















# LAS1GQ Series

### Part-number Description >>

LAS1	GQ	- 0		/ 🔷 /	O /	Δ	/
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

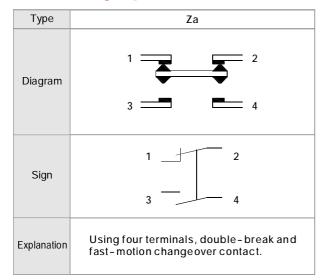
Note: PIs read the catalog carefully ,and choose the right part-number according to the sign.

## Lamp Ratings >>

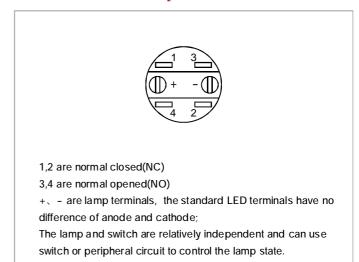
Lamp Type LED lamp(AC/DC)					
Rated Voltage	AC/DC6V	AC/DC12V	AC/DC110V	Lamp	a R // ■ h
Rated Voltage	AC/DC24V	AC/DC36V	AC/DC220V	Circuit	
Rated Current	About 15mA About 3mA			Diagram	Using AC/DC LED lamp, the terminals have
LED Color R G Y O B W					no difference of anode and cathode; Using inner resistance, do not need connect
Life	4	0000 hours (Reference		outer resistance.	

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

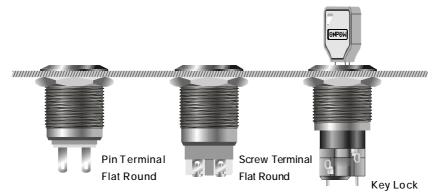
#### Switching Operation >>



## Terminal Description >>



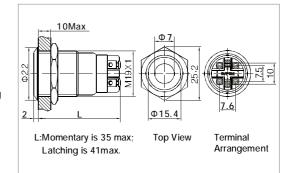
### Installation Effect >>



#### Anti-vandal dot illuminated push button



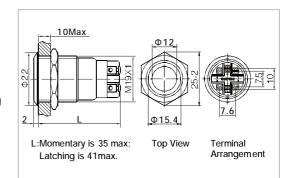
- Φ 19mm Diameter
- Switch Rating: 5A/250VAC
- Ontact Configuration: 1NO1NC
- Operation Type: Momentary/Latching
- The Crust Material: Stainless Steel
- Dot Illuminated
- IP Degree: IP65(IP67 Made to order), IK09



#### Anti-vandal ring illuminated push button



- Φ 19mm Diameter
- Switch Rating: 5A/250VAC
- Ontact Configuration: 1NO1NC
- Operation Type: Momentary/Latching
- The Crust Material: Stainless Steel
- Ring Illuminated
- IP Degree: IP65(IP67 Made to order), IK09



SpecificationLAST GQ-11D/L/A/ALAST GQ-11E/L/A/AThe Front ShapeFiat RoundFiat RoundTherminal TypeScrew TerminalScrew TerminalSwitchingZa(double-break fast-motion changeover contact)Za(double-break fast-motion changeover contact)Max. Switch RatingIth:SA UI:250VACIth:SA UI:250VACContact Resistance≤50m Q≤50m QInsulation Resistance≥1000MQ≥1000MQDieletric Intensity2000VAC2000VACOperating Temp-20°C - +55°C-20°C - +55°CMetrial1,000,000 cycles1,000,000 cyclesElectrical Life50,000 cycles50,000 cyclesPanel Thickness1 ~10mm1 ~10mmTorquerererererererererererererererererere	•				
Terminal TypeScrew TerminalScrew TerminalSwitchingZa(double-break fast-motion changeover contact)Za(double-break fast-motion changeover contact)Max. Switch RatingIth:SA Ui:250VACIth:SA Ui:250VACContat Resistance<50m Ω	Specification		LAS1GQ-11D/L/△/▲	LAS1GQ-11E/L/△/▲	
SwitchingZa(double-break fast-motion changeover contact)Za(double-break fast-motion changeover contact)Max. Switch RatingIth:SA Ui:250VACIth:SA Ui:250VACContact Resistance≤50m Ω≤50m ΩInsulation Resistance≥1000MΩ≥1000MΩDielectric Intensity2000VAC2000VACOperating Temp-20°C ~ +55°C-20°C ~ +55°CMechanical Life1,000,000 cycles1,000,000 cyclesBickerst1~10mm1~10mmTorque5~14Nm5~14NmOperating Temp5~14NmAbout 4NOperating TemeHebst 2.5mmAbout 4NOperating TemeFof(IP67 Made to order),IK09IP65(IP67 Made to order),IK09IPbutContactSilver AlloySilver AlloyMaterialBodyStainless SteelStainless SteelBasePAPARoHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	The Front Shape		Flat Round	Flat Round	
Max. Switch RatingIth:SA Ui:250VACIth:SA Ui:250VACContact Resistance≤50m Ω≤50m ΩInsulation Resistance≥1000MΩ≥1000MΩDielectric Intensity2000VAC2000VACOperating Temp-20°C ~ +55°C-20°C ~ +55°CMechanical Life1,000,000 cycles1,000,000 cyclesElectrical Life50,000 cycles50,000 cyclesPanel Thickness1 ~ 10mm1 ~ 10mmTorque5 ~ 14Nm5 ~ 14NmOperating TravelAbout 4NAbout 4NOperation TravelAbout 2.5mmAbout 2.5mmIP DegreIP65(IP67 Made to order),IK09IP65(IP67 Made to order),IK09MaterialBodyStainless SteelBasePAPARoHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	Terminal Type		Screw Terminal	Screw Terminal	
Contact Resistance≤50m Ω≤50m ΩInsulation Resistance≥1000MΩ≥1000MΩDielectric Intensity2000 VAC2000VACOperating Temp-20°C ~ +55°C-20°C ~ +55°CMechanical Life1,000,000 cycles1,000,000 cyclesElectrical Life50,000 cycles50,000 cyclesPanel Thickness1~10mm1~10mmTorque5~14Nm5~14NmOperation PressureAbout 4NAbout 2.5mmHobut 2.5mmIP DeretorIP65(IP67 Made to order),IK09IP dottactSilver AlloySilver AlloySilver AlloyButtonStainless SteelBodyStainless SteelBasePAPAMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)Ring Illuminated(LED)	Switching		Za(double-break fast-motion changeover contact)	Za(double-break fast-motion changeover contact)	
Insulation Resistance>1000 MΩDielectric Intensity2000 VAC2000 VACOperating Temp-20°C ~ +55°C-20°C ~ +55°CMechanical Life1,000,000 cycles1,000,000 cyclesElectrical Life50,000 cycles50,000 cyclesPanel Thickness1~10mm1~10mmTorque5~14Nm5~14NmOperation PressureAbout 4NAbout 2.5mmAbout 2.5mmIP DegreeIP65(IP67 Made to order),IK09IP DegreeSilver AlloySilver AlloySilver AlloyButtonStainless SteelBasePAPATypeDot Illuminated(LED)Ring Illuminated(LED)Ring Illuminated(LED)	Max. Switch Rating		Ith:5A Ui:250VAC	Ith:5A Ui:250VAC	
Dielectric Intensity2000 VAC2000 VACOp ⊨ring Temp-20°C ~ +55°C-20°C ~ +55°CMechanical Life1,000,000 cycles1,000,000 cyclesBelectrical Life50,000 cycles50,000 cyclesPanel Thickness1 ~ 10mm1 ~ 10mmTorque5 ~ 14Nm5 ~ 14NmOp ⊨rin PressureAbout 4NAbout 4NOp ⊨rin TravelAbout 2.5mmAbout 2.5mmIP Define TravelSilver AlloySilver AlloyIP Define TravelStainless SteelStainless SteelButtonStainless SteelStainless SteelBasePAPARoHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	Contact Resistance		≤50m Ω	≤50mΩ	
Operating Temp-20°C ~ +55°C-20°C ~ +55°CMechanical Life1,000,000 cycles1,000,000 cyclesElectrical Life50,000 cycles50,000 cyclesPanel Thickness1~10mm1~10mmTorque5~14Nm5~14NmOperation PressureAbout 4NAbout 4NOperation TravelAbout 2.5mmAbout 2.5mmIP DegreeIP65(IP67 Made to order),IK09IP65(IP67 Made to order),IK09MaterialBodyStainless SteelBasePAPARoHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	Insula	ation Resistance	≥1000MΩ	≥1000MΩ	
Mecial Life1,000,000 cycles1,000,000 cyclesElectrical Life50,000 cycles50,000 cyclesPanel Thickness1~10mm1~10mmTorque5~14Nm5~14NmOperation PressureAbout 4NAbout 4NOperation TravelAbout 2.5mmAbout 2.5mmIP DegreeIP65(IP67 Made to order),IK09IP65(IP67 Made to order),IK09ButtonStainless SteelStainless SteelBodyStainless SteelStainless SteelBasePAPARoHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	Diele	ctric Intensity	2000 VAC	2000VAC	
Electrical Life50,000 cycles50,000 cyclesPanel Thickness1~10mm1~10mmTorque5~14Nm5~14NmOperation PressureAbout 4NAbout 4NOperation TravelAbout 2.5mmAbout 2.5mmIPDegreeIP65(IP67 Made to order),IK09IP65(IP67 Made to order),IK09MaterialBodyStainless SteelButtonStainless SteelStainless SteelBasePAPAROHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	Operating Temp		-20°C ∼ +55°C	- 20°C ∼ +55°C	
Panel Thickness1~10mm1~10mmTorque5~14Nm5~14NmOperation PressureAbout 4NAbout 4NOperation TravelAbout 2.5mmAbout 2.5mmIP DegreeIP 65(IP 67 Made to order),IK09IP 65(IP 67 Made to order),IK09IP battonSilver AlloySilver AlloyButtonStainless SteelStainless SteelBodyStainless SteelStainless SteelBasePAPAROHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	Mech	nanical Life	1,000,000 cycles	1,000,000 cycles	
Torque5~14Nm5~14NmOperation PressureAbout 4NAbout 4NOperation TravelAbout 2.5mmAbout 2.5mmIPDereeIP65(IP67 Made to order),IK09IP65(IP67 Made to order),IK09IP bereeSilver AlloySilver AlloyButtonStainless SteelStainless SteelBodyStainless SteelStainless SteelBasePAPAROHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	Electrical Life		50,000 cycles	50,000 cycles	
Operation PressureAbout 4NAbout 4NOperation TravelAbout 2.5mmAbout 2.5mmIPD restIP65(IP67 Made to order),IK09IP65(IP67 Made to order),IK09IPD restSilver AlloySilver AlloyButtonStainless SteelStainless SteelBodyStainless SteelStainless SteelBasePAPARoHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	Panel Thickness		1~10mm	1 ~ 10m m	
Operation TravelAbout 2.5mmAbout 2.5mmIP DegreeIP65(IP67 Made to order),IK09IP65(IP67 Made to order),IK09IP65(IP67 Made to order),IK09Silver AlloySilver AlloyButtonStainless SteelStainless SteelBodyStainless SteelStainless SteelBasePAPAROHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	Torque		5~14Nm	5 ~ 14Nm	
IP DegreeIP 65 (IP 67 Made to order), IK09IP 65 (IP 67 Made to order), IK09IP 0 contactSilver AlloySilver AlloyButtonStainless SteelStainless SteelBodyStainless SteelStainless SteelBasePAPAROHSMade to orderMade to orderTypeDot Illuminated (LED)Ring Illuminated (LED)	Operation Pressure		About 4N	About 4N	
ContactSilver AlloySilver AlloyButtonStainless SteelStainless SteelMaterialBodyStainless SteelStainless SteelBasePAPAROHSMade to orderMade to orderTypeDot Illuminated(LED)Ring Illuminated(LED)	Operation Travel		About 2.5mm	About 2.5mm	
Button Stainless Steel   Body Stainless Steel   Base PA   RoHS Made to order   Type Dot Illuminated(LED)	IP Degree		IP65(IP67 Made to order),IK09	IP65(IP67 Made to order), IK09	
Material     Body     Stainless Steel     Stainless Steel       Base     PA     PA       ROHS     Made to order     Made to order       Type     Dot Illuminated(LED)     Ring Illuminated(LED)		Contact	Silver Alloy	Silver Alloy	
Base PA   RoHS Made to order   Type Dot Illuminated(LED)		Button	Stainless Steel	Stainless Steel	
RoHS Made to order Made to order   Type Dot Illuminated(LED) Ring Illuminated(LED)	Material	Body	Stainless Steel	Stainless Steel	
Type Dot Illuminated(LED) Ring Illuminated(LED)		Base	РА	РА	
		RoHS	Made to order	Made to order	
LED Rated Voltage 6V/12V/24V/110V/220V 6V/12V/24V/110V/220V		Туре	Dot Illuminated(LED)	Ring Illuminated(LED)	
	LED	Rated Voltage	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V	
Spec. Color R G Y O B W R G Y O B W	Spec.	Color	R G Y O B W	R G Y O B W	
Life 40000 hours 40000 hours		Life	40000 hours	40000 hours	