

AD16 Train Indicator Lights & Buzzer Siemens APT


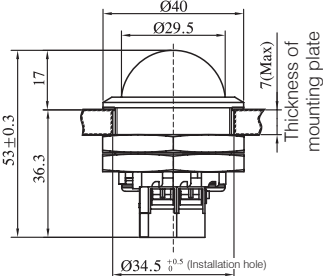
Basic Technical Data

Standards	GB 14048.5 GB/T 7928-2003 IEC 61373-1999 IEC60947.5 DIN5510-2
Rated Insulation Voltage	AC 660V
Uimp	AC 2500V 50Hz.1min
Continuous Working Life	≥30,000 hours
Insulation Resistance	≥100 MΩ
Ambient Temperature	-25℃ ~ 70℃
Allowable Voltage Fluctuation	Below 110V ±10% above 110V ±20%
Light Brightness	Double-color light ≥100cd/m ² locomotive door light ≥300cd/m ² outdoor light ≥200cd/m ²
CTI	CTI ≥175
Application Frequency	AC50~60HZ
Head Protection Class	IP65 for indicator lights, IP40 for buzzers
Vibration Frequency	Work normally at the vibration frequency of 2-80Hz and accelerated speed of 0.7g
Relative Air Humidity	≤ 98%
Pollution Class	Class 3

35mm Series Door Indicator Lights

- AD16-35KTKA series door indicator lights are the products that are developed by us for rail transportation, which function as door opening and closing indication. The products have applied the high-bright LED as light source and are featured as high brightness and long service life.
- Head protection class is IP67
- Brightness≥300cd/m²

Description of Model

Name	Type	Model	Color	Light Voltage	External Size
Ø35 Door indicator		AD16-35KTKA/▲★-TK	Red-r Yellow-y	25-AC/DC48V 26-AC/DC110V	

Notes:

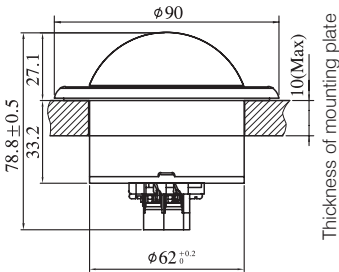
1. ■ filled with color code and ★ filled with voltage code
2. The external lead wire is 0.75~1.5mm² hard wire and plug in directly

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60mm Series Door Indicator Lights

■ AD16-60KTKA series door indicator lights are the products developed by us for rail transportation, which function as door opening and closing indication. The products have applied the high-bright LED as light source and are featured as high brightness and long service life. ■ Head protection class is IP67 ■ Brightness $\geq 300\text{cd/m}^2$

Description of Model Selection


Name	Type	Model	Color	Light Voltage	External Size
Ø60 Series Door Indicator		AD16-60KTKA / ▲★-TK	Red-r Green-g Blue-b Yellow-y White-w	26-AC/DC110V	

Notes: 1. ▲ filled with color code and ★ filled with voltage code. 2. The external lead wire is 0.75~1.5mm² hard wire and pluggin directly. 3. The voltage range is AC/DC 48~220V.

22mm Super Bright Outdoor Indicator Lights

■ AD16-22I series outdoor indicator have applied high-bright LED as light source and their working status can be easily identified during the outdoor application.

■ The head protection class is IP65. ■ Brightness $\geq 200\text{cd/m}^2$

Name	Type	Model	Color	Light Voltage	External Size
Ø22 Super Bright Outdoor		AD16-22I / ▲★-TK	Red-r Green-g Blue-b Yellow-y White-w	22- AC/DC12V 23- AC/DC24V 25-AC/DC48V 26-AC/DC110V 28-DC220V	


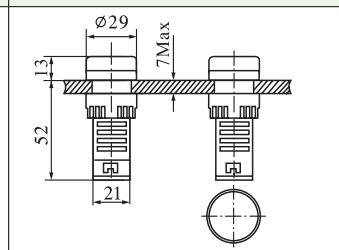
Note: 1. ▲ filled with color code and ★ filled with voltage code.

22mm Tri-color Indicator Lights

■ AD16-22D series tri-color lights are developed by us especially for rail transportation with three lighting colors – red, green and orange.

■ Head protection class is IP65 ■ Brightness $\geq 100\text{cd/m}^2$

Description of Model Selection

Name	Type	Model	Color	Light Voltage	External Size
Ø22 Tri-color indicator		AD16-22D / rg★-TK	Red-r Green-g Orange-o (red and green illuminate simultaneously)	22- AC/DC12V 23- AC/DC24V 25-AC/DC48V 26-AC/DC110V 28-DC220V	

Note: 1. ★ filled with voltage code.

22mm Ultrathin Indicator Lights

- AD16-22P series ultrathin indicator lights have applied the imported high-bright LED as light source with high lighting height and long service life.
- Head protection class is IP65 ■ Brightness $\geq 100\text{cd/m}^2$

Description of Model Selection


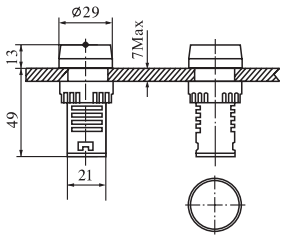
Name	Type	Model	Color	Light Voltage	External Size
Ø22 Ultrathin Indicator		AD16-22P / ▲ ★-TK	Red-r Green-g Blue-b Yellow-y White-w	22- AC/DC12V 23- AC/DC24V 25-AC/DC48V 26-AC/DC110V 28-DC220V	

Note: 1. ▲ filled with color code and ★ filled with voltage code.

22mm Flash Buzzer

- AD16-22SM series flash buzzers are applied in the alarm conditions for rail transportation. The buzzer beeps intermittently or continuously, accompanying with the flash indication simultaneously. The volume is 10cm/85dB and current is 15~20mA.
- The sound and light have the separate loops for easy control.
- The lighting and sounding interval frequency: 65 times/minute $\pm 10\%$

Description of Model Selection

Name	Type	Model	Color	Light Voltage	External Size
Ø22 Flash indicator with Buzzer		AD16-22SM / r ★ -TK (intermittent beeping) AD16-22SM / r ★ B- TK (continuous beeping)	红-r	22- AC/DC12V 23- AC/DC24V 25-AC/DC48V 26-AC/DC110V 28-DC220V	

Note: 1. ★ filled with voltage code.

Combined lamp

- AD16-30JC series combined lamp are applicable to the places with various light indication signals and light execution signals as well as centralized indication places for rail transportation.
- Brightness $\geq 120\text{cd/m}^2$
- The dismountable lampshades and lamp beads are convenient for use and maintenance.
- The lighting unit has the separate control loop, which is good for normally on and flashing as well as the combination of various voltage specifications.
- They can be manufactured according to the drawings provided by the customers. Refer to the catalogue of AD16-30JC Combined lamp for specific model selection data.

