

# Dual Color LED Indicator Light

This dual color LED indicator light provides clear visual signaling. It is suitable for use in control panels, machinery, and other equipment for reliable status indication.



## Overview

### Professional Dual-Color LED Signaling

The AD22-22DRG series represents a high-performance advancement in indicator technology, replacing traditional incandescent and neon lamps with energy-efficient LED chips. Designed for demanding industrial environments, these indicators offer high brightness, exceptional reliability, and a compact, lightweight form factor. The dual-color functionality and robust polycarbonate construction make them an ideal choice for complex control panels and signaling systems.

## Technical Performance

### Key Performance Metrics

**2.5 kV**

Working Frequency Voltage

**2 M $\Omega$**

Insulation Resistance

**20 %**

Voltage Tolerance

Continuous Working Life

e3000h

Brightness

e100d/m<sup>2</sup>

Comparative Tracking Index (CTI)

100 CTI

## Physical Dimensions



AD22-22DRG

Protected  
Led  
Indicator

110V AC  
220V AC  
380V AC



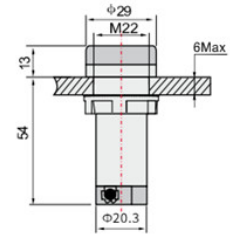
Red&Green

AD22-22DRG



Red&Blue

AD22-22DRB



Precise dimensions for panel mounting, featuring a 22mm installation diameter.

## Detailed Dimensions

Feature	Measurement
Head Diameter	29mm
Mounting Thread	M22
Max Panel Thickness	6mm
Height Above Panel	13mm
Total Length	54mm
Bottom Diameter	20.3mm

Installation Diameter	22 mm
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## Operation & Signaling

### Dual-Color Logic

- Terminal X0 to X1: Green Illumination
- Terminal X0 to X2: Red Illumination

Supported Voltages	6V, 12V, 24V, 48V, 110V, 220V, 380V
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## Compliance & Construction

### International Standards

IEC60947-5-1 • EN60947-5-1 • CE

### Material Properties

- High-intensity Polycarbonate lampshade
- Enhanced anti-surge performance
- Secure bolt-type connector design

## Applications

Target Industries	Electrical Power, Telecommunications, Machine Tools, Watercraft, Textiles, Printing, Mining Machinery
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