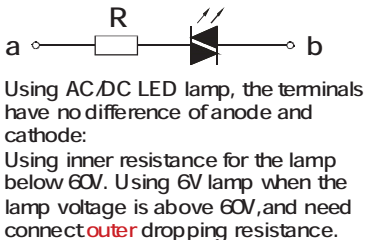


Part-number Description >>

LAS 2	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					

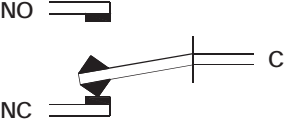
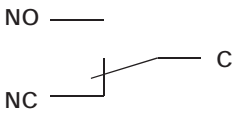
Note: Pls read the catalog carefully, and choose the right part-number according to the sign.

Lamp Ratings >>

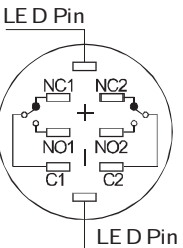
Lamp Type	LED lamp (AC/DC)			Lamp Circuit Diagram	
LED Color	RGYOBW				
Life	40000 hours (Reference)				
Rated Voltage	AC/DC6V	AC/DC12V	AC/DC110V		
	AC/DC24V	AC/DC36V	AC/DC220V		
Rated Current	About 15mA		About 3mA		
Dropping Way	Inner resistance		Outer resistance when using 6V lamp		

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.

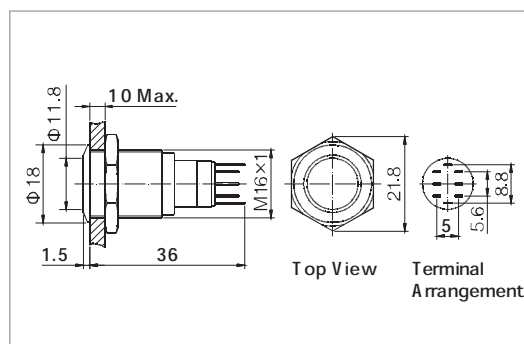
Installation Effect >>



Metal push button



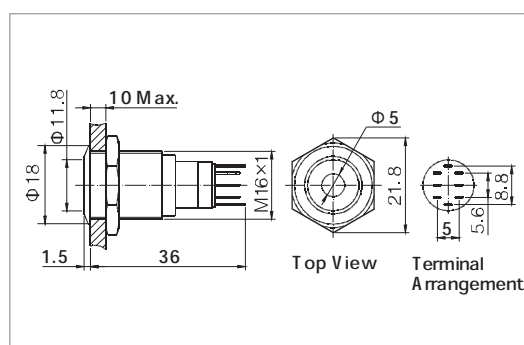
- ⊙ $\Phi 16$ mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Flat Round
- ⊙ The Crust Material: Stainless Steel/Nickel Plated Brass
- ⊙ IP Degree: IP 40/IP 67, IK 09



Metal dot illuminated push button



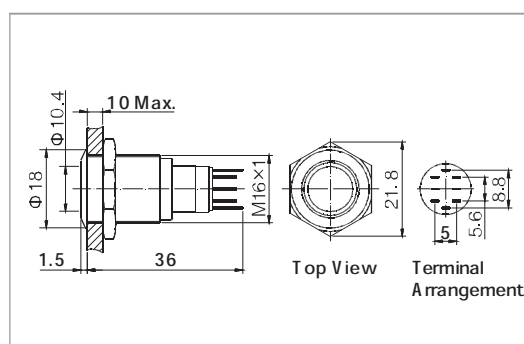
- ⊙ $\Phi 16$ mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Flat Round
- ⊙ The Crust Material: Stainless Steel/Nickel Plated Brass
- ⊙ Dot Illuminated
- ⊙ IP Degree: IP 40/IP 67, IK 09



Metal ring illuminated push button



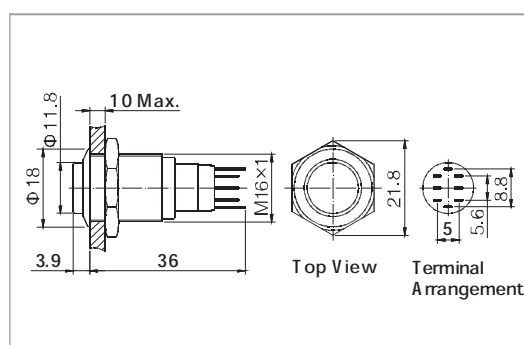
- ⊙ $\Phi 16$ mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Flat Round
- ⊙ The Crust Material: Stainless Steel/Nickel Plated Brass
- ⊙ Ring Illuminated
- ⊙ IP Degree: IP 40/IP 67, IK 09



Metal push button



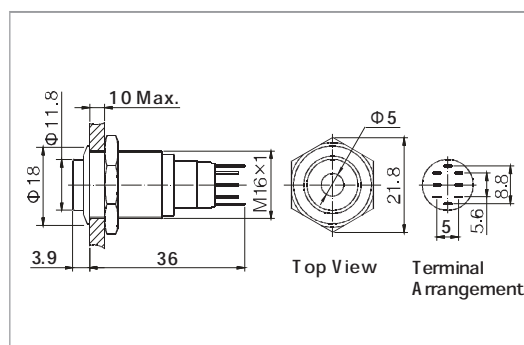
- ⊙ $\Phi 16$ mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: High Round
- ⊙ The Crust Material: Stainless Steel/Nickel Plated Brass
- ⊙ IP Degree: IP 40/IP 67, IK 09



Metal dot illuminated push button



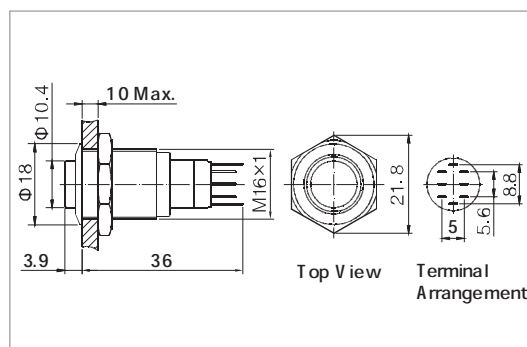
- ⊙ $\Phi 16$ mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: High Round
- ⊙ The Crust Material: Stainless Steel/Nickel Plated Brass
- ⊙ Dot Illuminated
- ⊙ IP Degree: IP 40/IP 67, IK 09



Metal ring illuminated push button



- ⊙ $\Phi 16$ mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO 1NC / 2NO 2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: High Round
- ⊙ The Contact Material: Stainless Steel/ Nickel Plated Brass
- ⊙ Ring Illuminated
- ⊙ IP Degree: IP 40/IP 67, IK 09

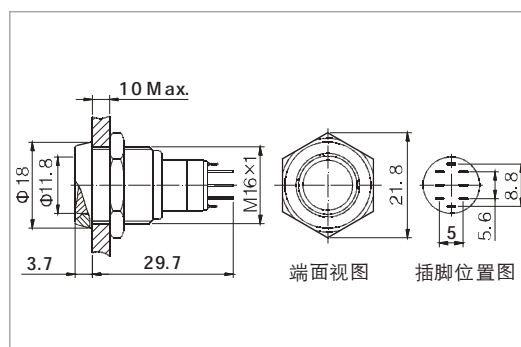


Specification	LAS 2G QF- □■/◎/☆ LAS 2G QH- □■/◎/☆	LAS 2G QF- □■D/△/▲/◎/☆ LAS 2G QH- □■D/△/▲/◎/☆	LAS 2G QF- □■E/△/▲/◎/☆ LAS 2G QH- □■E/△/▲/◎/☆
The Front Shape	Flat Round High Round	Flat Round High Round	Flat Round High Round
Terminal Type	Pin Terminal (1.8 × 0.4mm)	Pin Terminal (1.8 × 0.4mm)	Pin Terminal (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 U _i : 250VAC	Ith: 3A U _i : 250VAC	Ith: 3A U _i : 250VAC
Contact Resistance	≤ 50mΩ	≤ 50mΩ	≤ 50mΩ
Insulation Resistance	≥ 1000MΩ	≥ 1000MΩ	≥ 1000MΩ
Dielectric Intensity	2000VAC	2000VAC	2000VAC
Operating Temp	- 20°C ~ + 55°C	- 20°C ~ + 55°C	- 20°C ~ + 55°C
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 ~ 14N·m	5 ~ 14N·m	5 ~ 14N·m
Operation Pressure	2.5 ~ 4N	2.5 ~ 4N	2.5 ~ 4N
Operation Travel	About 2.8mm	About 2.8mm	About 2.8mm
IP Degree	IP 40/IP 67, IK 09	IP 40/IP 67, IK 09	IP 40/IP 67, IK 09
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
LED Spec.	RoHS	Made to order	Made to order
	Type	Without Lamp	Dot Illuminated (LED)
	Rated Voltage	—	6V / 12V / 24V / 110V / 220V
	Color	—	R G Y O B W
LED Spec.	Life	—	40000 hours

Anti-vandal metal push button



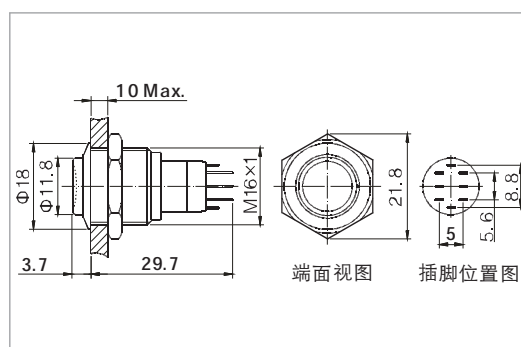
- ◎ $\Phi 16$ mm Diameter
- ◎ Switch Rating: 3A/250VAC
- ◎ Contact Configuration: 1NO 1NC / 2NO 2NC
- ◎ Operation Type: Momentary/Latching
- ◎ The Front Shape: Concave Round
- ◎ The Rust Material: Stainless Steel/ Nickel Plated Brass
- ◎ IP Degree: IP 67, IK 10



Anti-vandal metal push button



- ◎ $\Phi 16$ mm Diameter
- ◎ Switch Rating: 3A/250VAC
- ◎ Contact Configuration: 1NO 1NC / 2NO 2NC
- ◎ Operation Type: Momentary/Latching
- ◎ The Front Shape: High Concave Round
- ◎ The Rust Material: Stainless Steel/ Nickel Plated Brass
- ◎ IP Degree: IP 67, IK 09
- ◎ Head Color: R / G / Y / O / B / W / N



Specification		LAS 2G QC- □ ■ / ◎ / ☆	LAS 2G QG- □ ■ / △ / ◎ / ☆
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		I _{th} : 3A U _i : 250VAC	I _{th} : 3A U _i : 250VAC
Contact Resistance		≤ 50mΩ	≤ 50mΩ
Insulation Resistance		≥ 1000MΩ	≥ 1000MΩ
Dielectric Intensity		2000VAC	2000VAC
Operating Temp		- 20°C ~ + 55°C	- 20°C ~ + 55°C
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		IP 40/IP 67, IK 10	IP 40/IP 67, IK 09
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