



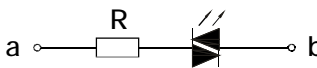
LAS1GQ Series

Part-number Description >>

LAS1	GQ	—	□	■	/	◇	/	○	/	△	/	▲
Code of series	Code name	Contact structure: 11 1NO1NC	Operation mode Z Latching type Y key-lock type No letter means momentary	Lamp type D Dot E Ring	Connect type L Screw terminal No letter means pin terminal	Lamp color 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					

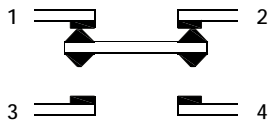
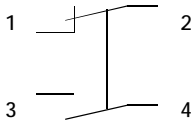
**Note:** Pls read the catalog carefully ,and choose the right part-number according to the sign.

Lamp Ratings >>

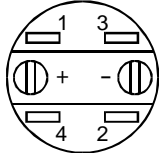
Lamp Type	LED lamp(AC/DC)			Lamp Circuit Diagram	<div></div> <p>Using AC/DC LED lamp, the terminals have no difference of anode and cathode; Using inner resistance, do not need connect outer resistance.</p>
Rated Voltage	AC/DC6V	AC/DC12V	AC/DC110V		
	AC/DC24V	AC/DC36V	AC/DC220V		
Rated Current	About 15mA		About 3mA		
LED Color	<div><div>R</div><div>G</div><div>Y</div><div>O</div><div>B</div><div>W</div></div>				
Life	40000 hours(Reference)				

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

Switching Operation >>

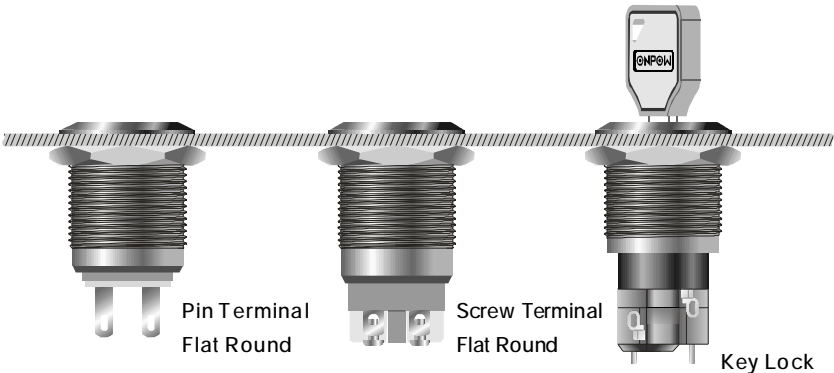
Type	Za
Diagram	
Sign	
Explanation	Using four terminals, double-break and fast-motion changeover contact.

Terminal Description >>



1,2 are normal closed(NC)  
3,4 are normal opened(NO)  
+、- are lamp terminals, the standard LED terminals 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.

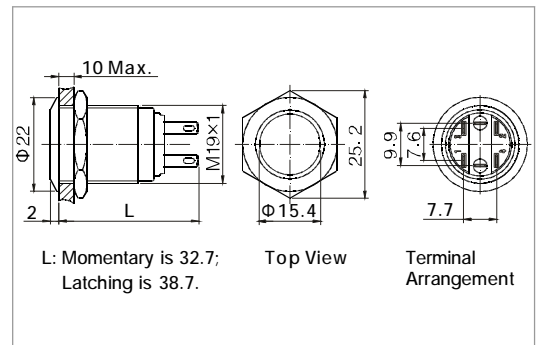
Installation Effect >>



## Anti-vandal push button



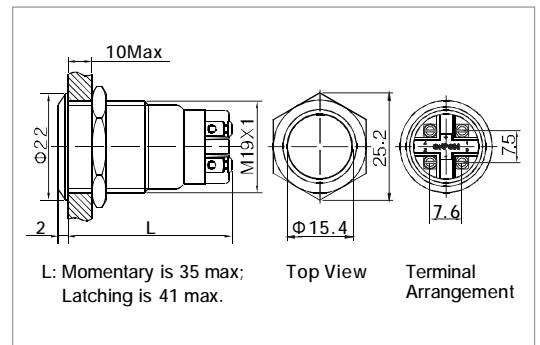
- ⊙ Φ19mm Diameter
- ⊙ Switch Rating: 5A/250VAC
- ⊙ Contact Configuration:1NO1NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Crust Material: Stainless Steel
- ⊙ IP Degree:IP65(IP67 Made to order), IK09



## Anti-vandal push button



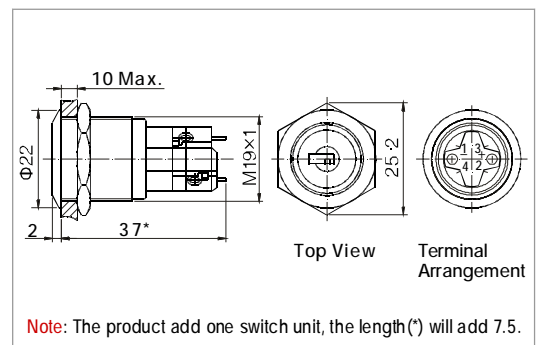
- ⊙ Φ19mm Diameter
- ⊙ Switch Rating: 5A/250VAC
- ⊙ Contact Configuration:1NO1NC
- ⊙ Operation Type: Momentary/Latching
- ⊙ The Crust Material: Stainless Steel
- ⊙ IP Degree:IP65(IP67 Made to order), IK09



## Metal key lock switch



- ⊙ Φ19mm Diameter
- ⊙ Switch Rating: 5A/250VAC
- ⊙ Contact Configuration:1NO1NC/ 2NO2NC
- ⊙ Two Position Maintain
- ⊙ The Crust Material: Stainless Steel
- ⊙ IP Degree:IP40, IK 02



Specification		LAS1GQ-11■	LAS1GQ-11■/L	LAS1GQ-□Y/2
The Front Shape		Flat Round	Flat Round	Round
Terminal Type		Pin Terminal(2.8×0.5mm)	Screw Terminal	Weld Terminal
Switching		Za (double-break fast-motion changeover contact)	Za (double-break fast-motion changeover contact)	Za (double-break fast-motion changeover contact)
Max. Switch Rating		Ith:5A Ui:250VAC	Ith:5A Ui:250VAC	Ith:5A 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		1,000,000 cycles	1,000,000 cycles	500,000 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		About 4N	About 4N	—
Operation Travel		About 2.5mm	About 2.5mm	90° two position maintain
IP Degree		IP65(IP67 Made to order),IK09	IP65(IP67 Made to order),IK09	IP40,IK02
Material	Contact	Silver Alloy	Silver Alloy	Silver Alloy
	Button	Stainless Steel	Stainless Steel	Zn-Al Alloy
	Body	Stainless Steel	Stainless Steel	Stainless Steel
	Base	PC	PA	Bakelite
	RoHS	Made to order	Made to order	Made to order