



SHANGHAI YONGXING ELECTRONIC SWITCH CO., LTD.



SHANGHAI YONGXING ELECTRONIC

## ◆ 简介 Introduction

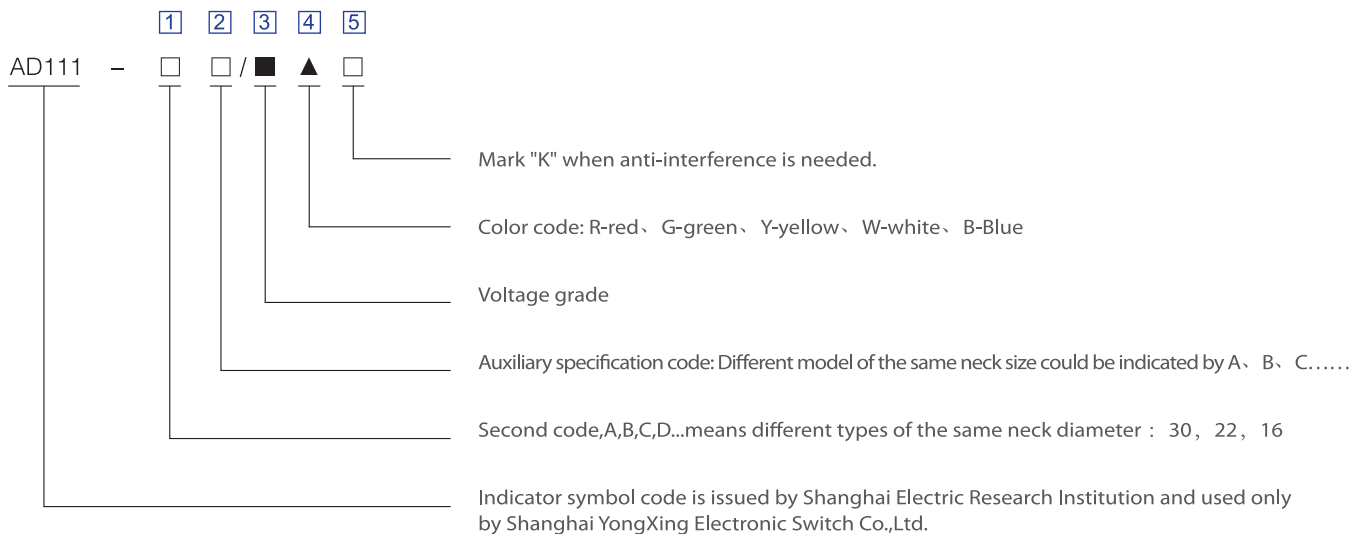
Adopted bright & solid color of LED for illumination. AD111 series indicator take the replacement of Filament lamp and Neon light, which has long lifetime, low energy consumption, light weight & volume. Have won the majority of users by the characteristics of brightness, reliability, attractive appearance and ingenious. In order to satisfied the improving taste of our custoemrs, a seris new items have been developed, such as AD111-22B/C/D, double colored light, position indicator, flashing buzzer and mini-short indicator. Appearance design just like that of LA133 series' style. Relative international standard symbol can be engraved inside the lamp shade which is made by high strength polycarbonate, featureded by good anti-impulsive. Inner-screw connection, more safety & convenient. All these combination contribute to your perfect usage..



## Instruction

Adopted bright LED chip as its light source, AD111 series indicator can be used as signal in the electronic control circuits of machine tool,machinery, grid, teleco, ships, metallurgy & chemical industries etc, between 50 HZor 60HZ AC, 440V AC and 380V DC. Adopted bright & solid color of LED for illumination. AD111 series of buttons used as control illumination & interlocking switch etc.for AC 50HZ or 60HZ (special frequency can be made), voltage rage from AC 600V to DC 400V of CNC machine, and Mechanical , Electrical, Telecommunications, Shipbuilding, Metallurgy, Chemical switch of electrical control devices,

## ◆ Model



◆ ③ Voltage code of indicator

Illumination	LED(Light-emitting Diode)		
	Power supply	DC • AC	AC
Voltage	6V 12V 24V 36V 48V 110V 220V 380V	110V 220V 380V	380V

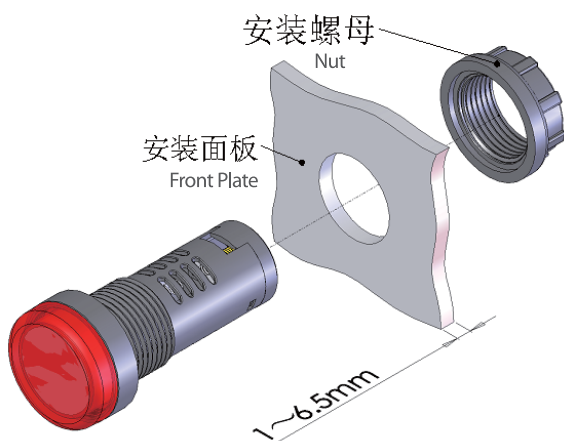
◆ Working condition

1. Ambient temperature:-25°C ~ +55°C;
2. Relative humidity:≤98%
3. Normally workable when vibration frequency is 2-80Hz with acceleration of 0.7g.
4. Pollution degree is3,Inatallation group is III .
5. One with "TH" mark can work in the conditioan of moist heat.

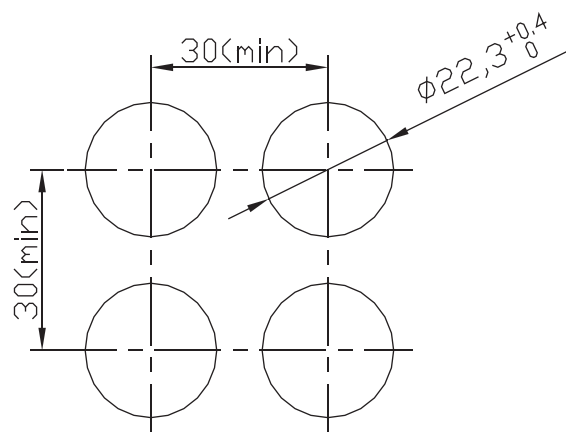
◆ Technical data


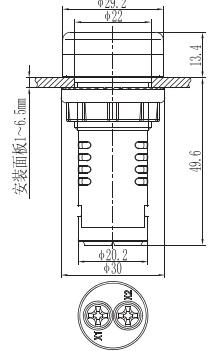

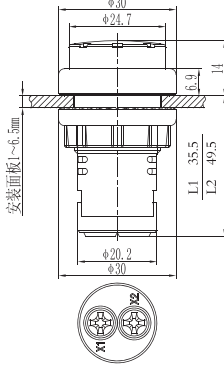

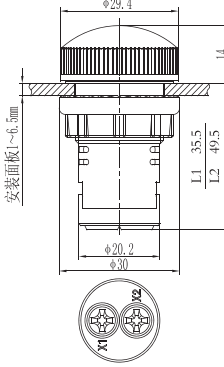

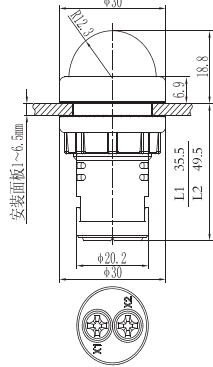
- 1.Power frequency with stand voltage:2.5KV per minite.(effective AC value)
- 2.Insulation resistance:≥2MΩ
- 3.Allowable voltage fluctuation:±20%
- 4.Continuous operating life≥30000H
- 5.Brightness ≥100cd/m2
- 6.CTI≥100
- 7.Protective degreee of the head IP65,IP67 is available on request
- 8.Applying frequency:AC50 ~ 60Hz

◆ Installation Diagram



◆ Intensive installation start size



Name	Pattern	Action	Model	Color	Voltage	Dimension
22A type		illuminating Flashy	AD111-22A/■▲ AD111-22SA/■▲	● R ● G ● Y ○ W ● S	DC · AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	
22B type		illuminating Flashy	AD111-22B/■▲ AD111-22SB/■▲	● R ● G ● Y ○ W ● S	DC · AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	
22C type		illuminating Flashy	AD111-22C/■▲ AD111-22SC/■▲	● R ● G ● Y ○ W ● S	DC · AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	
22D type		illuminating Flashy	AD111-22D/■▲ AD111-22SD/■▲	● R ● G ● Y ○ W ● S	DC · AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	

## Description

1. Filled voltage in ■, color in ▲.
2. Use L1 dimension for type of 22B、22C、22D、22K when power supply is less than 48V, Use L2 dimension for type of 22B、22C、22D、22K when power supply is more than

Name	Pattern	Action	Model	Color	Voltage	Dimension
22K typ		illuminating Flashy	AD111-22K/■▲ AD111-22SK/■▲	● R ● G ● Y ○ W ● S	DC · AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V FD 380V	
Bicolor indicator		illuminating	AD111-22E/■▲	● R ● G	DC · AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V	
Ground making indicator		illuminating	AD111-22JD/■▲	● R	DC · AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V	
Isolator making indicator		illuminating	AD111-22GL/■▲▲	●● RR ●● RG	DC · AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V	

**Description**

1. Filled voltage in ■, color in ▲.
2. Use L1 dimension for typ of 22B、22C、22D、22K when power supply is less than 48V, Use L2 dimension for typ of 22B、22C、22D、22K when power supply is more than

Name	Pattern	Action	Model	Color	Voltage	Dimension
Breaker making indicator		Illuminating	AD111-22DL/■▲▲	红红-RR ●● 红绿-RG ●●	DC · AC 6V、12V、 24V、36V、 48V、110V、 220V AC 110V、220V、 380V	
Buzzers		Continuous sound  Discontinuous sound	AD111-22FML/■▲ AD111-22FM/■▲	●黑-B	DC · AC 12V、24V、 36V、48V、 110V、220V AC 110V、220V、 380V	
Flashing buzzer		Flashy, discontinuous sound	AD111-22SFM/■▲	●红-R ●绿-G	DC · AC 12V、24V、 36V、48V、 110V、220V AC 110V、220V、 380V	

**Description**

1. Filled voltage in ■, color in ▲.
2. Use L1 dimension for typr of 22B、22C、22D、22K when power supply is less than 48V, Use L2 dimension for typr of 22B、22C、22D、22K when power supply is more than