

# SACO CONTROLS

## Enhance Your Industrial Operations with Advanced Annunciator System



### Introducing the ABB-ANN-5X5 Annunciator

The ABB-ANN-5X5 Annunciator is the ultimate solution for flexible and reliable equipment control management.

Whether you're operating in a standalone environment or integrating into a SCADA system, this versatile Annunciator is designed to ensure performance, safety, and reliability in your industrial operations.

#### Key Features:

- **5x5 LED Grid:** 25 customizable RGB LED cells for dynamic alarm and status indication.
- **Independent LED Control:** Configure each LED for color, blink rate, and on/off functionality with ease.
- **Modbus Communication:** Seamless integration with industry-standard PLCs using RS485 or RS422 communication protocols.
- **Color Customization:** Choose from Red, Green, Amber, Blue, or White for each LED cell, giving you the flexibility to define clear visual signals.
- **Adjustable Blink Rates:** Set blink rates to indicate varying levels of alert, with options ranging from steady light to 5-second intervals.
- **Scalable Solution:** Easily expand by connecting up to 15 units in your network for efficient alarm management across larger facilities.



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- **Rugged Design:** Built for harsh environments with an operating temperature range of 0°C to 50°C.

## Superior Control and Monitoring with the ABB-ANN-5X5 Annunciator

### Applications Across Industries

- **Manufacturing & Process Control:** Quickly detect system changes and display them on the grid with intuitive LED colors and patterns.
- **Power Generation:** Monitor critical system statuses and alarms in real-time with robust visual indicators.
- **Oil & Gas:** Ensure reliable monitoring of safety and operational signals in challenging industrial environments.
- **Building Automation:** Use the customizable 5x5 grid to monitor HVAC systems, power, or other facility services.

### Why Choose the ABB-ANN-5X5 Annunciator?

- **Simple Installation & Configuration:** Fits seamlessly into standard panels with easy-to-use power and network wiring setups.
- **Customizable Alerts:** Personalize alarm signals using RGB LEDs with selectable colors, blink rates, and patterns.
- **Modbus Protocol Support:** Communicate effectively with other systems, sending and receiving data to control each LED's status, blink rate, and color.
- **Heartbeat Monitoring:** Stay ahead of communication issues with a built-in heartbeat function that alerts you to network failures.

### Technical Specifications:

- **Operating Voltage:** 8.0V - 32V DC
- **Operating Current:** 2.5 Amps (with internal fuse)
- **Communication:** RS485 / RS422
- **Data Rates:** 4800, 9600, 19200, or 28800 bps
- **Environmental Compliance:** EN 55011, EN 61000-4-2, and other EMC standards.

**Upgrade your industrial alarm management system today with the ABB-ANN-5X5 Annunciator!**

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