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The models and specifications published in this catalogue will vary with product updates without prior notice.

**TJELC® 天佳**

**按钮开关 控制盒  
指示灯专业制造商**

Push button Control Box Indicator  
Professional manufacturing

CCC A056263 CE RoHS ISO9001



**TJELC® 天佳**

**天佳电气科技有限公司**  
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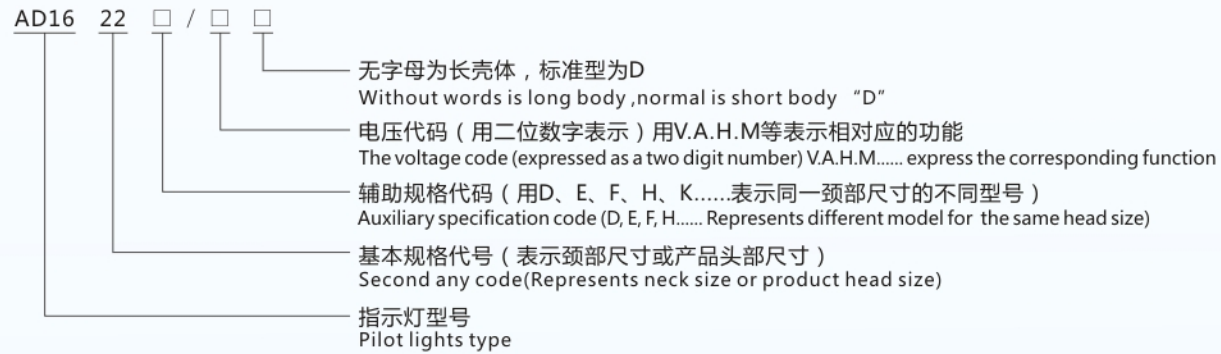
企业网站二维码



English



### 型号及含义(Modeland Explanatiln)



### 适用环境(Working Condition)

- 环境温度:  $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$  ;
  - 空气相对湿度:  $\leq 98\%$  ;
  - 在振动频率为2-80Hz加速度为0.7g不能正常工作 ;
  - 污染等级为3级, 安装类别为Ⅲ类。
  - 有 "TH" 标志的能在湿热带环境下工作。
- ambient temperature:  $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$
  - relative humidity:  $\leq 98\%$  ,
  - nomally workable when vibration frequency is 2-80Hz with acceleration of 0.7g
  - pollution degree is 3, installation group is III,
  - "TH" marked can work at damp-heat environment.

### 主要技术指标(Technical Data)

- 工频耐压: 2.5KV(交流有音值), 1min.
  - 绝缘电阻  $\geq 2\text{M}\Omega$  ;
  - 交流指示灯允许电压波动  $\pm 20\%$
  - 连续工作寿命  $\geq 30000\text{H}$
  - 光亮度  $\geq 100\text{cd}/\text{m}^2$
  - 相比漏电超痕数  $\text{CTI} \geq 600$
  - 头部防护等级 IP65, 可制 IP67
  - 使用频率 AC50~60Hz
- Power frequency withstand voltage: 2.5kv/1min(effective AC value),
  - insulation resistance:  $\geq 2\text{M}\Omega$ ,
  - Allowable voltage fluctuation:  $\pm 20\%$
  - Continuous operating life:  $\geq 30000\text{H}$ ,
  - Brigtss:  $\geq 100\text{cd}/\text{m}^2$ ,
  - CTI  $\geq 600$ ,
  - Protection degree of the head IP65, IP67 is available on request,
  - Applying frequency: AC50~60Hz.

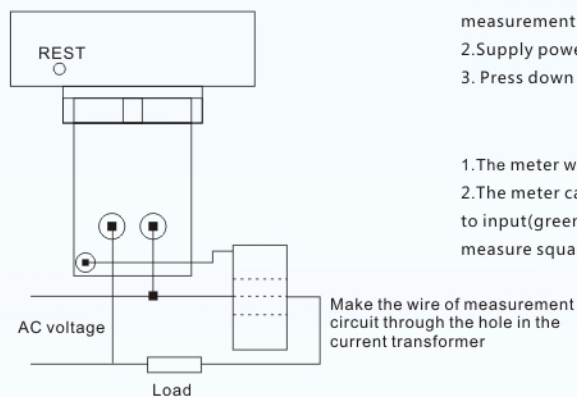
### 接线方式Application Method

- According to connection graph, connect the green wire of secondary current transformer to the blue terminal of meter and make the wire of measurement circuit through the hole in the current transformer.
- Supply power and start to measure and display the result .
- Press down the button last of 5 second , the electric energy will be zero

### ⚠ 注意事项 Attention

- The meter will be destroyed when you make wrong connection method with voltage
- The meter can only use to measure 50Hz AC city electricity, it will be destroyed when use to input(green terminal) and secondary current transformer(blue terminal). measure square wave, output of inverter and correction sine wave.

### 接线方式(Connect way)



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样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-50FSA 电流表 Amper	<ul style="list-style-type: none"> <li>White</li> <li>Green</li> <li>Red</li> <li>Yellow</li> <li>Blue</li> </ul>	0-50A 0-100A 0-200A 0-500A	
	AD112-50FSV 电压表 voltage meter	<ul style="list-style-type: none"> <li>White</li> <li>Green</li> <li>Red</li> <li>Yellow</li> <li>Blue</li> </ul>	60-500V	
	AD112-50FVA 电压电流表 Amper +Voltage meter	<ul style="list-style-type: none"> <li>White</li> <li>Green</li> <li>Red</li> <li>Yellow</li> <li>Blue</li> </ul>	60-500V 0-100A	
	AD112-50FVAH 电压电流频率表 Amper +Voltage +Frequency meter	<ul style="list-style-type: none"> <li>White</li> <li>Green</li> <li>Red</li> <li>Yellow</li> <li>Blue</li> </ul>	60-500V 0-100A 20-75HZ	
	AD112-50FM 多功能表 More Function LCD display	<ul style="list-style-type: none"> <li>White</li> <li>Green</li> <li>Red</li> <li>Yellow</li> <li>Blue</li> </ul>	AC50-300V 0-100A 45-65HZ 0.00-1.00PF 0-45000W 0-9999kwh	

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样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-50DSA 电流表 Amper	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>0-50A</li> <li>0-100A</li> <li>0-200A</li> <li>0-500A</li> </ul>	
	AD112-50DSV 电压表 voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	
	AD112-50DVA 电压电流表 Amper + Voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>60-500V</li> <li>0-100A</li> </ul>	
	AD112-50DVAH 电压电流频率表 Amper + Voltage + Frequency meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>60-500V</li> <li>0-100A</li> <li>20-75HZ</li> </ul>	

样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-22BA 电流表 Amper	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>0-50A</li> <li>0-100A</li> <li>0-200A</li> <li>0-500A</li> </ul>	
	AD112-22BV 电压表 Voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	
	AD112-22BC 温度表 Temperature	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	-20°C-199°C	
	AD112-22BH 频率表 Frequency meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>20-75HZ</li> <li>AC220V</li> </ul>	
	AD112-22BVA 电流电压表 Amper + Voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>60-500V</li> <li>0-100A</li> </ul>	



样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-22BHR 累时表 Hours meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	0-999H	
	AD112-22BKW 功率表 Watt meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	AC220V/26KW AC380V/45KW	
	AD112-22BV-K 电压表 Voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	
	AD112-22FHR 累时表 Hours meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	0-999H	
	AD112-22FBV-K 电压表 voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	

样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-22FBA 电流表 Amper	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	0-50A 0-100A 0-200A 0-500A	
	AD112-22FBV 电压表 voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	
	AD112-22FBC 温度表 Temperature	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	-20°C-199°C	
	AD112-22FBH 频率表 Frequency meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	20-75HZ AC220V	
	AD112-22FVA 电流电压表 Amper + Voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V 0-100A	
	AD112-22F 电压电流频率表 Amper + Voltage + Frequency meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V 0-100A 20-75HZ	



样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-22CA 电流表 Amper	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>0-50A</li> <li>0-100A</li> <li>0-200A</li> <li>0-500A</li> </ul>	
	AD112-22CV 电压表 voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	
	AD112-22CC 温度表 Temperature	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	-20°C-199°C	
	AD112-22CH 频率表 Frequency meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>20-75HZ</li> <li>AC220V</li> </ul>	
	AD112-22CV-S 电压表 voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	

样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-22FCA 电流表 Amper	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>0-50A</li> <li>0-100A</li> <li>0-200A</li> <li>0-500A</li> </ul>	
	AD112-22FCV 电压表 voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	
	AD112-22FCV 温度表 Temperature	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	-20°C-199°C	
	AD112-22FCH 频率表 Frequency meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>20-75HZ</li> <li>AC220V</li> </ul>	



样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-22FEA 电流表 Amper	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	0-50A 0-100A 0-200A 0-500A	
	AD112-22FEV 电压表 voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	
	AD112-22EVA 电流电压表 Amper + Voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V 0-100A	
	AD112-22HSV 电压表 voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	



样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-22FCA 电流表 Amper	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	0-50A 0-100A 0-200A 0-500A	
	AD112-22FCV 电压表 voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	
	AD112-22FCV 温度表 Temperature	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	-20°C-199°C	
	AD112-22FCH 频率表 Frequency meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	20-75HZ AC220V	



样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-22SA 电流表 Amper	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>0-50A</li> <li>0-100A</li> <li>0-200A</li> <li>0-500A</li> </ul>	
	AD112-22SV 电压表 voltage meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	60-500V	
	AD112-22SC 温度表 Temperature	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	-20°C-199°C	
	AD112-22SH 频率表 Frequency meter	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	<ul style="list-style-type: none"> <li>20-75HZ</li> <li>AC220V</li> </ul>	

样式 Style	型号 Type	参数 Parameter	外形尺寸 Outline Dimensions
	TA-201 电流表 Amper	<ul style="list-style-type: none"> <li>0-50A</li> <li>0-100A</li> <li>0-200A</li> <li>0-500A</li> </ul>	
	TV-201 电压表 voltage meter	60-500V	
	TVA-201 电流电压表 Amper + Voltage meter	<ul style="list-style-type: none"> <li>60-500V</li> <li>0-100A</li> </ul>	



样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-22SM 闪光蜂鸣器 Flash Buzzer	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC 220V 29-FD 380V 31-AC 220V 32-AC 380V	
	AD112-22SM 闪光蜂鸣器 Flash Buzzer	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC 220V 29-FD 380V 31-AC 220V 32-AC 380V	
	AD112-16M 蜂鸣器 Buzzer	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC 220V 29-FD 380V 31-AC 220V 32-AC 380V	
	AD112-22SM 闪光蜂鸣器 Flash Buzzer	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC 220V 29-FD 380V 31-AC 220V 32-AC 380V	
	AD112-16DS	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC 220V 29-FD 380V 31-AC 220V 32-AC 380V	

样式 Style	型号 Type	颜色 Color	参数 Parameter	外形尺寸 Outline Dimensions
	AD112-22DS	<ul style="list-style-type: none"> <li>○ White</li> <li>● Green</li> <li>● Red</li> <li>● Yellow</li> <li>● Blue</li> </ul>	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC 220V 29-FD 380V 31-AC 220V 32-AC 380V	

