



# ANNUNCIATOR



- Used for generating visual indication or alarm from changes arising in a connected circuit to alert the user
- Microprocessor based design
- Collapsible body structure for easy multiplication to achieve other combinations
- Negative film/Tracing sheet type inscription gives enhanced appearance and better visibility

Annunciator is an array of indicator lights and associated circuitry designed to secure a operating personnel's or user's attention by blinking the indicator lights, when the connected process changes to another state. They acts as a central indicator of status of an equipment or systems in industrial process, buildings or installations like Control and Relay Panels, Instrumentation Panels, Signalling Panels etc. It may also display warnings or cautions that are not necessarily indicative of a problem. Multiple back-lit windows are provided, each engraved with the name of a process enabling proper distinguishing of the appeared alarm to the user. Thus activated window will continue to blink giving visual indication till the user acknowledge the process change. The lights are usually accompanied with a test switch, which when pressed illuminates all the lights to confirm they are in working order.

Aluminium Industries Limited – Relays Division a.k.a ALIND make microprocessor based Annunciator comes in an elegant black color Acrylonitrile-Butadiene-Styrene thermoplastic housing with enhanced durability and aesthetics. It is designed for flush type mounting on control panels. A mounting clamp is provided on the case for fixing on the panel. The compact and easy to mount annunciator comes with a clear and bright visibility aiding the use of negative film/tracing sheet. Product has been designed to work on both AC & DC circuits and is available with and without AC/DC fail. Prolonged test for each unit are carried out for ensuring the operational accuracy & endurance. Its LED based design is tested for very low power consumption. The product quality standards matches international standards and has a lifetime of over 1,00,000 hours. More window numbers(>32) are also available.

## TYPES AVAILABLE

AA-xx W

- >> 4 Windows
- >> 8 Windows
- >> 12 Windows
- >> 16 Windows
- >> 20 Windows
- >> 24 Windows
- >> 28 Windows
- >> 32 Windows

## KEY FEATURES

- >> Aesthetic with elegant black
- >> Microprocessor based
- >> Collapsible body structure
- >> Flush-mounting type
- >> 100000 hours of operating time
- >> With & Without AC fail
- >> With & Without DC fail
- >> Potential-free contact
  - For external faults
  - For AC fail (optional)
  - For DC fail (optional)

## COMPLYING STANDARDS

- >> IEC 60068-2-2
- >> IEC 60255-27
- >> IEC 60068-2-1
- >> IEC 60068-2-78



## Technical Particulars

### DIMENSIONS

#### OVERALL

- >> Height : 162 mm
- >> Depth : 220mm
- >> Width : (72 x Number of columns)mm

#### CUT-OUT

- >> Height : 152 mm
- >> Width : {(68 x Number of columns)+3}mm

### TESTS PASSED

- >> Burn-in Test
- >> Dry Heat Test  
(Storage & Operational)
- >> Cold Test  
(Storage & Operational)
- >> Damp Heat Test
- >> Impulse Test

### FOR QUERIES

- Visit us:  
[www.alindrelays.com](http://www.alindrelays.com)
- OR
- Mail us:  
[contact@alindrelays.com](mailto:contact@alindrelays.com)
- OR
- Call us:  
+91 944 600 5703

- Rated Insulation Voltage (Ui) : AC, DC 500V
- Rated Operational Voltage (Ui) : 110V DC & 230V AC
- Voltage Fluctuation Range : ±15%.
- Consumption : <0.5W per Window
- Insulation Resistance : >1MΩ at 1.0KV
- Durability : Over 100000 Hours
- Operating Temperature : -10 to 60° C
- Storage Temperature : -20 to 70° C
- Altitude : 2000m Max
- Viewing Area : 59x23 mm
- Relay contact current rating : 5 A
- Relay contact voltage rating : 230V AC

### SERVICES AVAILABLE

- >> Technical Support
- >> Maintenance
- >> Hardware Support
- >> Guaranteed Warranty



ALUMINIUM INDUSTRIES LIMITED. [ALIND] is a premier engineering industry in India engaged in multifaceted activities. Established in 1946, the company has today 4 manufacturing divisions. Three manufacturing plants are located in Kerala and one at Hyderabad. As the years rolled by, ALIND diversified its activities by uniting various streams of power transmission technology and emerged as multi-divisional composite corporate entity. ALIND has kept abreast of the latest technology for past decades.

ALIND Relays Division which came into existence in 1982 are now the leading manufacturers for Control & Relay panels for Indian Railways. In spite of that, we are the manufacturers for other Rolling stock equipments, Control & Relay panels for Utilities, Panel Building products etc.