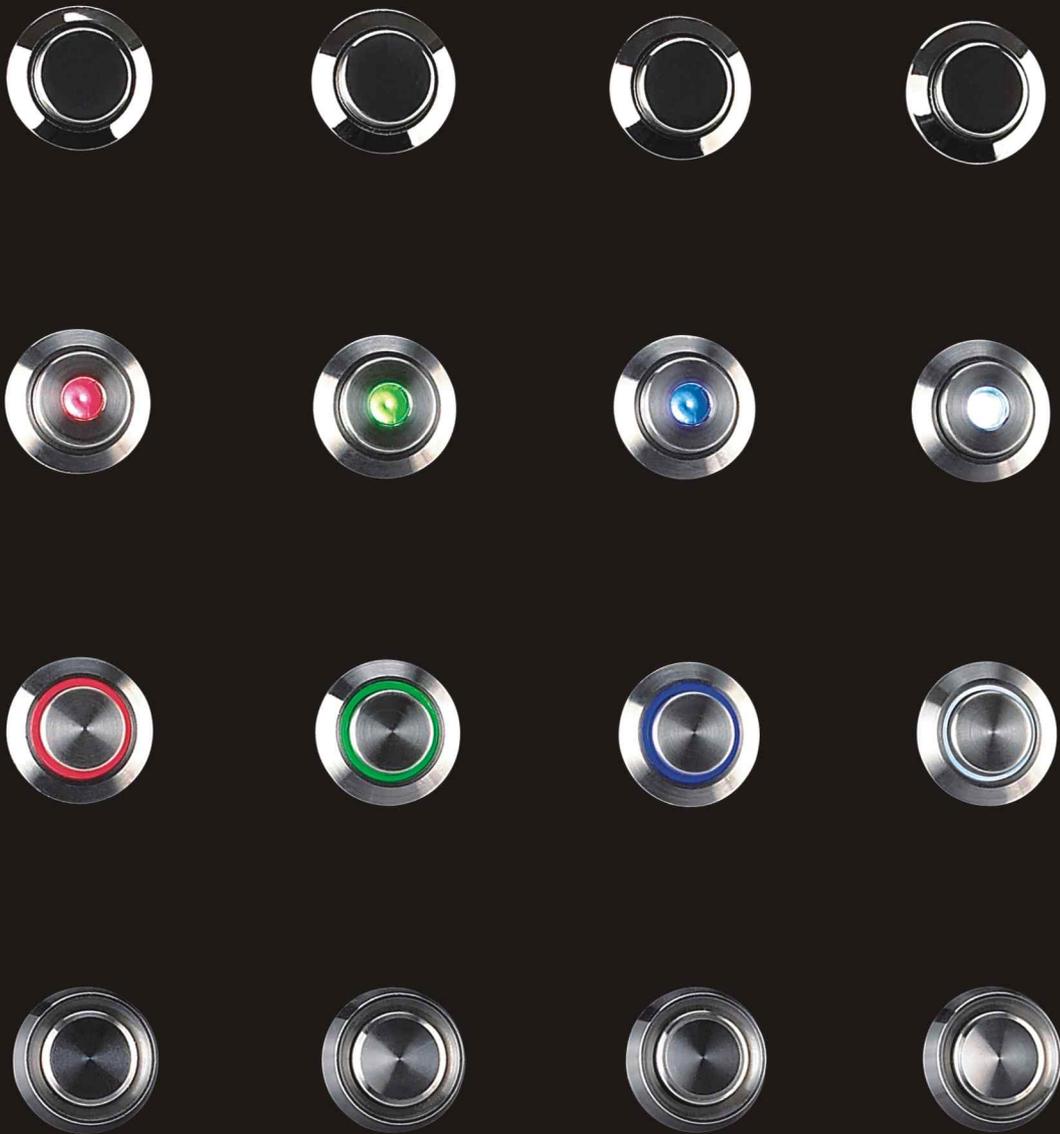


ONPOW



LAS2GQ Series

Part-number Description >>

| LAS2 | GO | ★ | - | □ | ■ | ◇ | / | △ | / | ▲ | / | ◎ | / | ☆ |
|----------------|-----------|----------------------|--------------------|---------------------------|-----------|-------------------------------|-------------------------------------------------|---------------------|--------------------------------------------------|---|---|---|---|---|
| Code of series | Code name | The front shape | Contact structure: | Operation mode: | Lamp type | Lamp color and colored 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 | Pls check the detailed IP degree from P37 | | | | | |
| | | G High Concave Round | | | | O Orange | AC/DC 110V | | | | | | | |
| | | | | | | B Blue | AC/DC 220V | | | | | | | |
| | | | | | | W White | Note: Other voltage can be made to order | | | | | | | |

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 | 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 | |

- ⊙ 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.

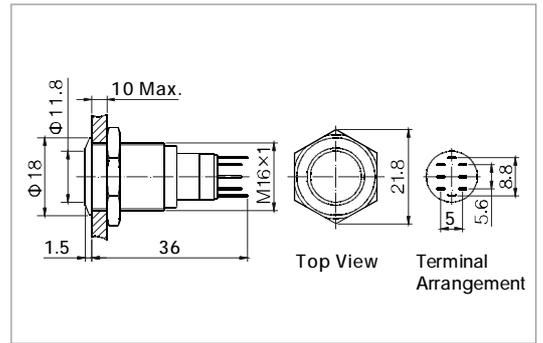
Installation Effect >>



Metal push button



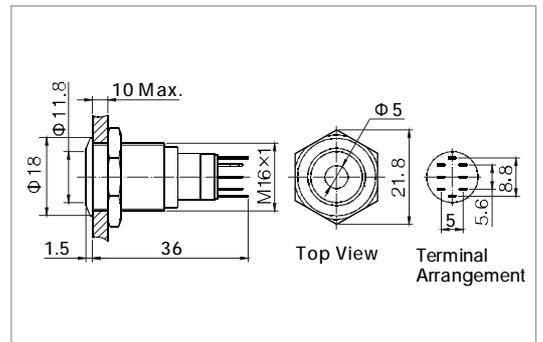
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Flat Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ IP Degree: IP40/IP67, IK09



Metal dot illuminated push button



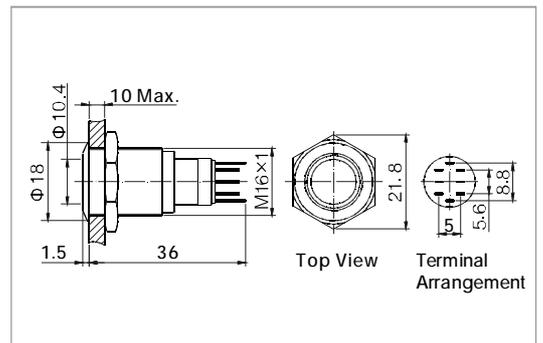
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Flat Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ Dot Illuminated
- ⊙ IP Degree: IP40/IP67, IK09



Metal ring illuminated push button



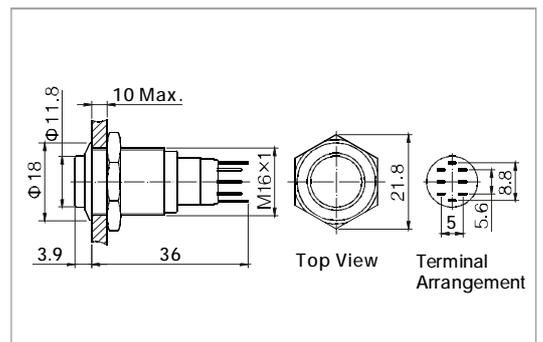
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Flat Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ Ring Illuminated
- ⊙ IP Degree: IP40/IP67, IK09



Metal push button



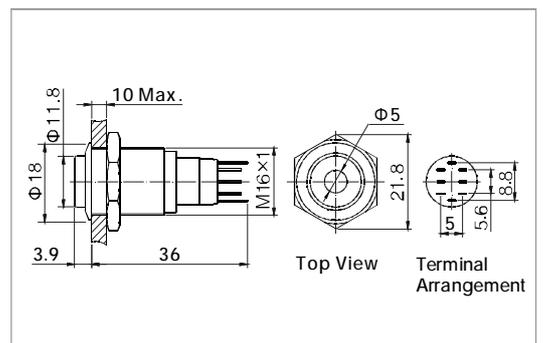
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: High Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ IP Degree: IP40/IP67, IK09



Metal dot illuminated push button



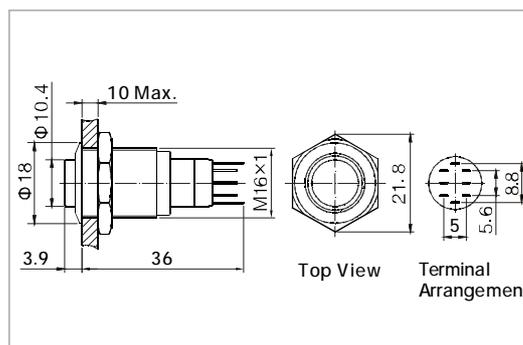
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: High Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ Dot Illuminated
- ⊙ IP Degree: IP40/IP67, IK09



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

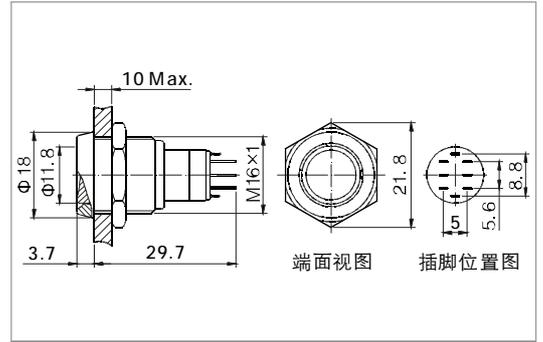


| Specification | LAS2GQF-□■/◎/☆ LAS2GQH-□■/◎/☆ | LAS2GQF-□■D/△/▲/◎/☆ LAS2GQH-□■D/△/▲/◎/☆ | LAS2GQF-□■E/△/▲/◎/☆ LAS2GQH-□■E/△/▲/◎/☆ |
|-----------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| | 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 | Type | Without Lamp | Dot Illuminated(LED) |
| | Rated Voltage | --- | 6V / 12V / 24V / 110V / 220V |
| Spec. | Color | --- | R G Y O B W |
| | Life | --- | 40000 hours |

Anti-vandal metal push button



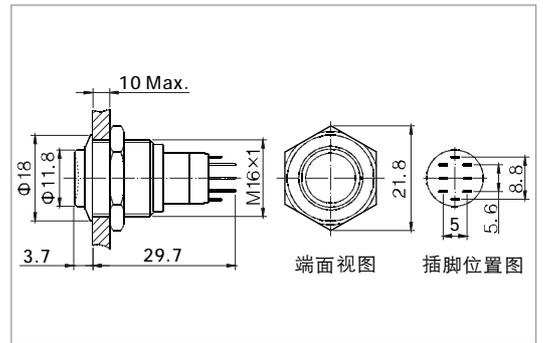
- ⊙ Φ 16mm Diameter
- ⊙ Switch Rating: 3A/250VAC
- ⊙ Contact Configuration: 1NO1NC/2NO2NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Front Shape: Concave Round
- ⊙ The Crust Material: Stainless Steel/ Nickel Plated Brass
- ⊙ IP Degree: IP67, IK10



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: 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 |
| | Button | Stainless Steel/Nickel Plated Brass |
| | Body | Stainless Steel/Nickel Plated Brass |
| | Base | PBT |
| | RoHS | Made to order |
| | | Made to order |