

# Signal Lamp

Quality as the root · Service as the base



## AD16 Series Signal Lamp



### GENERAL

AD16 series signal lamp use LED light as the light source. The advantage have: long life, gentle weight, small cubage, save energy, The cover of the lamp is made of PC material, and have good shock resistance, it can be used as indication pilot light, accident signal and other signals in the circuits of such equipment as telecommunication.

### SPECIFICATION

Working life	≥40000h
The voltage fluctuation	±20%(above 110V)
Dielectric strength	2.5kV(ACRMS) , 1min
Usage frequency(AC)	50-60Hz
Rated current	≤20mA
Brightness	≥100cd/m <sup>2</sup>
Comparative tracking index CT1	≥100 , flame retardant
Insulation resistance	Ui≤60V, 5MΩ; 60V < Ui≤660V, 50MΩ.
Light color	red, green, yellow, blue, white

### DIAGRAM OF INTERIOR CONNECTION

Type	AC/DC Signal lamp	AC Signal lamp	AC/DC dual-color lamp	AC dual-color lamp
Normal type				
Anti-interference type				

- Note :
1. AC/DC type signal lamp is resistor step-down form; AC type signal lamp is capacitor step-down form.
  2. when voltage is 110V or above it, the temperature of outer shell of AC/DC signal lamp is higher than AC type.
  3. The frequency of AC type signal lamp is 50-60Hz, If work in other frequency ranges, it will be broken.
  4. connection error is not allowable to AC dual-color lamp, otherwise signal lamp will be broken.

### IMPLICATION OF TYPE


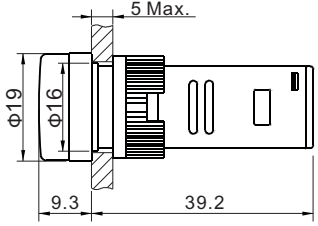




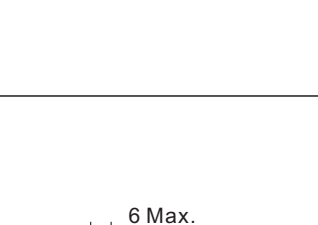

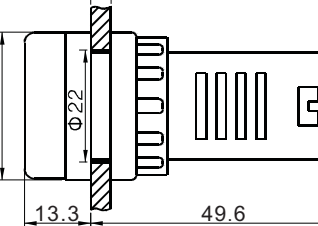


AD16-	⊙	▲/	■	△	○	☆
Code of series	Installation dimensions of neck: 16: 16mm 22: 22mm	Type: E: φ16 signal lamp DS: φ22 short signal lamp M: buzzer S: flicker SM: flicker buzzer SS: dual-color lamp W/N: ground position indicator W/D: breaker switch position indicator W/G: isolating switch position indicator WF/N: square ground position indicator WF/D: square breaker switch position indicator WF/G: square isolating switch position indicator	Other functions: No letters: normal signal lamp K: anti-interference F: discharge signal lamp Fs: waterproof signal lamp	lamp color: AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 220V AC/DC 380V AC 110V AC 220V AC 380V	Color : ■R ■G ■Y ■B ○W ■BL	anti-interference voltage: 24V 40V 60V 90V 110V

Note: the above table is only for model explanation, and some model combinations have no actual products. See the following figure for specific products.

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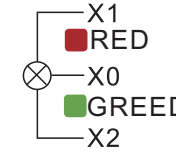
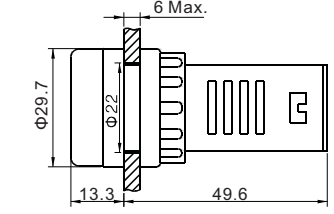

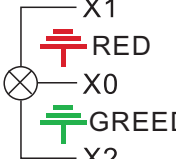
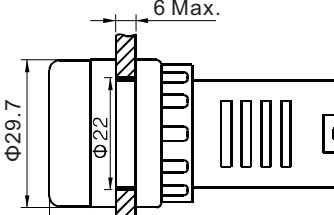

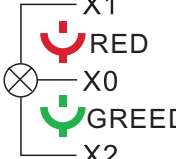

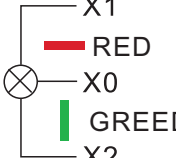


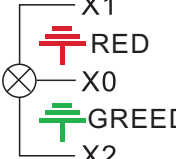
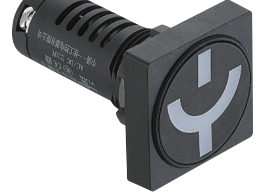
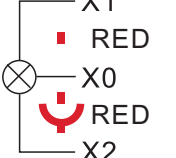
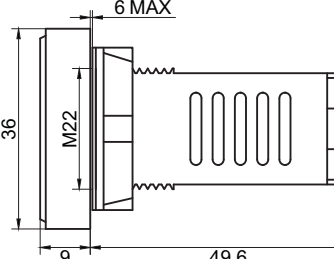

### PRODUCT SELECTION

Picture	Operation Model	Lamp voltage	Color	Shape Dimensions	
	Φ16 Signal lamp AD16-16E △○	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 220V AC 380V	<ul style="list-style-type: none"> <li><span style="color: red;">■</span> R</li> <li><span style="color: green;">■</span> G</li> <li><span style="color: yellow;">■</span> Y</li> <li><span style="color: blue;">■</span> B</li> <li>○ W</li> </ul>		
	Φ16 Anti-interference signal lamp AD16-16E/K △○K☆				<ul style="list-style-type: none"> <li><span style="color: red;">■</span> R</li> <li><span style="color: green;">■</span> G</li> <li><span style="color: yellow;">■</span> Y</li> <li><span style="color: blue;">■</span> B</li> <li>○ W</li> </ul>
	Φ16 Buzzer AD16-16M △○		<ul style="list-style-type: none"> <li><span style="color: red;">■</span> R</li> <li><span style="color: green;">■</span> G</li> <li><span style="color: yellow;">■</span> Y</li> <li><span style="color: blue;">■</span> B</li> <li>○ W</li> </ul>		
	Φ16 Flicker buzzer AD16-16SM △○				<ul style="list-style-type: none"> <li><span style="color: red;">■</span> R</li> <li><span style="color: green;">■</span> G</li> <li><span style="color: yellow;">■</span> Y</li> <li><span style="color: blue;">■</span> B</li> <li>○ W</li> </ul>
	Φ16 Dual-color lamp AD16-16SS △		<ul style="list-style-type: none"> <li>X1 <span style="color: red;">■</span> RED</li> <li>X0 <span style="color: green;">■</span> GREEN</li> <li>X2</li> </ul>		
	Φ22 Signal lamp AD16-22DS △○				<ul style="list-style-type: none"> <li><span style="color: red;">■</span> R</li> <li><span style="color: green;">■</span> G</li> <li><span style="color: yellow;">■</span> Y</li> <li><span style="color: blue;">■</span> B</li> <li>○ W</li> </ul>
	Φ22 Anti-interference signal lamp AD16-22DS/K △○K☆		<ul style="list-style-type: none"> <li><span style="color: red;">■</span> R</li> <li><span style="color: green;">■</span> G</li> <li><span style="color: yellow;">■</span> Y</li> <li><span style="color: blue;">■</span> B</li> <li>○ W</li> </ul>		
	Φ22 Discharge signal lamp AD16-22DS/F △○	<ul style="list-style-type: none"> <li><span style="color: red;">■</span> R</li> <li><span style="color: green;">■</span> G</li> <li><span style="color: yellow;">■</span> Y</li> <li><span style="color: blue;">■</span> B</li> <li>○ W</li> </ul>			
	Φ22 Flicker AD16-22S △○		<ul style="list-style-type: none"> <li><span style="color: red;">■</span> R</li> <li><span style="color: green;">■</span> G</li> <li><span style="color: yellow;">■</span> Y</li> <li><span style="color: blue;">■</span> B</li> <li>○ W</li> </ul>		
	Φ22 Buzzer AD16-22M △○	<ul style="list-style-type: none"> <li><span style="color: red;">■</span> R</li> <li><span style="color: green;">■</span> G</li> <li><span style="color: yellow;">■</span> Y</li> <li><span style="color: blue;">■</span> B</li> <li>○ W</li> </ul>			
	Φ22 Flicker buzzer AD16-22SM △○		<ul style="list-style-type: none"> <li><span style="color: red;">■</span> R</li> <li><span style="color: green;">■</span> G</li> <li><span style="color: yellow;">■</span> Y</li> <li><span style="color: blue;">■</span> B</li> <li>○ W</li> </ul>		

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Picture	Operation Model	Lamp voltage	Color	Shape Dimensions
	Φ22 Daul-color lamp AD16-22SS △	AC/DC 12V AC/DC 24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 220V AC/DC 380V AC 220V AC 380V		
	Ground position indicator AD16-22W/N △			
	Breaker switch position indicator AD16-22W/D △	AC/DC 24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 220V AC/DC 380V		
	Isolating switch position indicator AD16-22W/G △			
	Ground position indicator AD16-22WF/N △			
	Breaker switch position indicator AD16-22WF/D △	AC/DC 24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 220V AC/DC 380V		
	Isolating switch position indicator AD16-22WF/G △		