

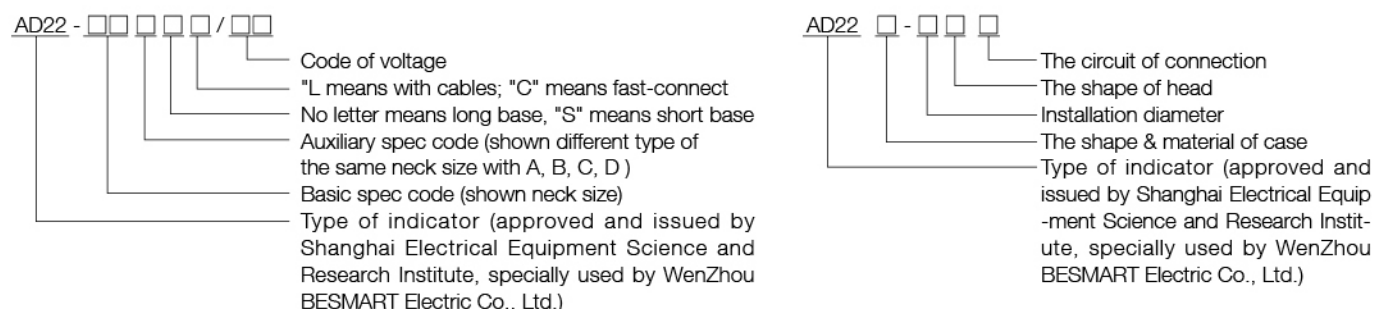
Brief Introduction

AD22(LED) 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 new type of product replaced the older incandescent lamp and indicator of neon lamp. AD22 indicators are produced by our factory enjoying following characters: high brightness, good reliability, beautiful shape and careful manufactured. Products are well praised by lots of clients. In order to fit in with top 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, as well as design shape of AD22-22G/22GS series button and it is possible to meet all kinds of international standard lampshade, which is made of polycarbonate with high intension and enjoying better anti-surge performance, and bolt-type connector designed will make it safer and more convenient. All improvement will be provided to make your choice more convenient and your design perfect.

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, watercraft, textile, printing and mine machinery, etc).

Model Designation



Applicable environment

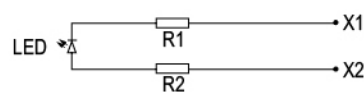
- (1) Surrounding temperature: $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- (2) Relative humidity $\leq 98\%$.
- (3) It can normally work under the conditions of 2-80Hz vibration frequency and 0.7g/h accelerated speed.
- (4) Pollution grade: III; Installation sort: III.
- (5) It is possible to work under the moist tropical environment if there is a "TH" sign.

Main technical characteristics

- (1) Voltage of working frequency: 2.5kV (AC valid value), 1 min.
- (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 is IP40, and it is possible to be made to up to IP67
- (8) Using frequency: AC50-60 Hz

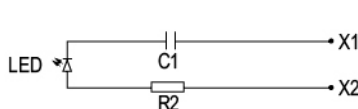
Circuit Introduction

(1) AC and DC indicator(AC/DC6V~220V)

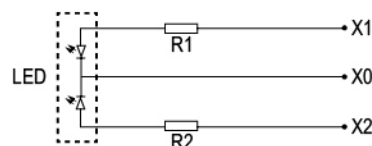


Note: It should be considered radiating condition When DC is up to 110V, 220V and 380V for there is a great of heat.

(2) AC indicator (AC220V, AC380V)



(3) Return of double-color indicator (DC, AC110~220V)



Note: When put through X0 and X1, lamp is shining green, when done X0 and X2, lamp is shining red.

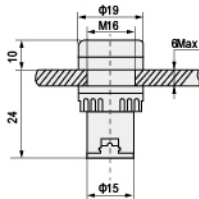
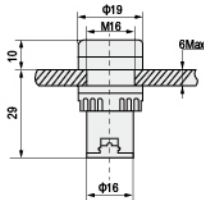
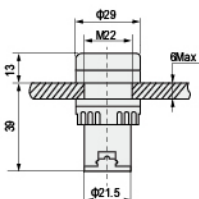
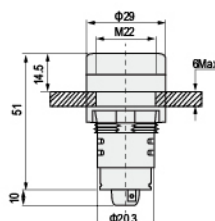
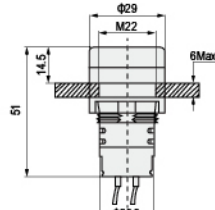
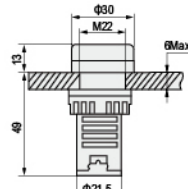
Contrast list of voltage, current

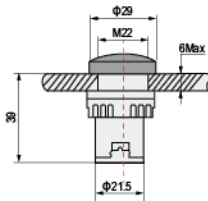
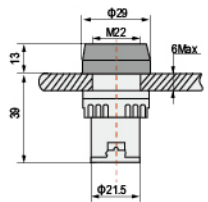
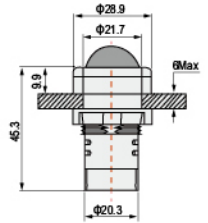
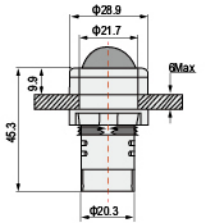
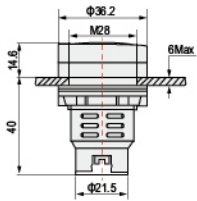
Supply Voltage	AC/DC							DC	FD		AC	
Voltage	6V	12V	24V	36V	48V	110V	127V	220V	380V	500V	200V	380V
Current	140	72	18~72	18	18	16	16	12	12	12	16	17

Note: "FD" in the list means a discharging lamp can be installed on the cupboard of capacitor. PG denotes pure green, PB denotes pure blue, PW denotes pure white.

AD22

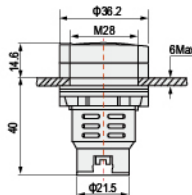
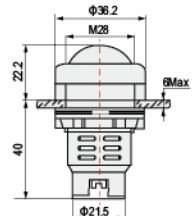
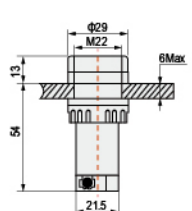
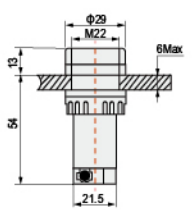
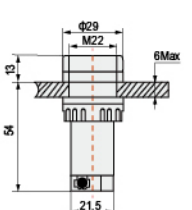
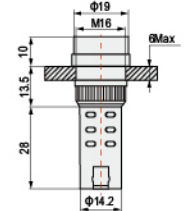
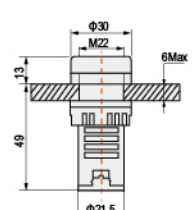
Indicator Lamp Series

Indicator	Description	Voltage	Color	Type	Contour
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC 127V AC 220V AC	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	AD22-16DS	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	AD22-16D	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Yellow ● Green/PG ● Pure Green ● Pure Blue ○ White/PW	AD22-22DS	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	AD22-22DSC	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Yellow ● Green/PG ● Pure Green ● Pure Blue ○ White/PW	AD22-22DSL	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	AD22-22D	

Indicator	Description	Voltage	Color	Type	Contour
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	AD22-22CS AD22-22CSL AD22-22CSC	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	AD22-22BS	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Yellow ● Green/PG ● Pure Green ● Pure Blue ○ White/PW	AD22-22AS	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Yellow ● Green/PG ● Pure Green ● Pure Blue ○ White/PW	AD22-22ASL AD22-22ASC	
	Indicator wrench φ 16				
	Indicator wrench φ 22				
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	AD22-30DS AD22-30DSL AD22-30DSC	

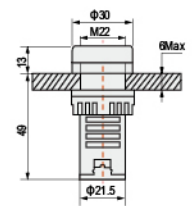
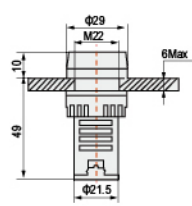
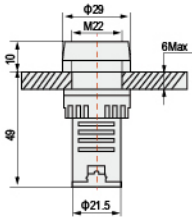
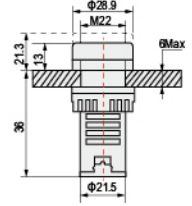
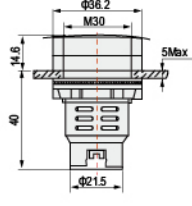
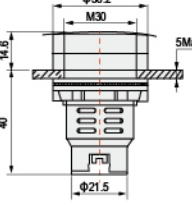
AD22

Indicator Lamp Series

Indicator	Description	Voltage	Color	Type	Contour
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	AD22-30CS AD22-30CSL AD22-30CSC	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	AD22-30AS AD22-30ASL AD22-30ASC	
	Protected LED Indicator	110V AC/DC 127V AC/DC 220V AC/DC 380V AC	● Red&Green ● Red&Pure Blue	AD22-22DRG AD22-22DRB	
	Protected LED Indicator	110V AC/DC 127V AC/DC 220V AC/DC 380V AC	○	AD22-22DRS	
	Protected LED Indicator	110V AC/DC 127V AC/DC 220V AC/DC 380V AC	○ ○	AD22-22DRY AD22-22DRE	
	Protected LED Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Black	AD22-16MSD AD22-16MFD	
	Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Black	AD22-22MFD	

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Indicator Lamp Series

Indicator	Description	Voltage	Color	Type	Contour
	Protected LED Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red	AD22-22MSD	
	Protected LED Indicator Buzzer	110V AC/DC 127V AC/DC 220V AC/DC 380V AC	● Red	AD22-22MSB	
	Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Black	AD22-22MFB	
	Protected LED Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	● Red ● Black ● Red ● Black	AD22-22MSN AD22-22MFN AD22-22MSN/H AD22-22MFN/H	
	Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	● Black	AD22-30MFD	
	Protected LED Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	● Red	AD22-30MSD	
	Incandescent Lamp	110-130V AC 220-240V AC 380V AC	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	AD22-CA25 (AD22-PR25) AD22-CA30 (AD22-PR30)	