

AD22 Indicator Lamp Series



www.xindali.com

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).

Type and meaning <<<

AD22-□□□□/□□

Code of voltage
"L" means with cables; "C" means fast-connect
No letter means long base, "S" means short base
Auxiliary spec code (shown different type of the same neck size with A, B, C, D)
Basic spec code (shown neck size)
Type of indicator (approved and issued by Shanghai Electrical Equipment Science and Research Institute, specially used by Yueqing Xindali Industries Co., Ltd.)

AD22 □□-□□□□

The circuit of connection
The shape of head
Installation diameter
The shape & material of case
Type of indicator (approved and issued by Shanghai Electrical Equipment Science and Research Institute, specially used by Yueqing Xindali Industries Co., Ltd.)

Applicable environment <<<

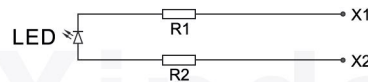
- (1) Surrounding temperature: $-25^{\circ}\text{C}\sim+55^{\circ}\text{C}$.
- (2) Relative humidity: $\leq 98\%$.
- (3) It can normally work under the conditions of 2-80Hz vibration frequency and 0.7g/h accelerated speed.
- (4) Pollution grade: III; Installed sort: III.
- (5) It is possible to work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

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 $\geq 60\text{cd}/\text{m}^2$
- (6) Index of leakage $\text{CT}1 \geq 100$
- (7) Protection grade is IP40, and it is possible to be made to up to IP67
- (8) Using frequency: AC50 ~ 60 Hz

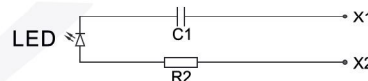
Circuit Introduction <<<

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

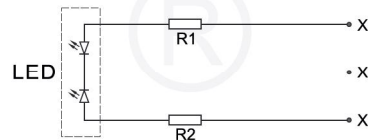


Note: It should be considered radiating condition When DC is up to 110V, 220V and 380V, for there is a great of heat.

- (2) AC indicator (AC 220V, 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	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. PG denotes pure green, PB denotes pure blue, PW denotes pure white



Indicator	Description	Voltage	Color	Type	Contour
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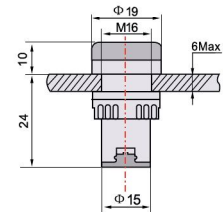
AD22-16DS

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



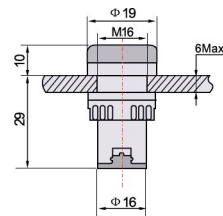
AD22-16D

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



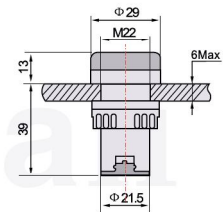
AD22-22DS

Protected
LED
Indicator

24V AC/DC
36V AC/DC
48V AC/DC
110V AC/DC
127V AC/DC
220V AC/DC

-  Red
-  Yellow
-  Green
-  Pure Green
-  Pure Blue
-  Pure White





AD22-22DS



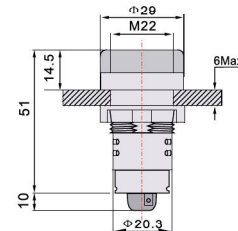
AD22-22DSC

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



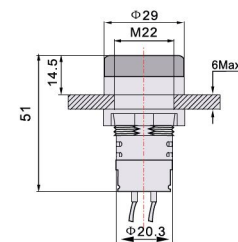
AD22-22DSL

Protected
LED
Indicator

24V AC/DC
36V AC/DC
48V AC/DC
110V AC/DC
127V AC/DC
220V AC/DC

-  Red
-  Yellow
-  Green
-  Pure Green
-  Pure Blue
-  Pure White

AD22-22DSL



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Indicator	Description	Voltage	Color	Type	Contour
 AD22-22D	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	<ul style="list-style-type: none"> ● Red ● Green/PG ● Yellow ● Pure Blue White/PW 	AD22-22D	
 AD22-22CS	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	<ul style="list-style-type: none"> ● Red ● Green/PG ● Yellow ● Pure Blue White/PW 	AD22-22CS AD22-22CSL AD22-22CSC	
 AD22-22BS	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	<ul style="list-style-type: none"> ● Red ● Green/PG ● Yellow ● Pure Blue White/PW 	AD22-22BS	
 AD22-22AS	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	<ul style="list-style-type: none"> ● Red ● Yellow ● Green ● Pure Green ● Pure Blue Pure White 	AD22-22AS	
 AD22-22ASL	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	<ul style="list-style-type: none"> ● Red ● Yellow ● Green ● Pure Green ● Pure Blue Pure White 	AD22-22ASL AD22-22ASC	
 AD22E-PH16	Indicator wrench Φ16				
 AD22E-PH22	Indicator wrench Φ22				

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Indicator Description Voltage Color Type Contour



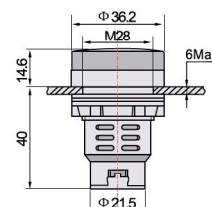
AD22-30DS

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



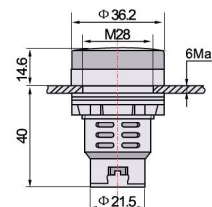
AD22-30CS

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



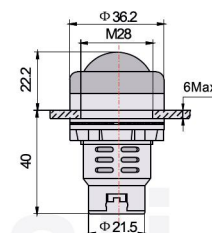
AD22-30AS

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



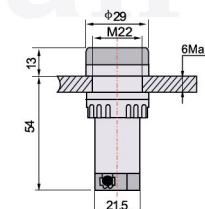
AD22-22DRG

Protected
LED
Indicator

110V AC/DC
127V AC/DC
220V AC/DC
380V AC

- Red&Green
- Red&Pure Blue

AD22-22DRG
AD22-22DRB



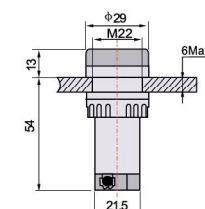
AD22-22DRS

Protected
LED
Indicator

110V AC/DC
127V AC/DC
220V AC/DC
380V AC



AD22-22DRS



AD22-22DRY

Protected
LED
Indicator

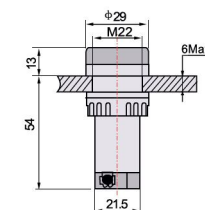
110V AC/DC
127V AC/DC
220V AC/DC
380V AC



AD22-22DRY



AD22-22DRE




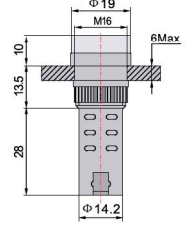


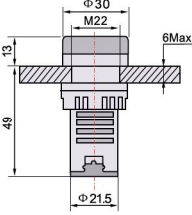


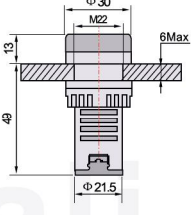


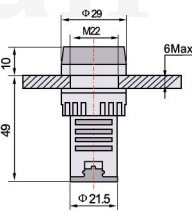


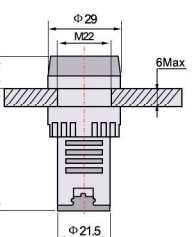





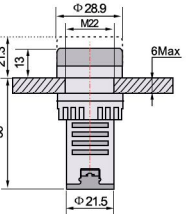


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Indicator	Description	Voltage	Color	Type	Contour
 AD22-16MSD	Protected LED Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	 Red  Black	AD22-16MSD AD22-16MFD	
 AD22-22MFD	Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	 Black	AD22-22MFD	
 AD22-22MSD	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	
 AD22-22MSB	Protected LED Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	 Red	AD22-22MSB	
 AD22-22MFB	Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	 Black	AD22-22MFB	
 AD22-22MSN	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	

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AD22 Indicator Lamp Series

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Indicator Description Voltage Color Type Contour



AD22-30MFD

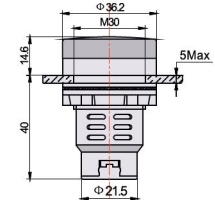
Buzzer

24V AC/DC
36V AC/DC
48V AC/DC
110V AC/DC
127V AC/DC
220V AC/DC
380V AC



Black

AD22-30MFD



AD22-30MSD

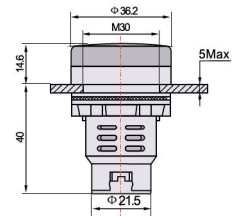
Protected
LED
Indicator
Buzzer

24V AC/DC
36V AC/DC
48V AC/DC
110V AC/DC
127V AC/DC
220V AC/DC
380V AC



Red

AD22-30MSD



AD22-CA25

Incandescent
lamp



110~130V AC
220~240V AC
380V AC



Red



Green



Yellow

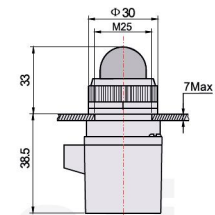


Blue



White

AD22-CA25
(AD22-PR25)
AD22-CA30
(AD22-PR30)



AD22C-10TE



AD22C-10TE/L

LED



6V~220V AC/DC



Red&Green



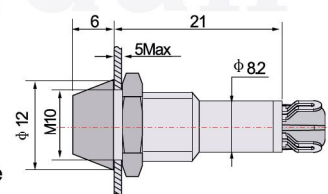
Yellow&Green



Red&Pure Blue



Yellow&Pure Blue

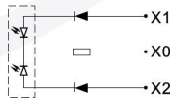


AD22C-12TE



AD22C-12TE/L

LED



6V~220V AC/DC



Red&Green



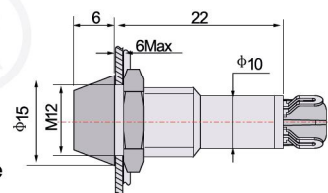
Yellow&Green



Red&Pure Blue



Yellow&Pure Blue

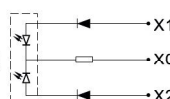


AD22C-14TE
AD22C-16TE



AD22C-14TE/L
AD22C-16TE/L

LED



6V~220V AC/DC



Red&Green



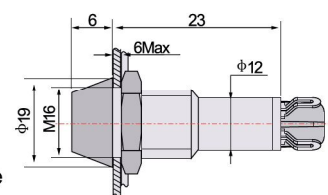
Yellow&Green



Red&Pure Blue




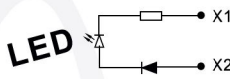
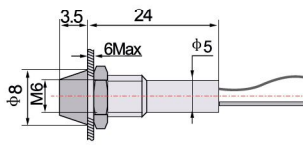


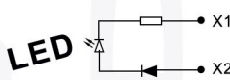
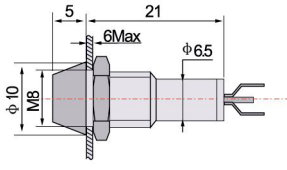


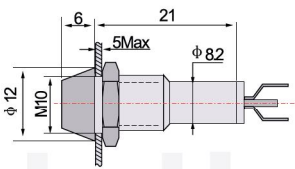



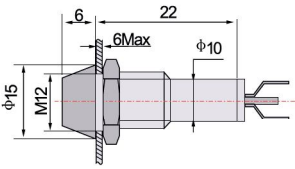


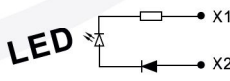
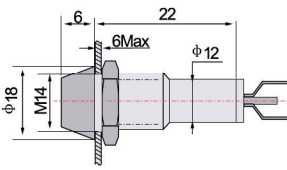


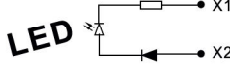
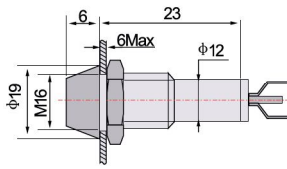
Yellow&Pure Blue



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Indicator	Description	Voltage	Color	Contour	
 AD22C-6T		AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	<ul style="list-style-type: none"> ● Red ● Pure Green ● Yellow ● Pure Blue ○ White/PW 		
 AD22C-8T	 AD22C-8T/L		AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	<ul style="list-style-type: none"> ● Red ● Pure Green ● Yellow ● Pure Blue ○ White/PW 	
 AD22C-10T	 AD22C-10T/L		AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	<ul style="list-style-type: none"> ● Red ● Pure Green ● Yellow ● Pure Blue ○ White/PW 	
 AD22C-12T	 AD22C-12T/L		AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	<ul style="list-style-type: none"> ● Red ● Pure Green ● Yellow ● Pure Blue ○ White/PW 	
 AD22C-14T	 AD22C-14T/L		AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	<ul style="list-style-type: none"> ● Red ● Pure Green ● Yellow ● Pure Blue ○ White/PW 	
 AD22C-16T	 AD22C-16T/L		AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	<ul style="list-style-type: none"> ● Red ● Pure Green ● Yellow ● Pure Blue ○ White/PW 	

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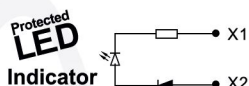
AD22 Indicator Lamp Series

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Indicator Description Voltage Color Contour

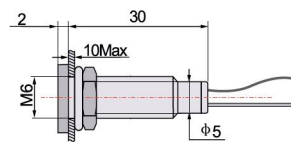


AD22C-6D



AC/DC
6V
12V
24V
36V
48V
110V
127V
220V

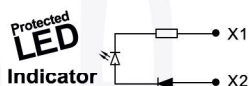
- Red
- Pure Green
- Yellow
- Pure Blue
- White/PW



AD22C-8D

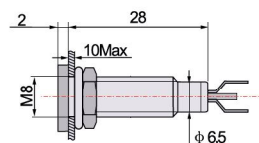


AD22C-8D/L



AC/DC
6V
12V
24V
36V
48V
110V
127V
220V

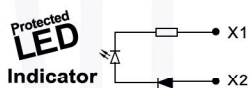
- Red
- Pure Green
- Yellow
- Pure Blue
- White/PW



AD22C-10D

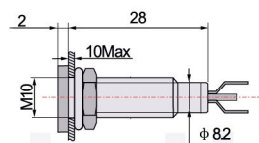


AD22C-10D/L



AC/DC
6V
12V
24V
36V
48V
110V
127V
220V

- Red
- Pure Green
- Yellow
- Pure Blue
- White/PW



AD22C-12D

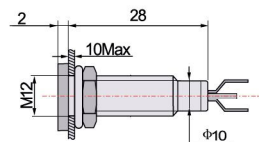


AD22C-12D/L



AC/DC
6V
12V
24V
36V
48V
110V
127V
220V

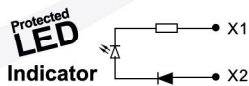
- Red
- Pure Green
- Yellow
- Pure Blue
- White/PW



AD22C-14D

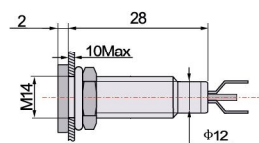


AD22C-14D/L



AC/DC
6V
12V
24V
36V
48V
110V
127V
220V

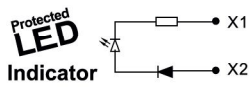
- Red
- Pure Green
- Yellow
- Pure Blue
- White/PW



AD22C-16D

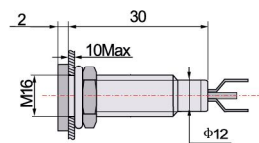


AD22C-16D/L



AC/DC
6V
12V
24V
36V
48V
110V
127V
220V



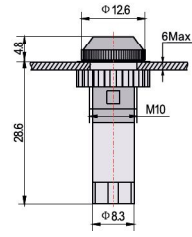


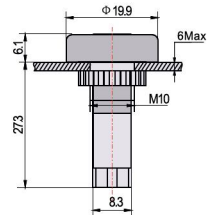


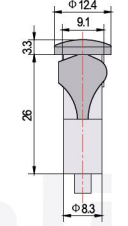


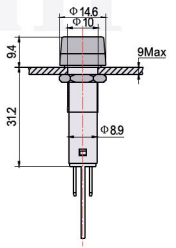


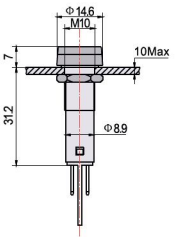


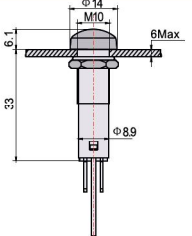
- Red
- Pure Green
- Yellow
- Pure Blue
- White/PW



AD22 Indicator Lamp Series



www.xindali.com

Indicator	Description	Voltage	Color	Type	Contour
 AD22E-005	Neon 	220~240V AC	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Pure Blue ○ White 	AD22E-005	
 AD22E-006	Neon 	220~240V AC	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Pure Blue ○ White 	AD22E-006	
 AD22E-009/Φ10	Neon 	220~240V AC	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Pure Blue ○ White 	AD22E-009	
 AD22E-012	Neon 	220~240V AC	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Pure Blue ○ White 	AD22E-012	
 AD22E-015	Neon 	220~240V AC	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Pure Blue ○ White 	AD22E-015	
 AD22E-016	Neon 	220~240V AC	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Pure Blue ○ White 	AD22E-016	

AD22 Series



AD22 Indicator Lamp Series

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Indicator Description Voltage Color Type Contour

AD22 Series



AD22E-017

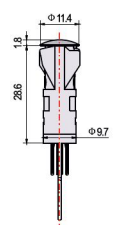
Neon



220~240V AC

- Red
- Green
- Yellow
- Pure Blue
- White

AD22E-017



AD22E-018

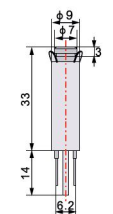
Neon



220~240V AC

- Red
- Green
- Yellow
- Pure Blue
- White

AD22E-018



AD22E-019L

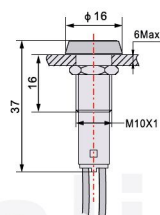
Neon



220~240V AC

- Red
- Green
- Yellow
- Pure Blue
- White

AD22E-019L



AD22E-020NL

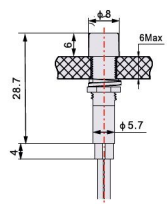
Neon



220~240V AC

- Red
- Green
- Yellow
- Pure Blue
- White

AD22E-020NL



AD22E-021L

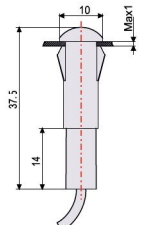
Neon



220~240V AC

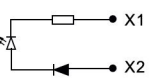
- Red
- Green
- Yellow
- Pure Blue
- White

AD22E-021L



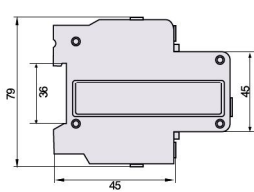
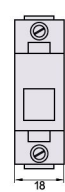
XDLM1-LED

Protected LED Indicator



AC/DC
6V
12V
24V
36V
48V
110V
127V
220V

- Red
- Pure Green
- Yellow
- Pure Blue
- White/PW



AD22 Indicator Lamp Series



www.xindali.com

LED and Neon lamp pearl series

Application

It applies to direct signal lamp, premonition signal, accident signal and other direct signal of electrical circuit in AC220V, 50~60Hz, direct current 220V and electric equipment.

Performance index: working frequency 3000V/min, allowed voltage fluctuate $\pm 10\%$

Continue-work service life: 30000hours

Height above sea level $\leq 2000\text{m}$


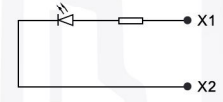
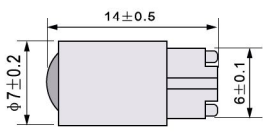

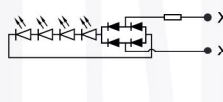
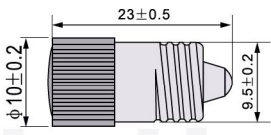
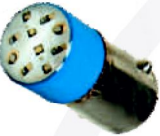
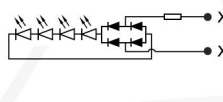
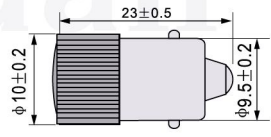

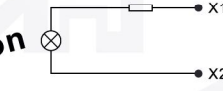
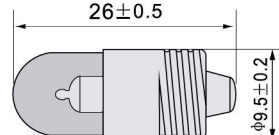

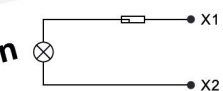
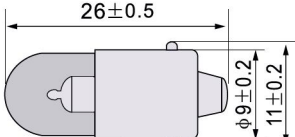

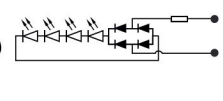
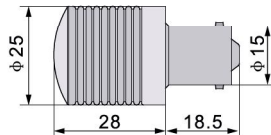
Protection grade: Ip55

Using environment: surrounding temperature $-25^{\circ}\text{C}\sim+55^{\circ}\text{C}$

Relative humidity $\leq 85\%$

Installation sort: III

Characteristic : The LED shiner is of high brightness. The illumination form is of diode and incandescence lamp, enjoying long service life.

Indicator	Description	Voltage	Color	Type	Contour
 AD22B-S02	LED 	AC/DC 24V 220~240V	<ul style="list-style-type: none"> ● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW 	AD22B-S02	
 AD22B-E02	LED 	AC/DC 24V 220~240V	<ul style="list-style-type: none"> ● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW 	AD22B-E02	
 AD22B-S06	LED 	AC/DC 24V 220~240V	<ul style="list-style-type: none"> ● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW 	AD22B-S06	
 AD22B-E05	Neon 	110~130V 220~240V	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Pure Blue ○ White 	AD22B-E05	
 AD22B-S08	Neon 	110~130V 220~240V	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ● Pure Blue ○ White 	AD22B-S08	
 AD22B-S09	LED 	AC/DC 24V 220~240V	<ul style="list-style-type: none"> ● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW 	AD22B-S09	

AD22 Series



AD22 Indicator Lamp Series

www.xindali.com

Indicator

Description

Color

Type

Contour

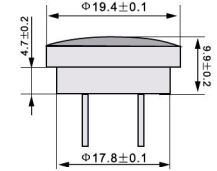


AD22B-CP22/R

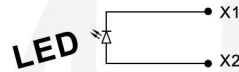


- Red
- Green/PG
- Yellow
- Pure Blue
- White/PW

AD22B-CP22/R

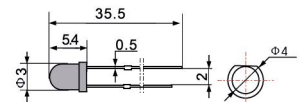


AD22B-L05

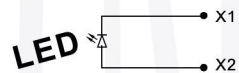


- Red
- Green/PG
- Yellow
- Pure Blue
- White/PW

AD22B-L05

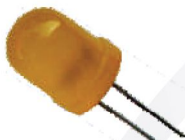
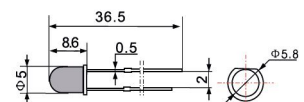


AD22B-L06

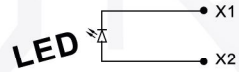


- Red
- Green/PG
- Yellow
- Pure Blue
- White/PW

AD22B-L06

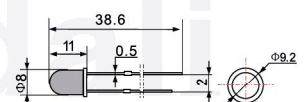


AD22B-L07

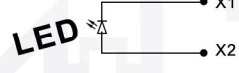


- Red
- Green/PG
- Yellow
- Pure Blue
- White/PW

AD22B-L07

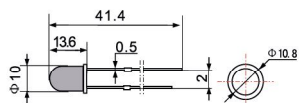


AD22B-L08

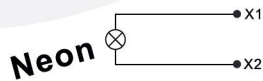


- Red
- Green/PG
- Yellow
- Pure Blue
- White/PW

AD22B-L08

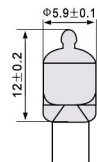


AD22B-N02

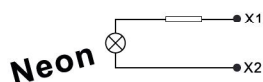


- Red
- Green

AD22B-N02



AD22B-N03



- Red
- Green

AD22B-N03

