



SEMAPHORE INDICATOR



- Used for visual indication or simulation of the 'ON' & 'OFF' positions of a circuit or operating state of a device
- Suitable for monitoring power breakers & disconnectors
- Suitable for control signalling.
- Suitable for automatic status indication of isolators, earth switches, circuit breakers & PT ON/OFF etc.

Automatic Semaphore Indicators are used in mimic diagrams of relatively small dimensions inscribed on Control and Relay Panels, Instrumentation Panels, Signalling Panels etc. to indicate open or close position of isolator, Earth switch, Circuit Breaker, PT ON/OFF switch etc. Semaphore indicator consists of an electronic circuit which consists of red color line and green color line indications (Customizable). The indicator shows the position of the supervised equipment & it glows in right angle to mimic with green color indication when breaker, isolator etc is in open position or OFF position. When supply is restored or supervised equipment or circuit is in live condition the indicator positions itself to bridge the gap between the lines and glows with a red color indication thus providing continuity in the mimic diagram.

Aluminium Industries Limited – Relays Division a.k.a ALIND make Semaphore indicator comes in an elegant black color Acrylonitrile-Butadiene-Styrene thermoplastic housing with enhanced durability and aesthetics. The indicator is housed in a dust and vermin-proof cylindrical molded case and is designed for protruded mounting on control panels. A mounting clamp is provided on the case for fixing on the panel. The compact and easy to mount indicator comes with a clear and bright visibility. It has been designed to work on both AC & DC circuits. 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.

TYPES AVAILABLE

- >> ASR (Round facia)
- >> ASE (Round facia)

KEY FEATURES

- >> Aesthetic with elegant black
- >> IP 54 grade
- >> Works in both AC & DC voltages
- >> Negative Common
- >> Protruding type
- >> Screw Terminals
- >> 100000 hours of operating time
- >> Various power supplies available

COMPLYING STANDARDS

- >> IEC 60255-27
- >> IEC 60255-1
- >> IEC 60529



DIMENSIONS

>> Depth: 56mm

>> Cut-out Dia: 30mm

>> Head Dia: 38 mm

(For ASR type)

>> Head Dia: 52 mm

(For ASE type)

CONNECTION

1. GREEN

2. COMMON

3. RED

Other color options available
on demand.

FOR QUERIES

Visit us:

www.alindrelays.com

OR

Mail us:

contact@alindrelays.com

OR

Call us:

+91 944 600 5703

Technical Particulars

- Rated Insulation Voltage (Ui) : AC, DC 500V
- Rated Operational Voltage (Ui) : DC 110/220V.
- Voltage Fluctuation Range : $\pm 15\%$.
- Rated Operational Current (Ie) : 5mA max per Channel
- Insulation Resistance : $>1M\Omega$ at 1.0KV
- Durability : Over 1,00,000 hours
- Degree Of Protection : IP54 (Front)
- Operating Temperature : -10 to 60° C
- Storage Temperature : -20 to 70° C
- Altitude : Max 2000m
- Compatible Copper Conductor : AWG 20 to 14
- Mounting Plate Thickness : 1 to 6 mm

SERVICES AVAILABLE

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

ABOUT US



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 manufacturers for other Rolling stock equipment, Control & Relay panels for Utilities, Panel Building products etc.

ALUMINIUM INDUSTRIES LIMITED

RELAYS DIVISION