Material: Stainless Steel/ Nickel Plated Brass
- IP Degree:IP40/IP67, IK09



Metal dot illuminated push button



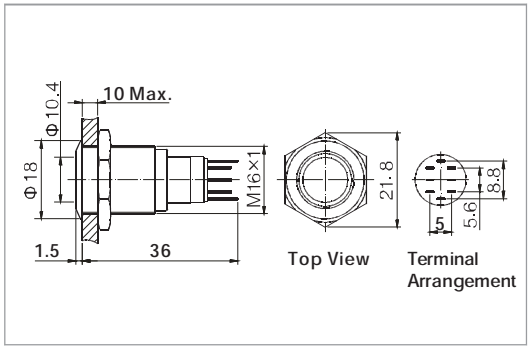
- Φ16mm Diameter
- Switch Rating: 3A/250VAC
- Contact Configuration: 1NO1NC/2NO2NC
- Operation Type: Momentary/Latching
- The Front Shape: Flat Round
- The Crust Material: Stainless Steel/ Nickel Plated Brass
- Dot Illuminated
- IP Degree:IP40/IP67, IK09



Metal ring illuminated push button



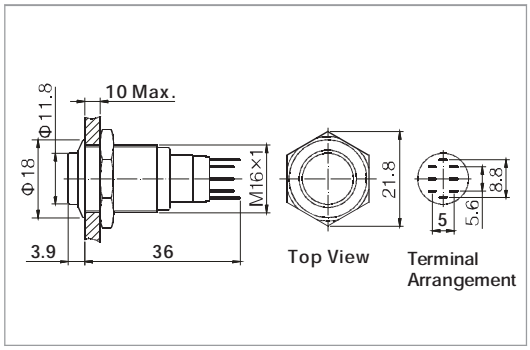
- Φ16mm Diameter
- Switch Rating: 3A/250VAC
- Contact Configuration: 1NO1NC/2NO2NC
- Operation Type: Momentary/Latching
- The Front Shape: Flat Round
- The Crust Material: Stainless Steel/ Nickel Plated Brass
- Ring Illuminated
- IP Degree:IP40/IP67, IK09



Metal push button



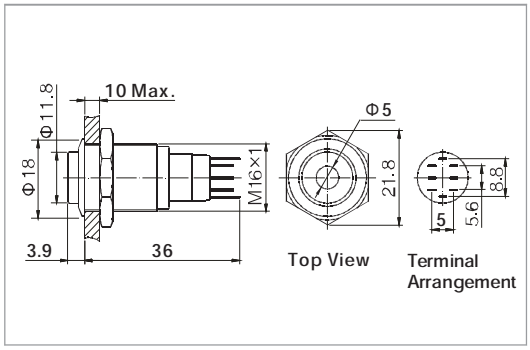
- Φ16mm Diameter
- Switch Rating: 3A/250VAC
- Contact Configuration: 1NO1NC/2NO2NC
- Operation Type: Momentary/Latching
- The Front Shape: High Round
- The Crust Material: Stainless Steel/ Nickel Plated Brass
- IP Degree:IP40/IP67, IK09



Metal dot illuminated push button



- Φ16mm 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

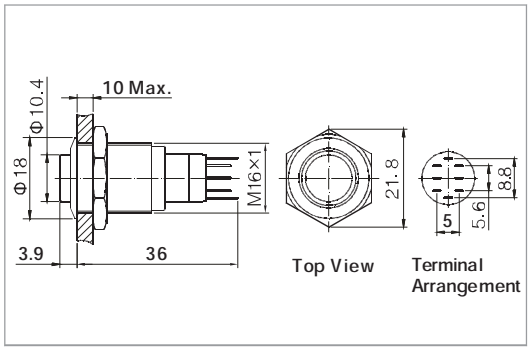


Check the detailed part number from P14

Metal ring illuminated push button



- Φ16mm 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

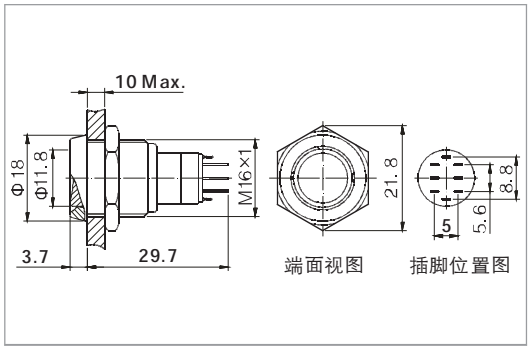


Specification		LAS2GQF-□■/◎/☆ LAS2GQH-□■/◎/☆	LAS2GQF-□■D/△/▲/◎/☆ LAS2GQH-□■D/△/▲/◎/☆	LAS2GQF-□■E/△/▲/◎/☆ LAS2GQH-□■E/△/▲/◎/☆
The Front Shape		Flat Round High Round	Flat Round High Round	Flat Round High Round
Terminal Type		Pin Terminal(1.8×0.4mm)	Pin Terminal(1.8×0.4mm)	Pin Terminal(1.8×0.4mm)
Switching		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
	RoHS	Made to order	Made to order	Made to order
LED Spec.	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



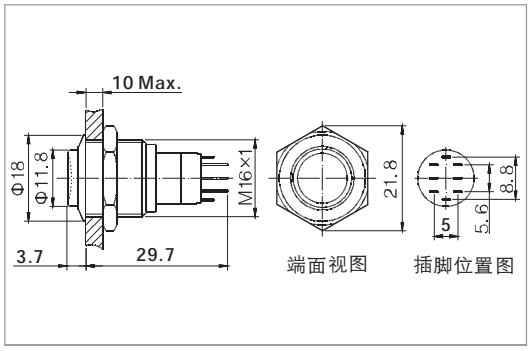
- Φ16mm Diameter
- Switch Rating: 3A/250VAC
- Contact Configuration: 1NO1NC/2NO2NC
- Operation Type: Momentary/Latching
- The Front Shape: Concave Round
- The Crust Material: Stainless Steel/ Nickel Plated Brass
- IP Degree:IP67, IK10



Anti-vandal metal push button



- Φ16mm 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: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