

# LCA Series



## LCA Part-number Description

LCA★-11■◇/△/▲/S/

Symbol	Symbol name	Specify
★	Mounting hole	19 :Φ19mm / 22 :Φ22mm / 25 :Φ25mm / 30 :Φ30mm
11	Contact structure	11: 1NO1NC
	Operation type	No letter means momentary / Z(latching)
◇	Illumination	E: Ring / ET :Ring + power symbol / no letter means non-illumination
	LED color	R: Red / G: Green / Y: Yellow / B: Blue / W: White
	LED voltage	6V / 12V / 24V / 110V / 220V with internal resistor, Other voltage can be customized
	Housing material	S: stainless steel
	Protecting level	no letter means IP65 / FP: IP67

Note: please carefully read the specific description of the product and select the corresponding code in the table according to different symbols.

## Performance Characteristic

Operating temperature	-25 ~ +55 (no freezing ) keep the air flowing around illuminated push button
Operation Humidity	45 ~85%RH (no condensation )
Contact Resistor	50m
Insulation Resistor	100M (500VDC)
Maximum withstand voltage	1000VAC, 50Hz, 1min
Vibration Resistance	50Hz, Amplitude 1 2mm
Solder Heat Resistance	320 3s
Switch rating	15A 250VAC (Resistive load )
	10A 250VAC (inductive load )
	0.3A/250VDC (nductive load )
Mechanical Life	500K cycles
Electrical Life	50K cycles
Base material	PA
Nut Torque	Around 0.6Nm
Operation Pressure	Around 4N
Operation Travel	Around 2.5mm
Protecting level	IP65 Momentary type can be customized to IP67 )(K08

## LED Specifications

LED life	Current	Allowable voltage fluctuation range	Circuit diagram
≥ 40000 hours	≤ 24V about 15mA ≥ 110V about 2mA	DC: ± 10% AC: ± 20%	<p>The product has built-in protective resistance, and the lamp bead wiring has no distinction between positive and negative poles.</p>

## Switch Rating

Voltage(V)	Current(A)		Inductive load	
	Non electrical resistive load	LED load	Inductive load	Electromotor load
AC250	15	2	10	3
DC8	15	4	10	6
DC30	10	4	10	4
DC125	0.6	0.1	0.6	0.1
DC250	0.3	0.05	0.3	0.05

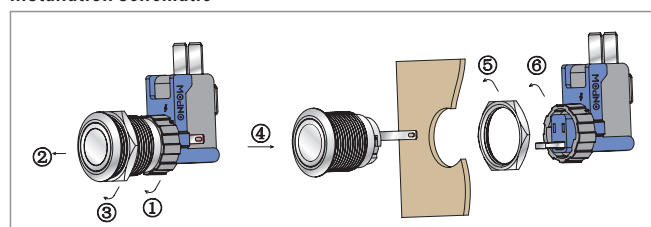
## Contact specification

Contact	style	rivet
	material alloy	silver
	interval	1mm
inrush current		Max 36A

## Contact structure type

Type	Diagram	sign
C		

## Installation schematic



# LCA19、22

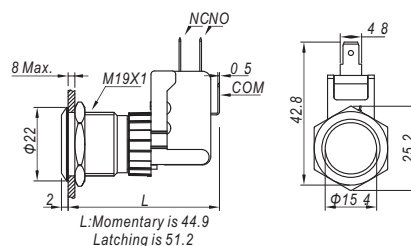
Φ 19、22mm Picture	Specifications	Dimensions
-------------------	----------------	------------



LCA19-11 ■ /S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)

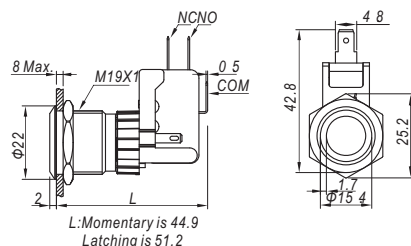
**Protection level** No letter means IP65 / FP: IP67 (only for momentary type)



LCA19-11 ■ E/△/▲/S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**LED color** R G Y B W  
**LED voltage** 6V / 12V / 24V / 110V / 220V  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)

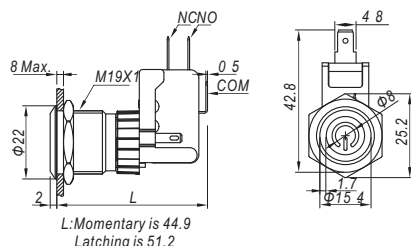
**Protection level** No letter means IP65 / FP: IP67 (only for momentary type)



LCA19-11 ■ ET/△/▲/S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**LED color** R G Y B W  
**LED voltage** 6V / 12V / 24V / 110V / 220V  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)

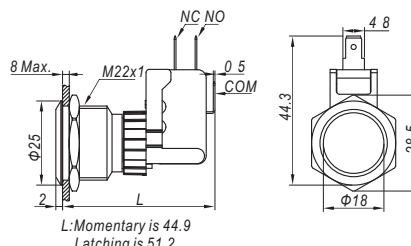
**Protection level** No letter means IP65 / FP: IP67 (only for momentary type)



LCA22-11 ■ /S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)

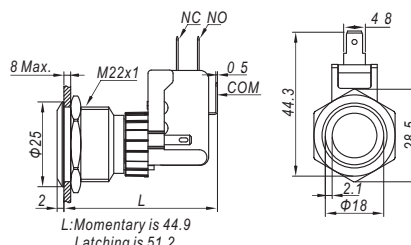
**Protection level** No letter means IP65 / FP: IP67 (only for momentary type)



LCA22-11 ■ E/△/▲/S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**LED color** R G Y B W  
**LED voltage** 6V / 12V / 24V / 110V / 220V  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)

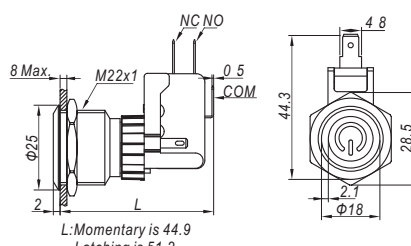
**Protection level** No letter means IP65 / FP: IP67 (only for momentary type)



LCA22-11 ■ ET/△/▲/S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**LED color** R G Y B W  
**LED voltage** 6V / 12V / 24V / 110V / 220V  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal 4 (8x0 5mm)  
 LED pins terminal (2 8x0 5mm)

**Protection level** No letter means IP65 / FP: IP67 (only for momentary type)



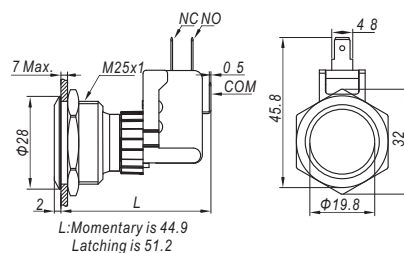
# LCA25、30

**Φ 25、30mm Picture Specifications Dimensions**



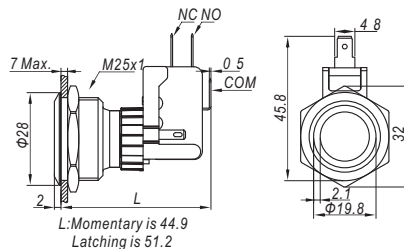
LCA25-11 S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)  
**Protection level** No letter means IP65 / FP: IP67(only for momentary type)



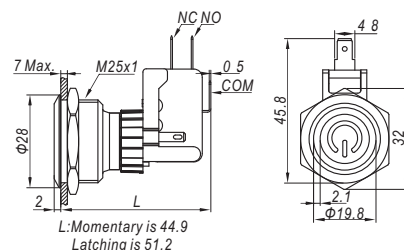
LCA25-11 E/Δ/▲/S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**LED color** R G Y B W  
**LED voltage** 6V / 12V / 24V / 110V / 220V  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)  
**Protection level** No letter means IP65 / FP: IP67(only for momentary type)



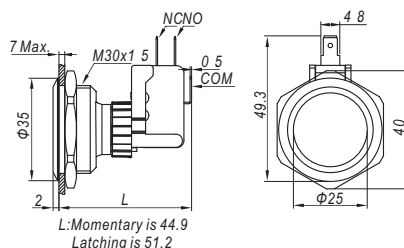
LCA25-11 ET/Δ/▲/S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**LED color** R G Y B W  
**LED voltage** 6V / 12V / 24V / 110V / 220V  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)  
**Protection level** No letter means IP65 / FP: IP67 (only for momentary type)



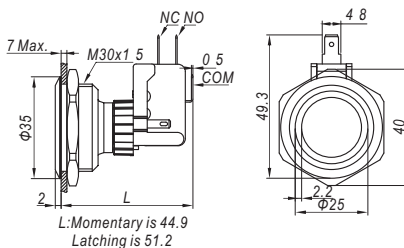
LCA30-11 S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)  
**Protection level** No letter means IP65 / FP: IP67 (only for momentary type)



LCA30-11 E/Δ/▲/S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**LED color** R G Y B W  
**LED voltage** 6V / 12V / 24V / 110V / 220V  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)  
**Protection level** No letter means IP65 / FP: IP67 (only for momentary type)



LCA30-11 ET/Δ/▲/S/

**Contact structure** 11: 1NO1NC  
**Operation type** No letter means Momentary / Z: Latching  
**LED color** R G Y B W  
**LED voltage** 6V / 12V / 24V / 110V / 220V  
**Housing material** S: Stainless steel  
**Terminal Type:** Switch Pin terminal (4 8x0 5mm)  
 LED pins terminal (2 8x0 5mm)  
**Protection level** No letter means IP65 / FP: IP67 (only for momentary type)

