

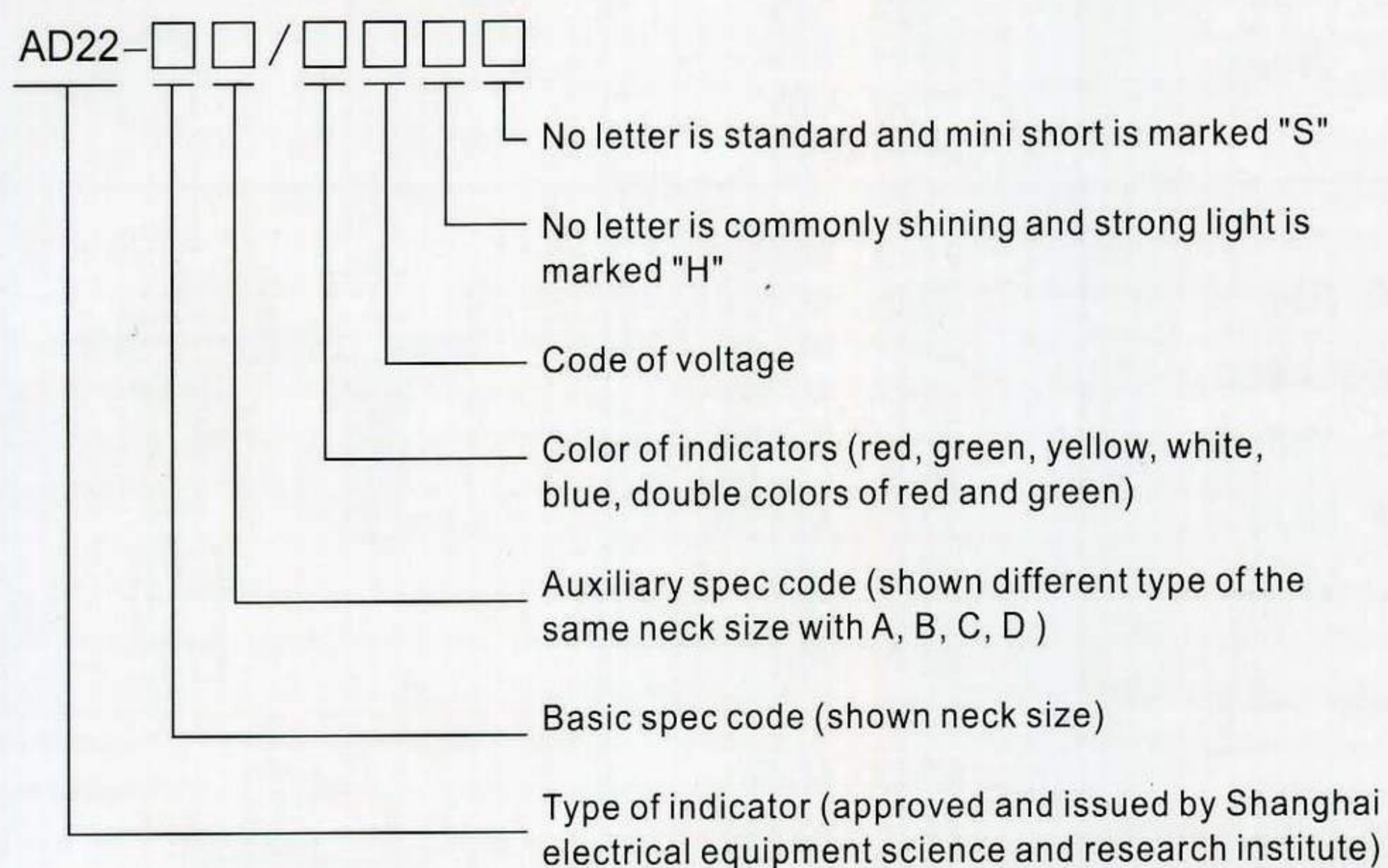
Brief Introduction

AD22-22-25-16 (CED) and AD22-22-25-16-12 (NEON) series of indicator is equally used LED shining chip as light source. Because of long life, low consumption, small volume and light weight, it is a product replaced the older generations XD all kinds of incandescent lamp and indicator of neon lamp by new ones. AD22-25, AD22-22 and AD22-16 indicators produced by our factory have following character: high brightness, good reliability, beautiful shape and careful manufacture. Products are well praised by lots of clients. In order to fit in with quality and aesthetic demand of user, we develop AD22-22B, C, D, E, G, H, double-color lamp, position indicator, shining buzzer and mini short indicator again and use LA 102 series button style to design shape, and it is possible to seal all kinds of international standard symbols or make to order ones in lampshade. Lampshade is made of polycarbonate with high intension and has better anti-surge performance, set up bolt-type connector in it, which will be safer and more convenient. All improvement will be provided convenience and perfection for you.

Use

AD22 series of indicators are used as indicating, foretelling, accident and other signals in the lines of equipment (such as electrical power, telecommunication, machine tool, water craft, textile, printing, mine machinery, etc).

Type and meaning



Applicable environment

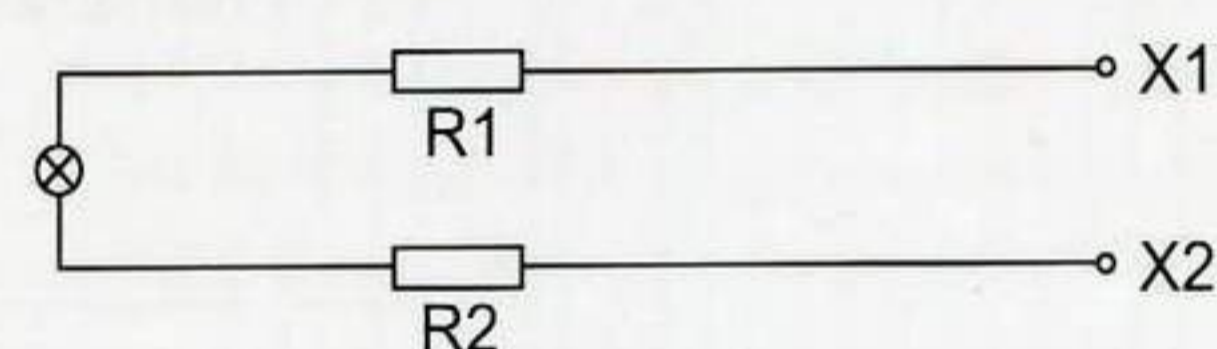
- (1) Environmental temperature: $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$.
- (2) Relative humidity: $\leq 98\%$.
- (3) It can normally work under following condition: vibration frequency is 2-80Hz and accelerated speed is 0.7g.
- (4) Pollution grade is 3 and installed sort is III.
- (5) There is a "TH" sign, and it is possible to work under the moist tropical environment.

Main technical target

- (1) Voltage of working frequency: 2.5kV (AC valid value), 1min.
- (2) Insulated resistance $\geq 2\text{M}\Omega$
- (3) Voltage wave allowed by AC indicator $\pm 20\%$
- (4) Continual working life $\geq 30000\text{h}$
- (5) Brightness $\geq 60\text{cd/m}^2$
- (6) Index of leakage CT1 ≥ 100
- (7) Protection grade IP65, and it is possible to be made to order IP67
- (8) Using frequency AC50 ~ 60 Hz

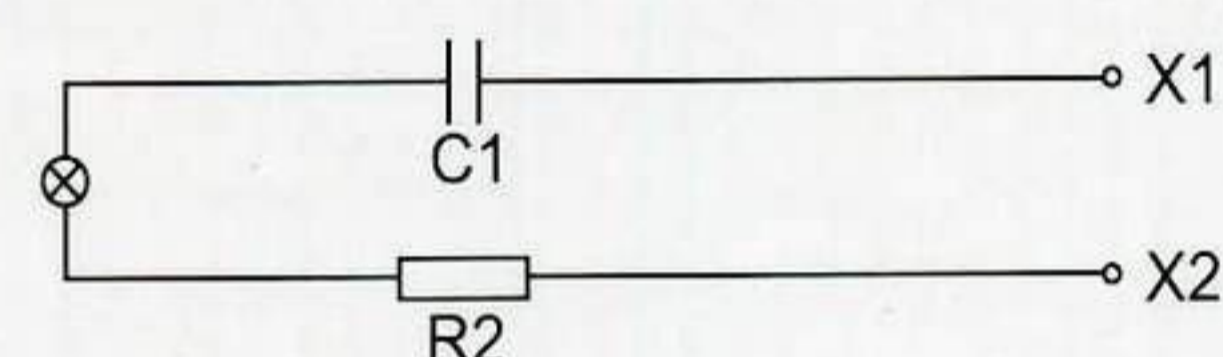
Circuit direction

- (1) AC and DC indicator (DC, AC6V ~ DC, AC 220V)

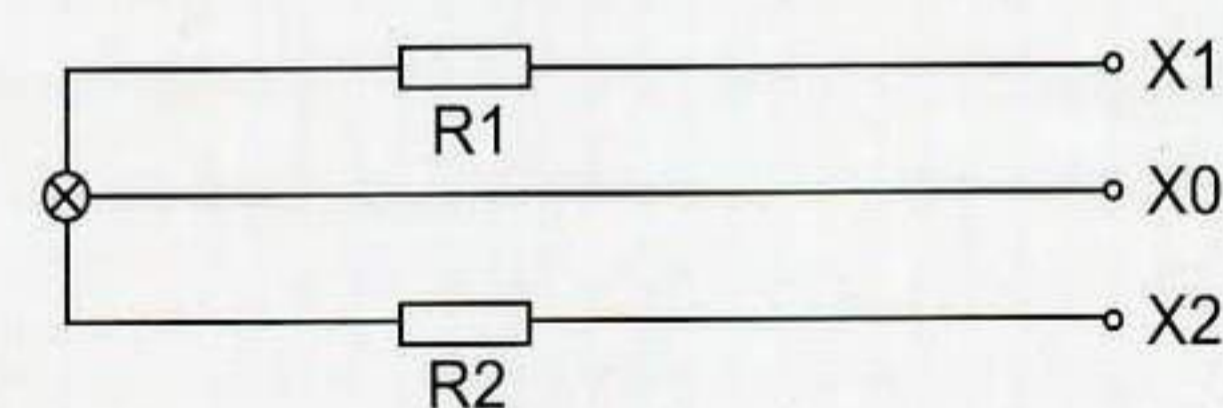


Note: When DC is 110V, 220V and 380V, there is amount of heat, and it should be considered radiating condition.

- (2) AC indicator (AC 220V, AC380V)



- (3) Return of double-color indicator (DC, AC110V ~ DC, AC 220V)



Note: When put through X0 and X1, lamp gives out a green light, when done X0 and X2, lamp does a red one.


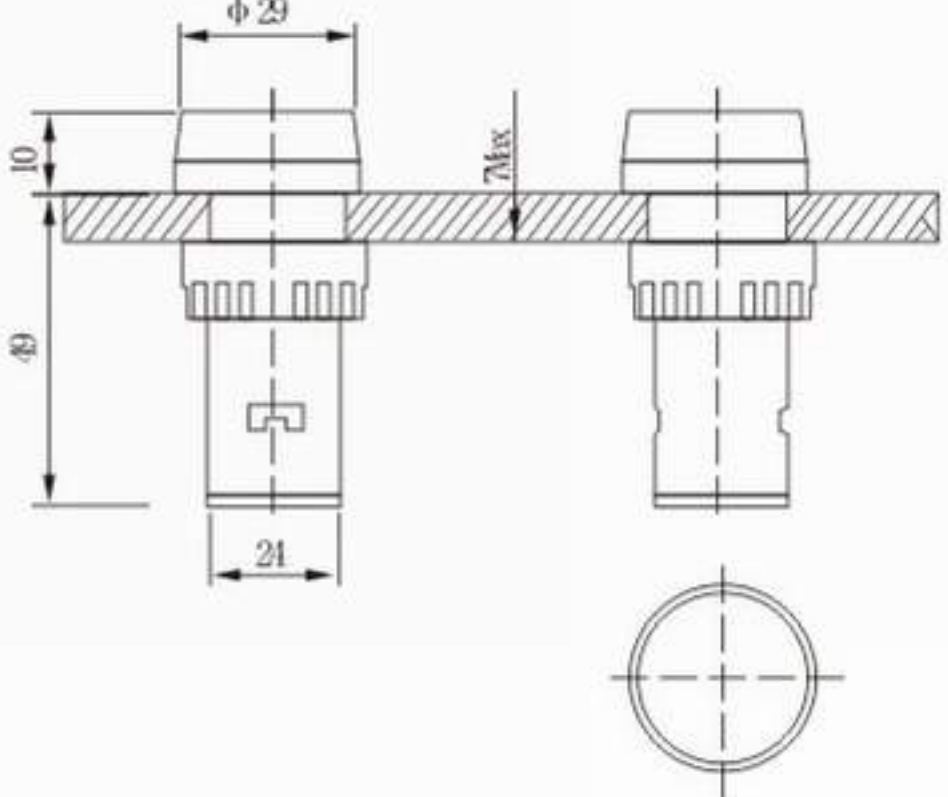

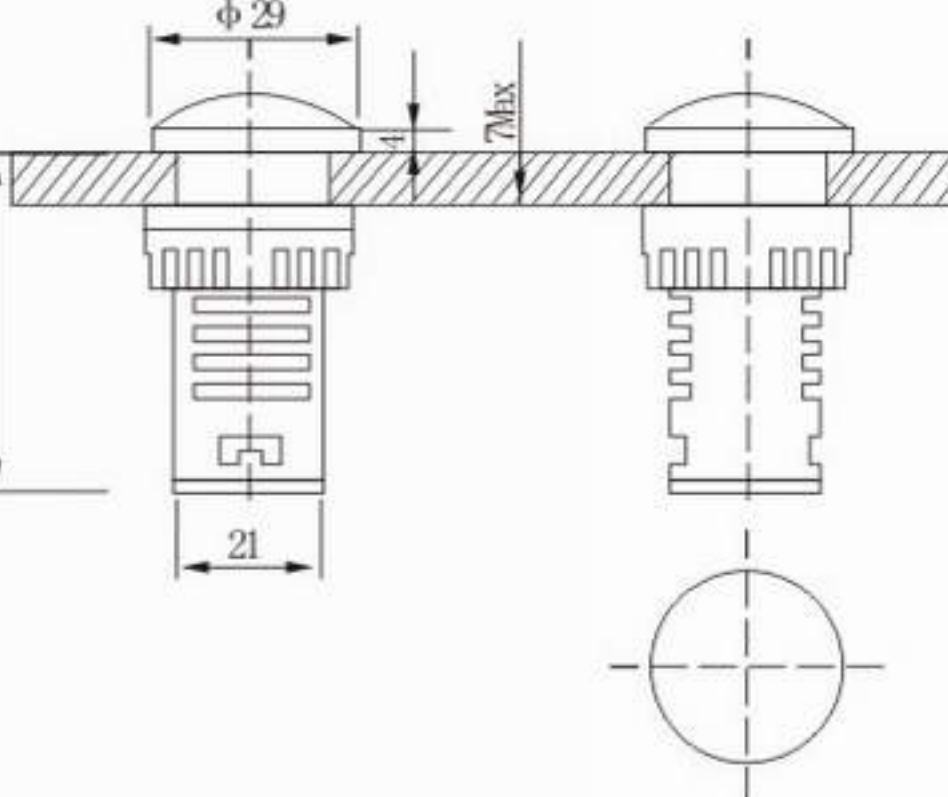

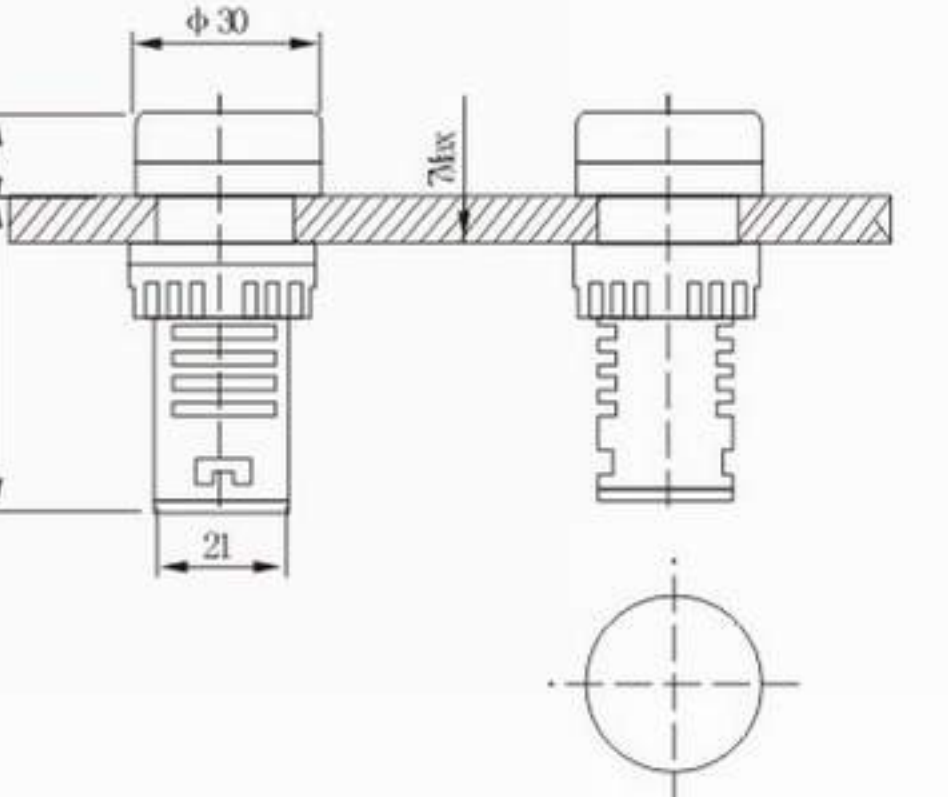

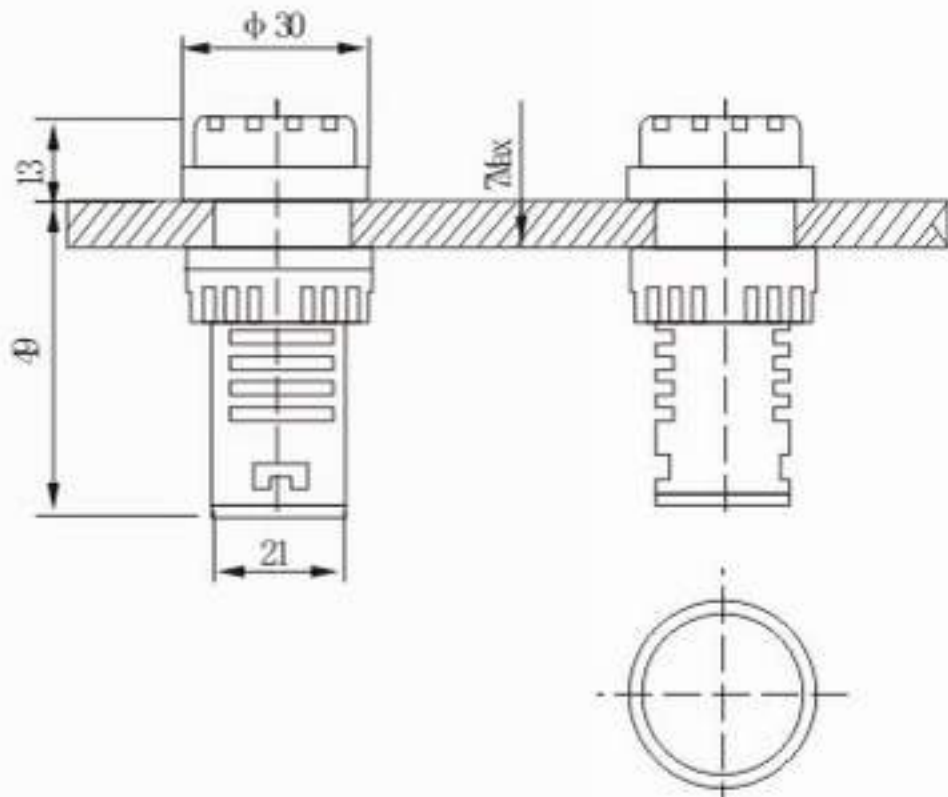

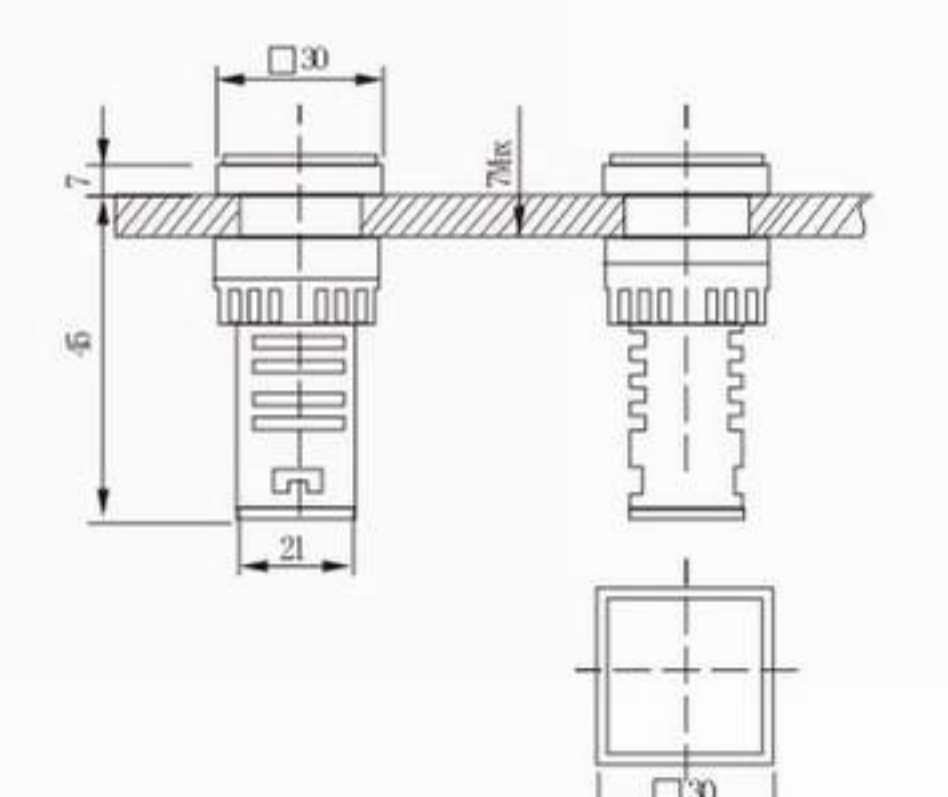

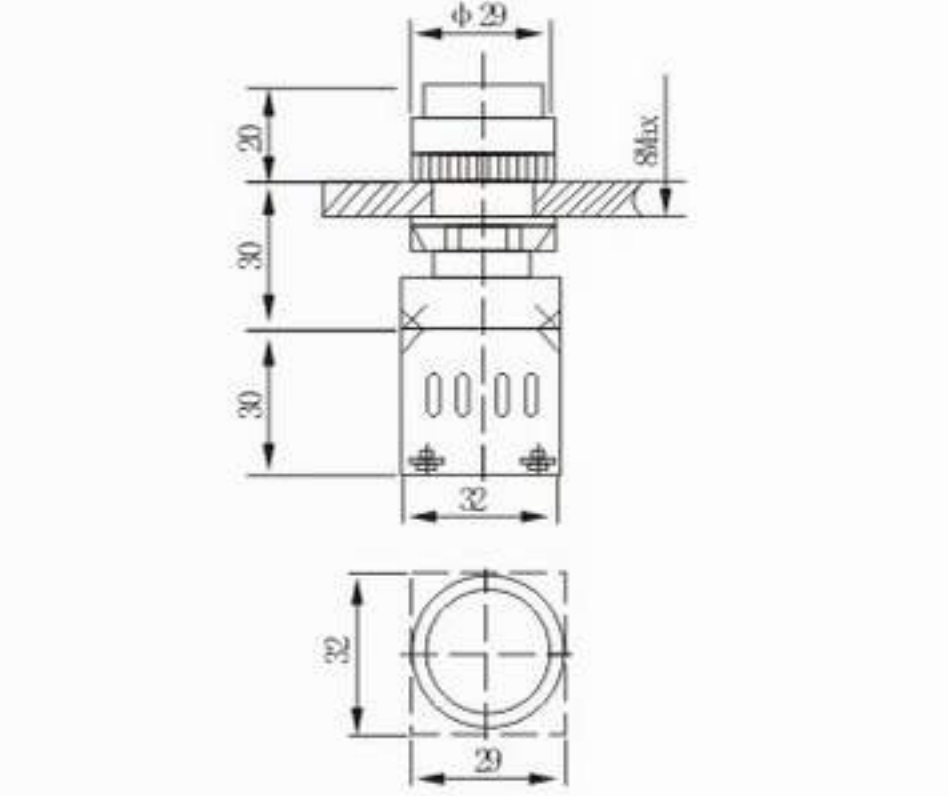

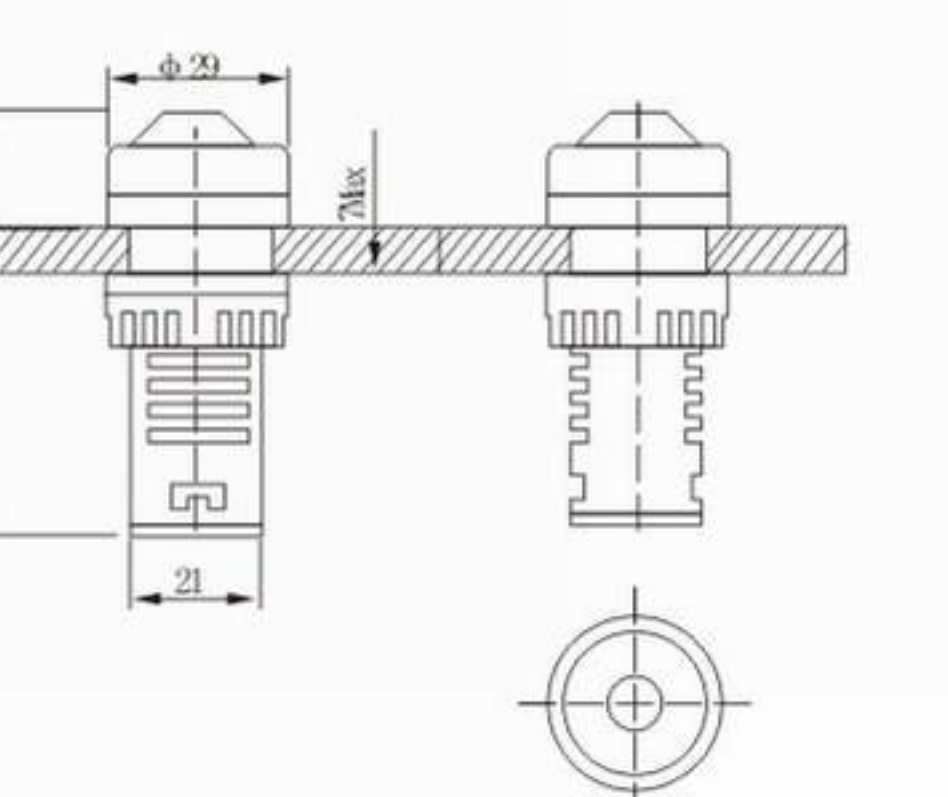
Contrast list of voltage current and code

Voltage Code	21	22	23	24	25	26	27	28	29	30	31	32
Supply Voltage	AC.DC							DC	FD		AC	
Voltage	6V	12V	24V	36V	48V	110V	127V	220V	380V	500V	220V	380V
Current	140	72	18-72	18	18	16	16	12	12	12	16	17

Note: "FD" in the list means a discharging lamp can be installed on the cupboard of capacitor.


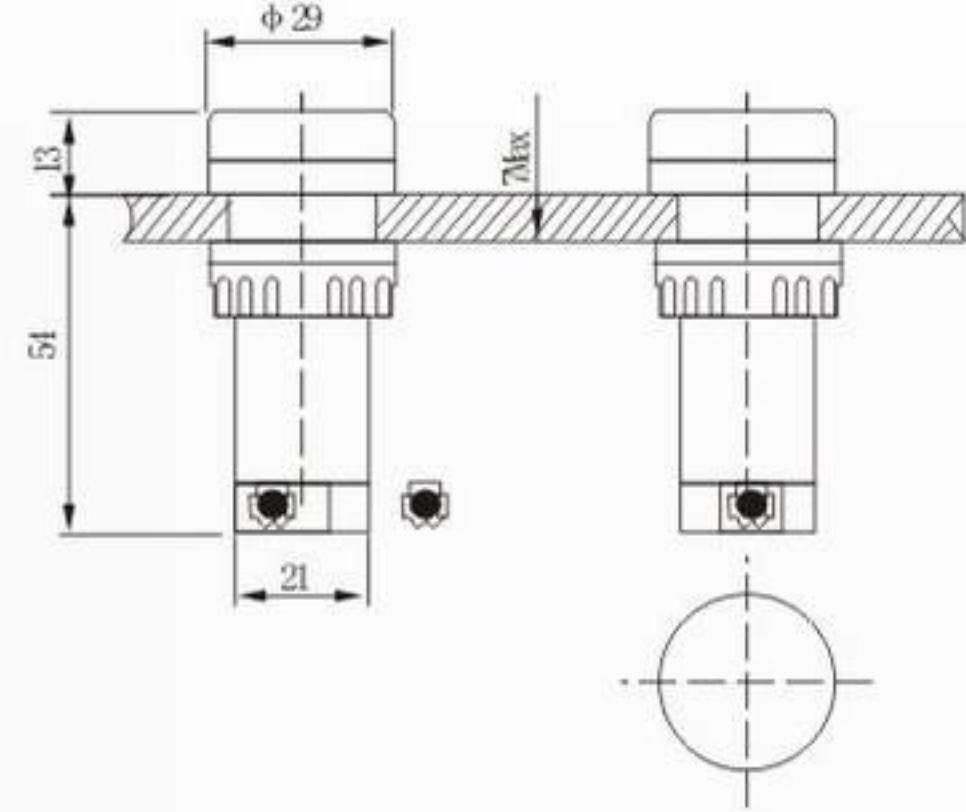

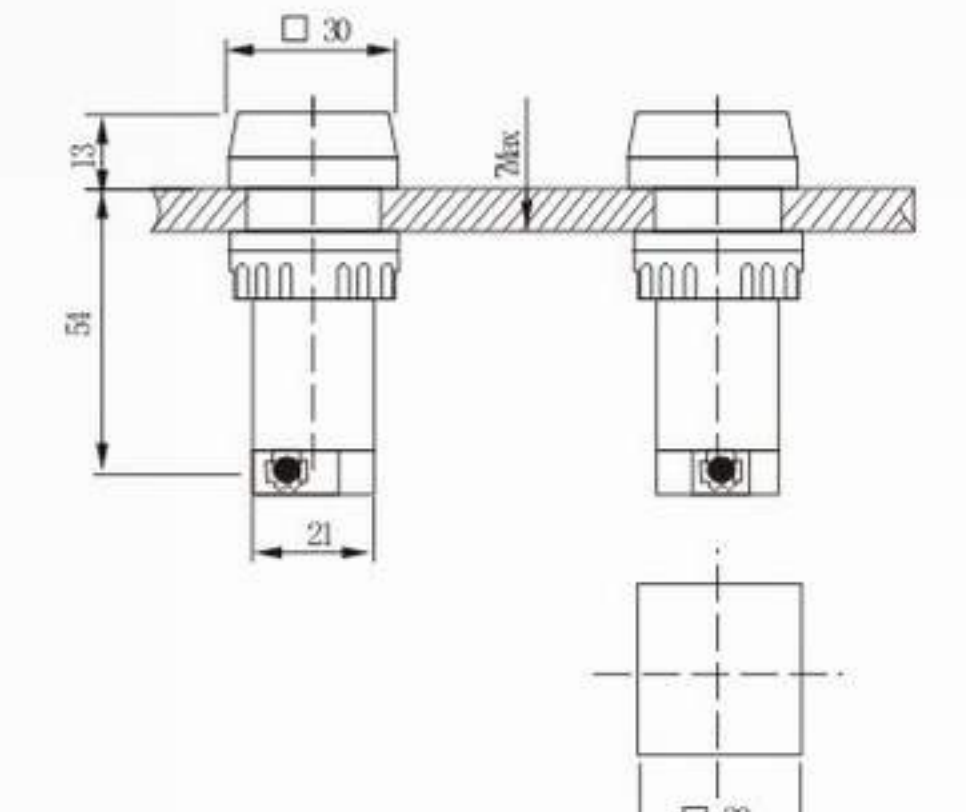

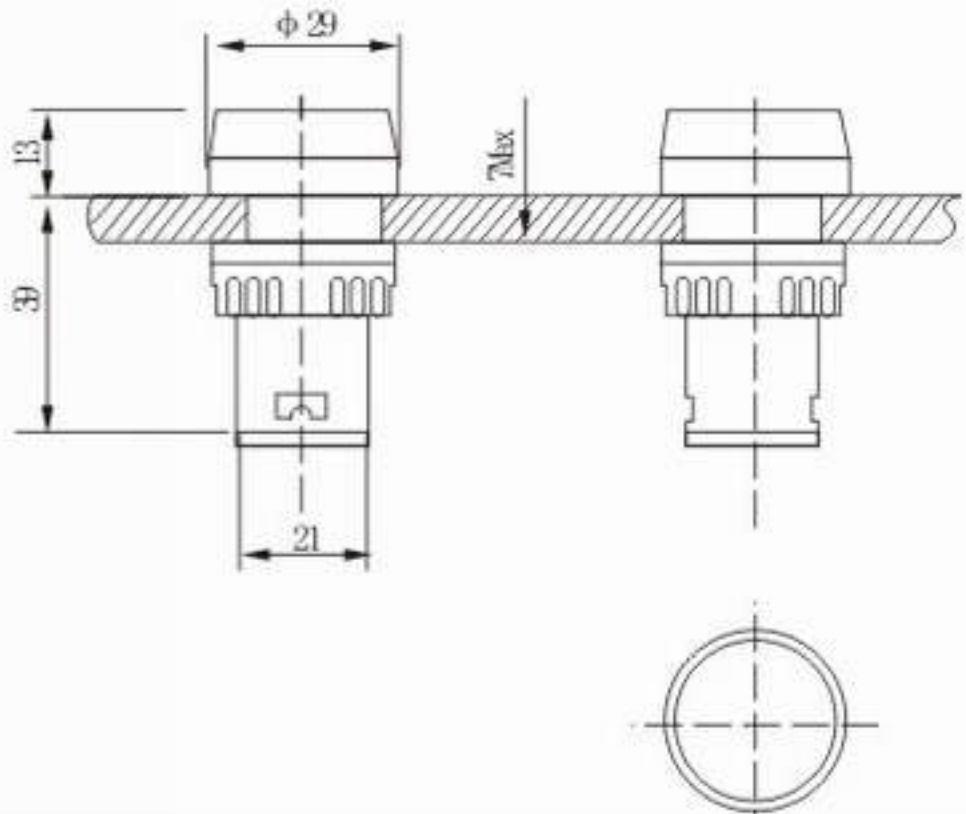

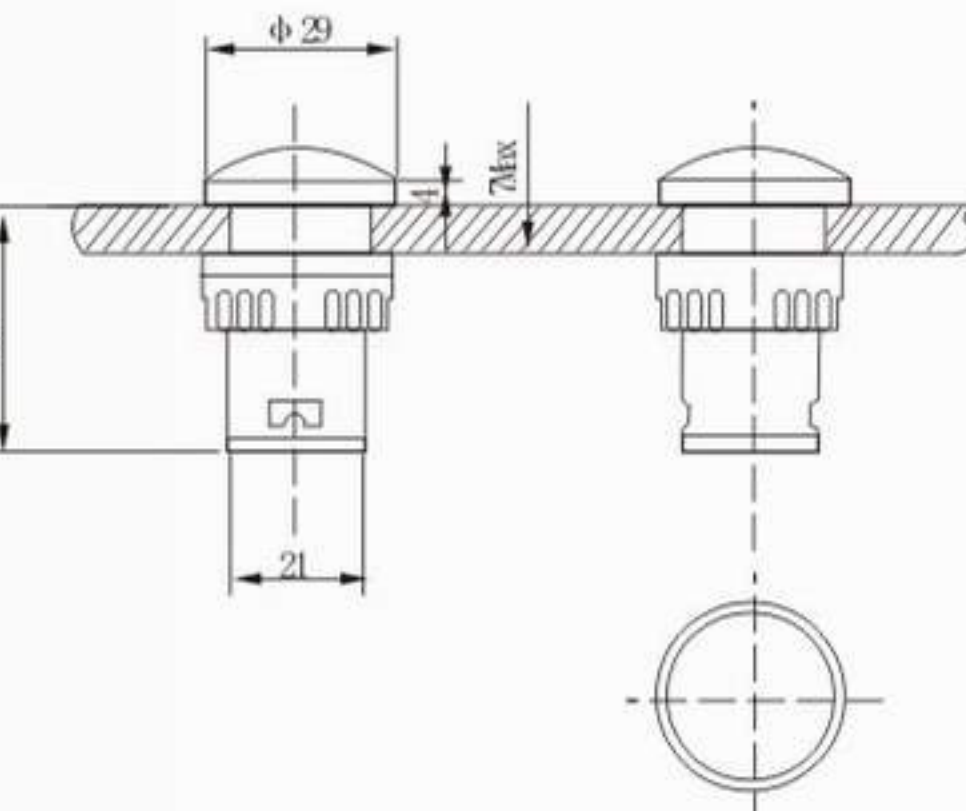

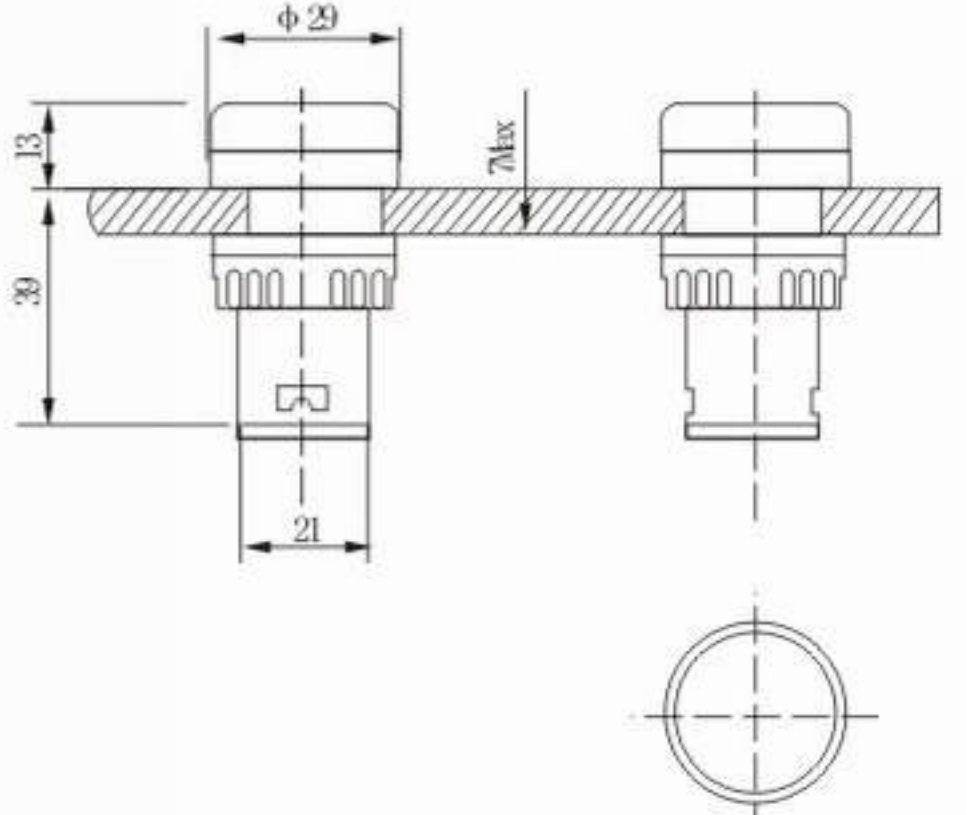

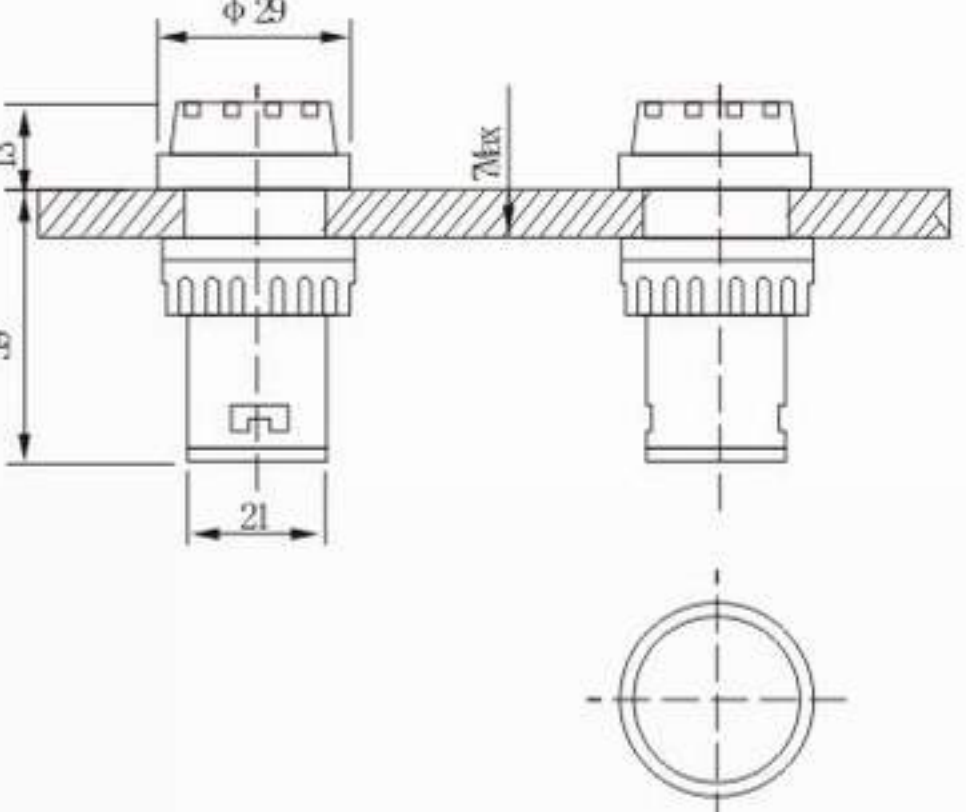

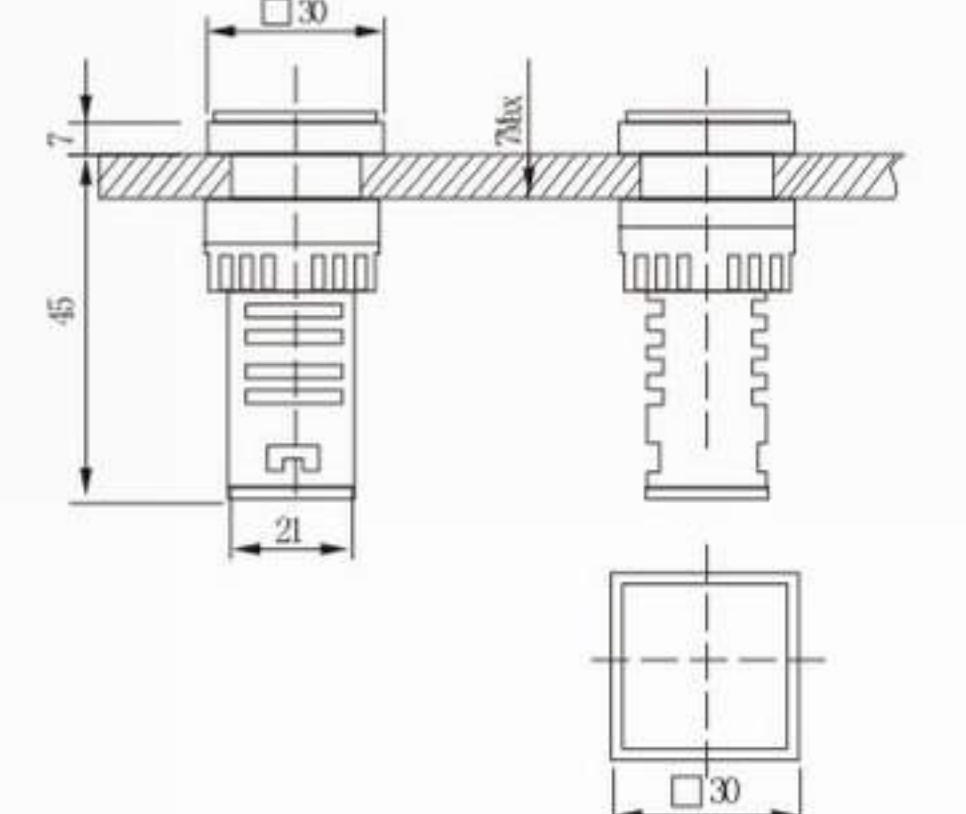
Pilot lamp



Reference	Color	Supply Voltage	Size
 AD22-22B	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 29-FD380V 31-AC220V 32-AC380V	
 AD22-22C	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 29-FD380V 31-AC220V 32-AC380V	
 AD22-22D	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 29-FD380V 31-AC220V 32-AC380V	
 AD22-22E	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 29-FD380V 31-AC220V 32-AC380V	
 AD22-22F	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-22G	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-22H	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	

Pilot lamp



Reference	Color	Supply Voltage	Size
 AD22-22DRG	<ul style="list-style-type: none"> ● Red ● Green 	26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-22BFRG	<ul style="list-style-type: none"> ● Red ● Green 	26-DC. AC110V 27-DC. AC127V 28-DC220V	
 AD22-22BS	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 31-AC220V 32-AC380V	
 AD22-22CS	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 31-AC220V 32-AC380V	
 AD22-22DS	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 31-AC220V 32-AC380V	
 AD22-22ES	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 31-AC220V 32-AC380V	
 AD22-22FS	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 31-AC220V 32-AC380V	

Pilot lamp



AD22-22GS



AD22-22A/41



AD22-22A/40



AD22-16AS




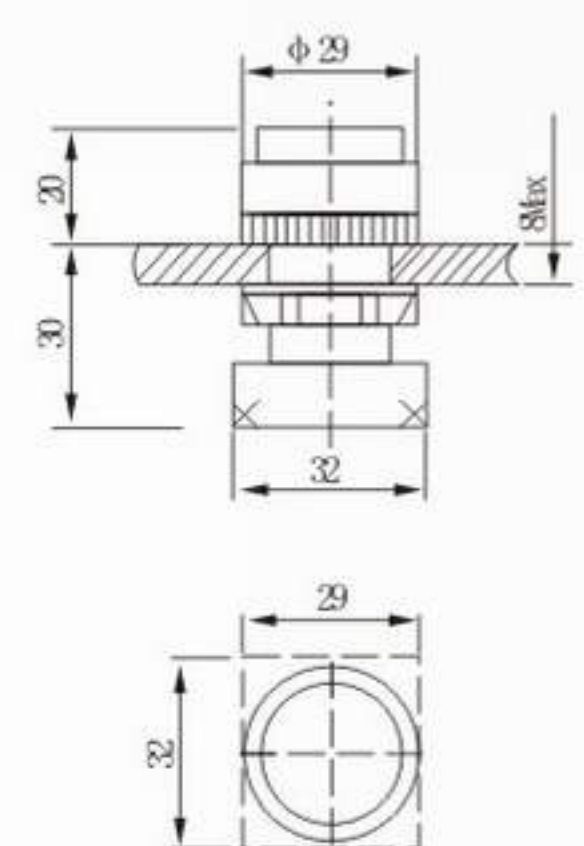

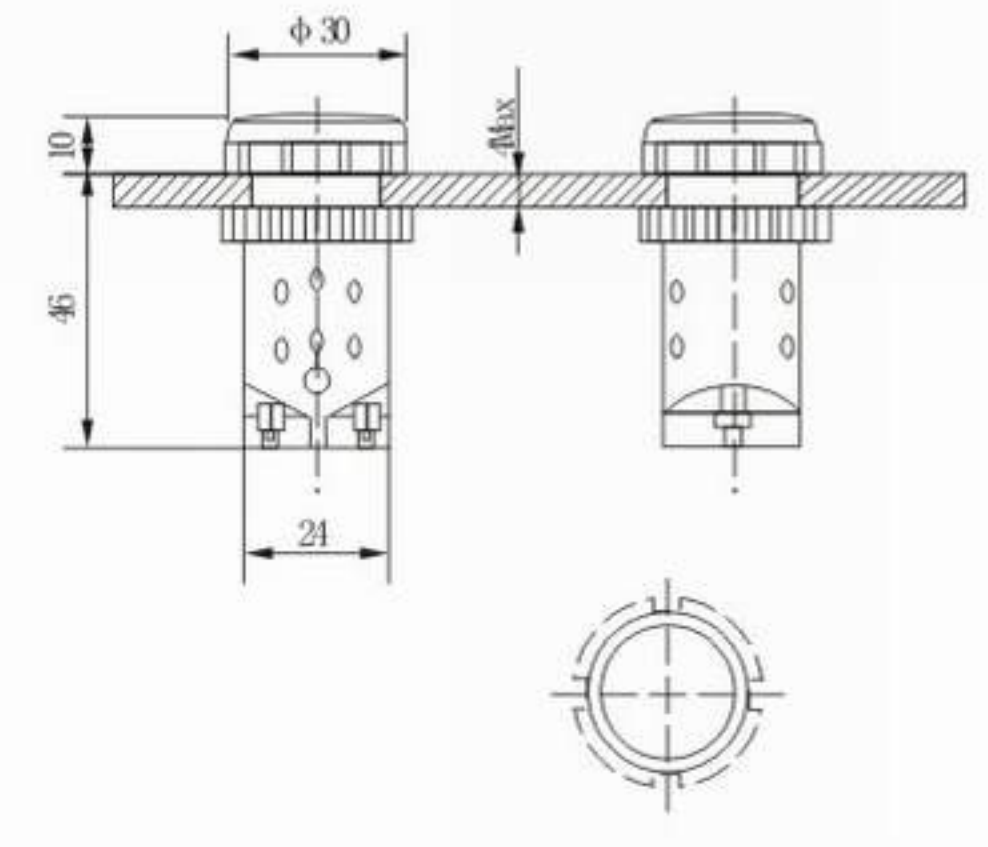

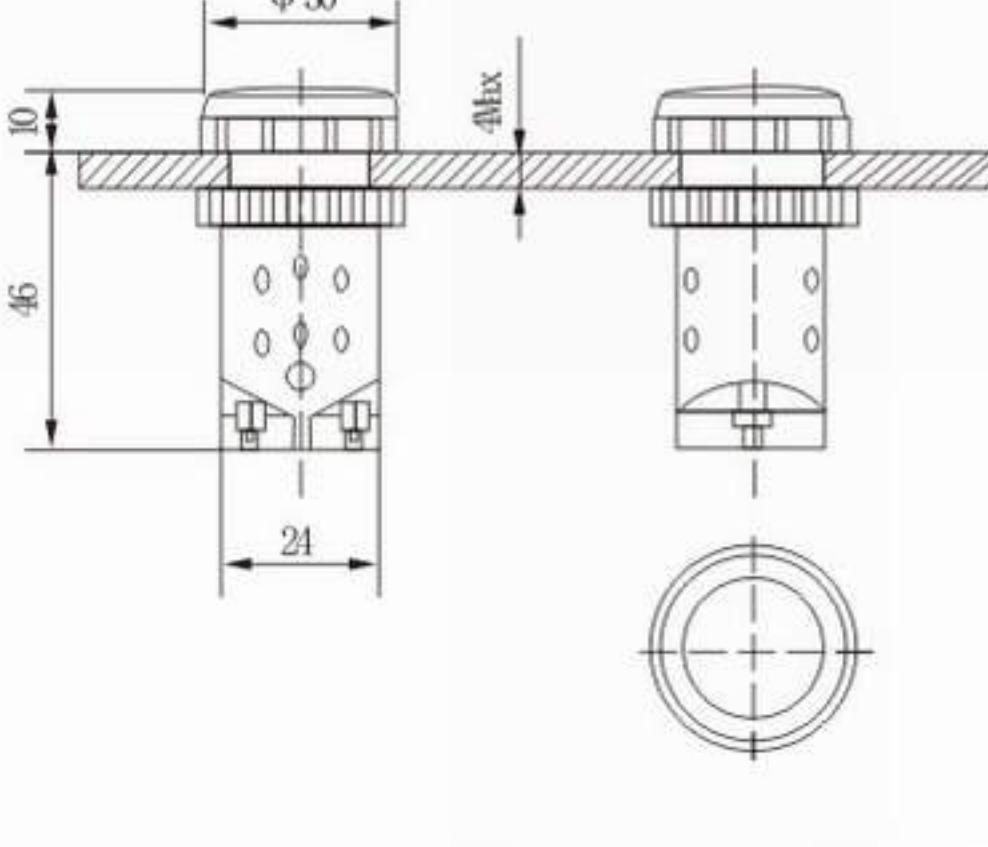

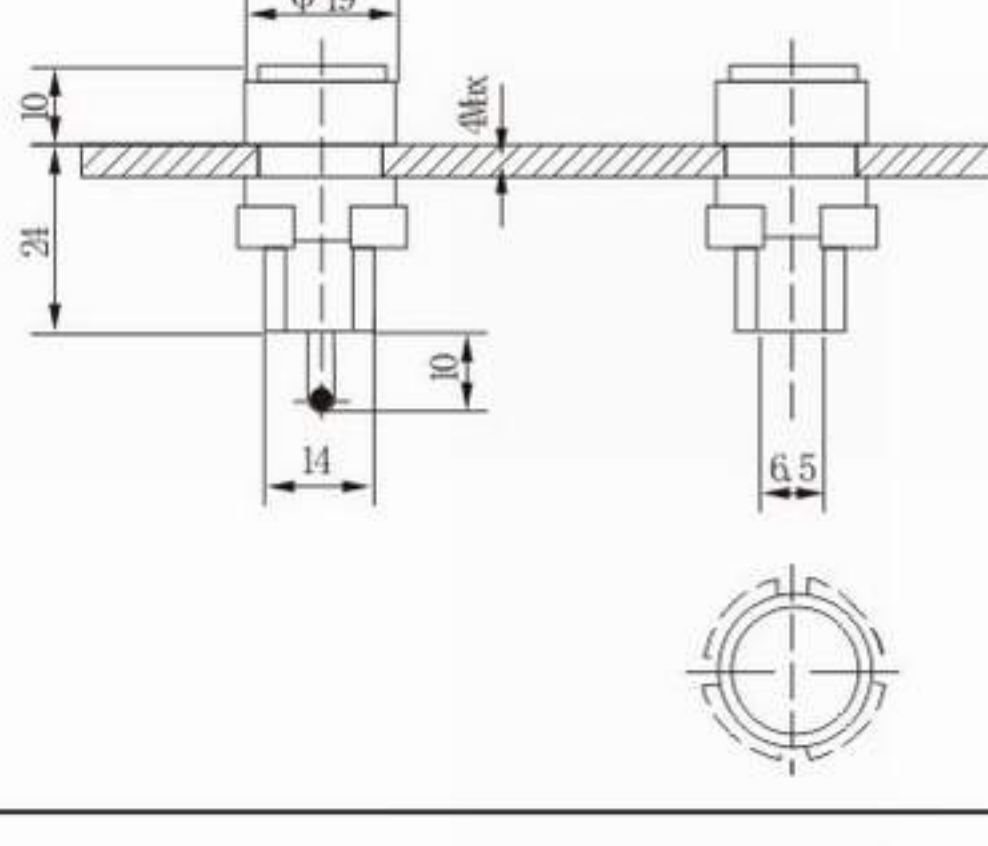

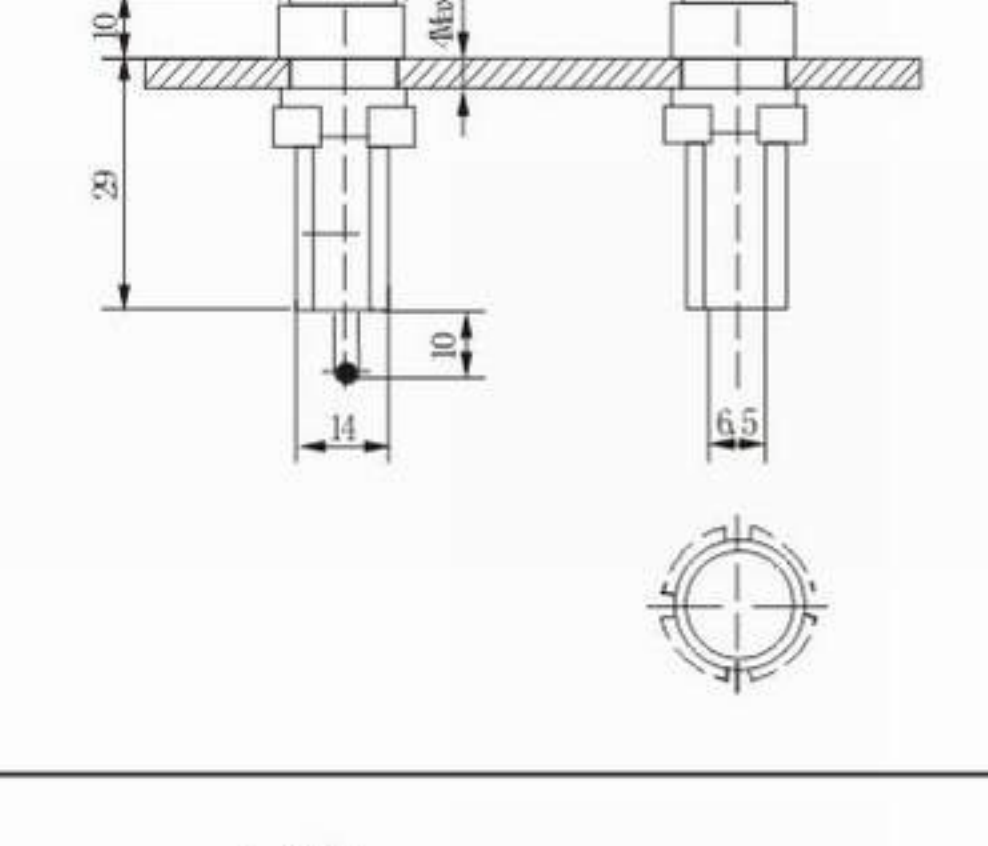

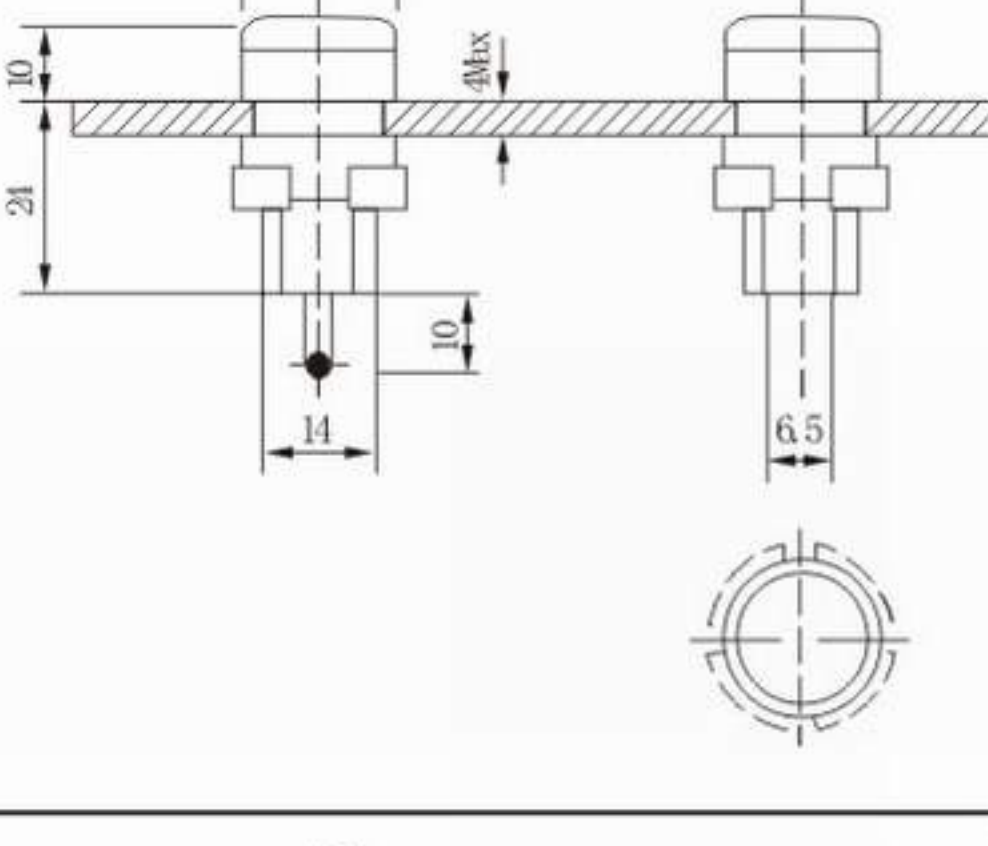

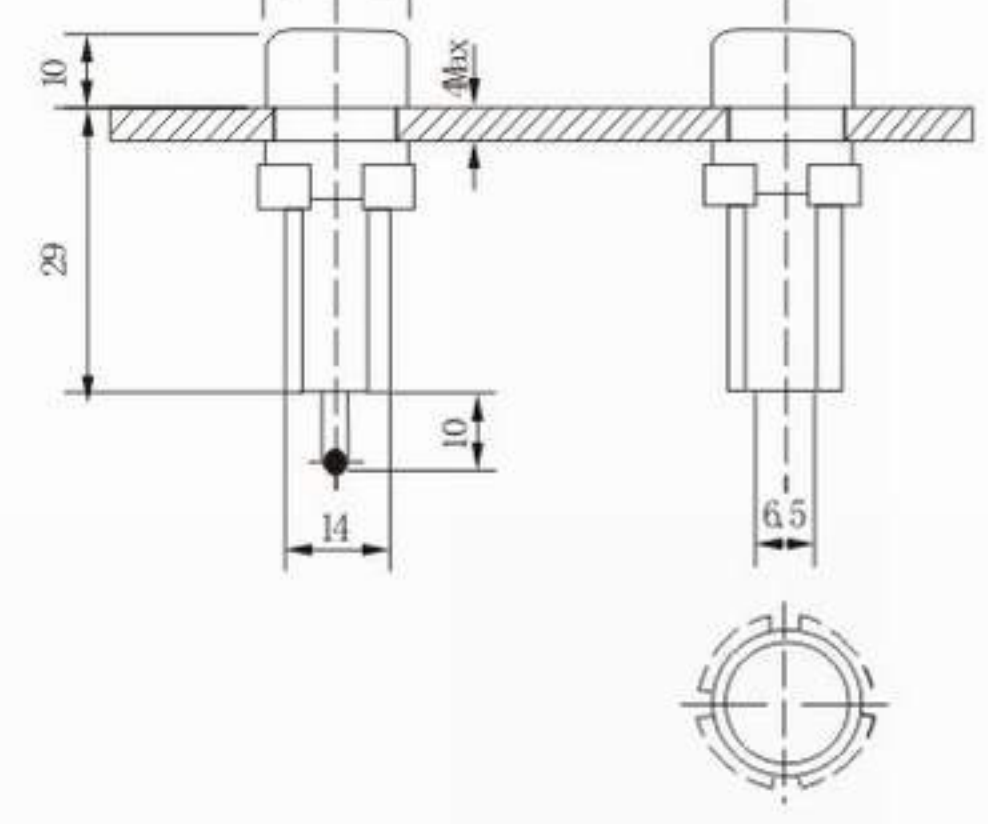
AD22-16A



AD22-16ES


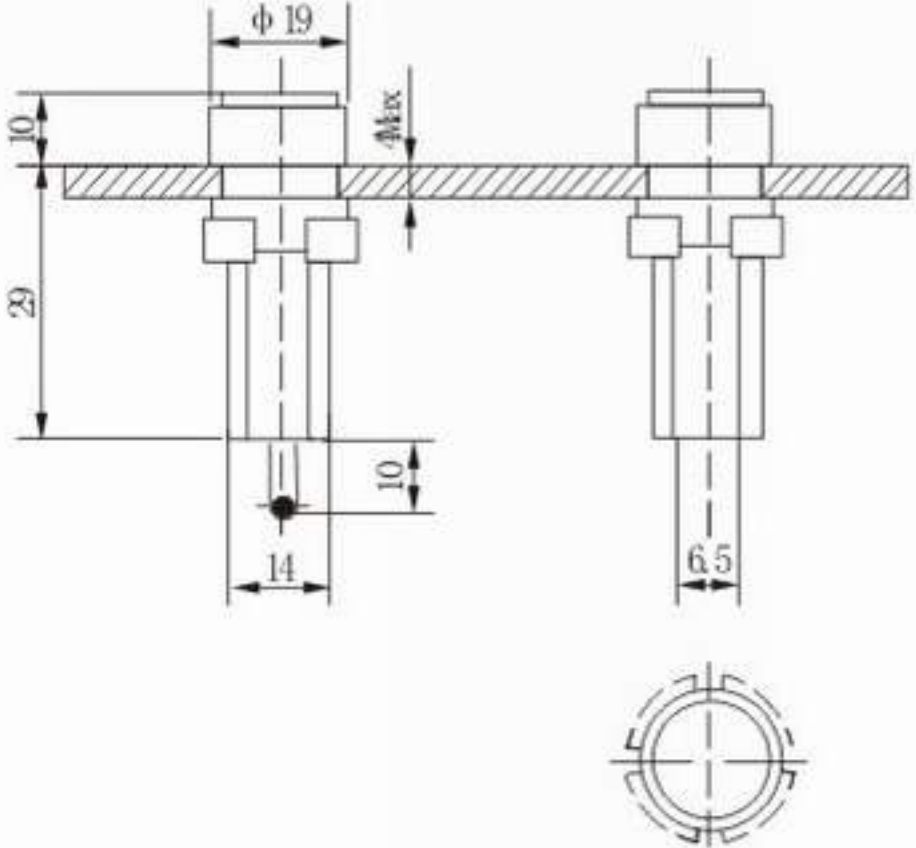

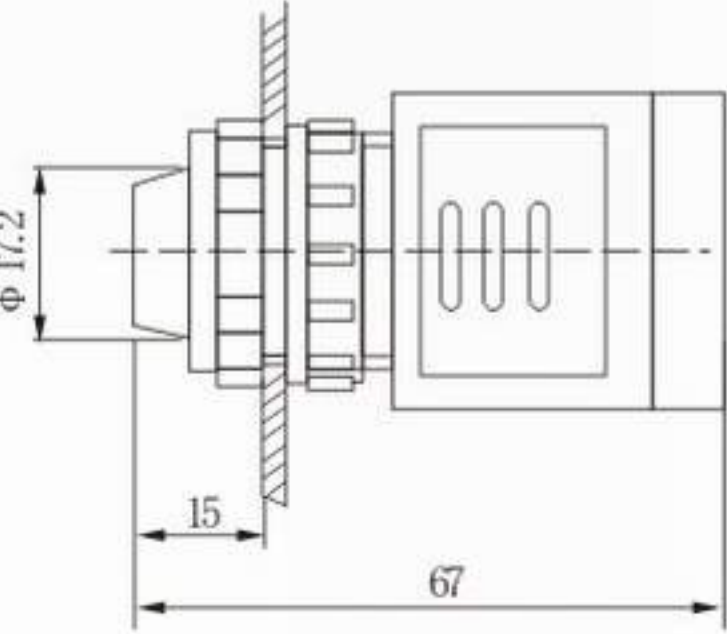

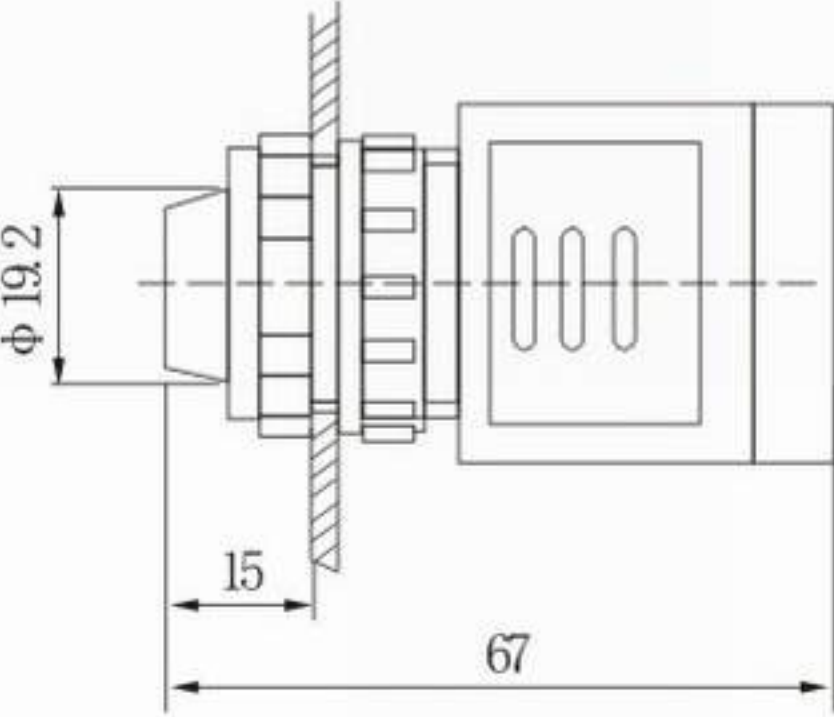

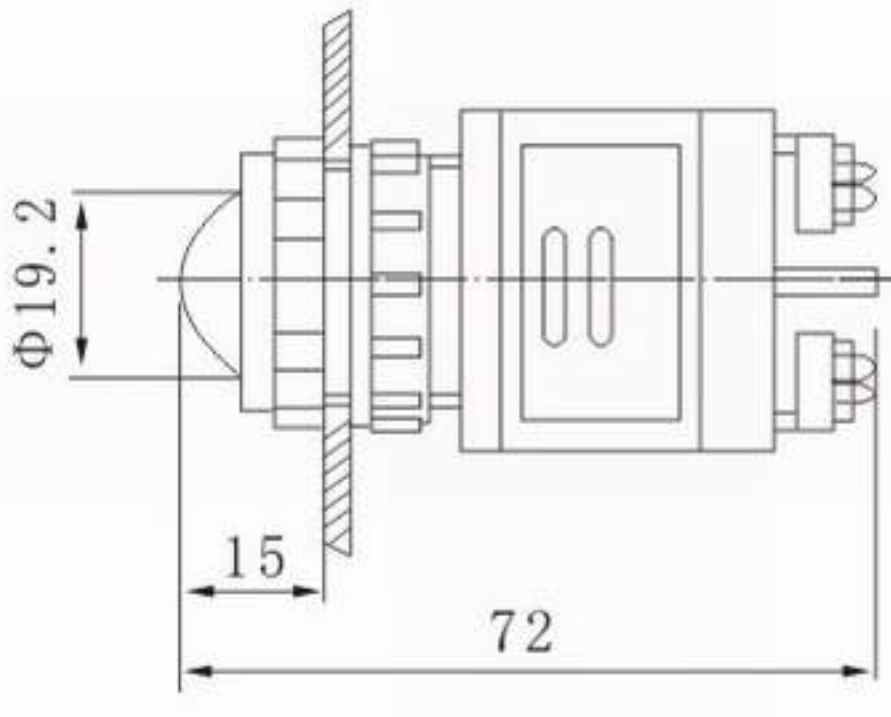

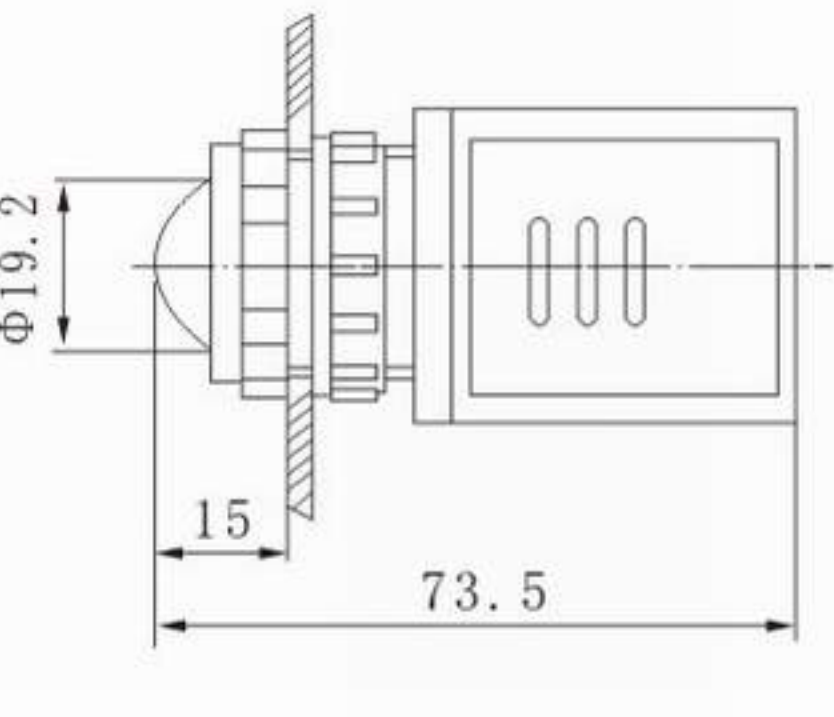

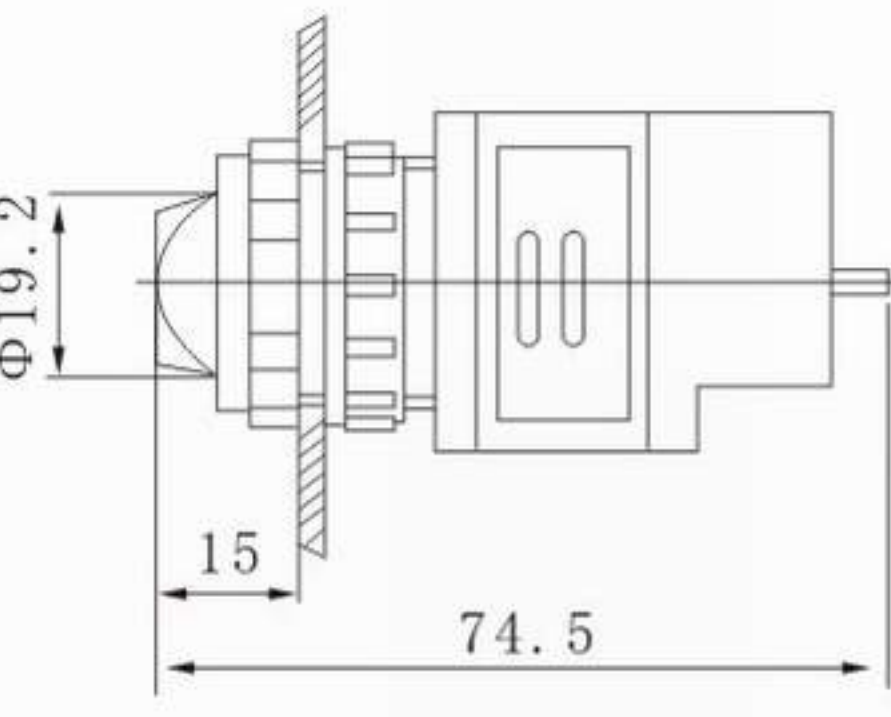



AD22-16E

Reference	Color	Supply Voltage	Size
 AD22-22GS	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	LED 23-DC. AC24V Illumination 11-DC. AC6V 12-DC. AC12V 13-DC. AC24V Neon 16-DC. AC110V 18-DC. AC220V 19-DC. AC380V	
 AD22-22A/41	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-22A/40	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-16AS	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V	
 AD22-16A	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-16ES	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-16E	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	

Pilot lamp



Reference	Color	Supply Voltage	Size
 AD22-16C	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-22AF/41	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-25AF/41	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-25AB/40	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-25AK/40	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-25AN/21	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	
 AD22-30A/40	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Blue ○ White 	21-DC. AC6V 22-DC. AC12V 23-DC. AC24V 24-DC. AC36V 25-DC. AC48V 26-DC. AC110V 27-DC. AC127V 28-DC220V 31-AC220V 32-AC380V	